



July, 2009

Construction permit, Výst. 2010/86 of 23rd 1.1987

ANNEX 0.1



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CONSTRUCTION PERMIT

The building owner, EMO – Nuclear Power Plant, the concern, Branch Office Pražská 29, Bratislava asked on 24 September 1986 for awarding construction permit for the construction

“Mochovce Nuclear Power Plant, WWER 4x440 MW, Construction 3”.

Location of this power plant was approved by the Building Office decision issued on 22 October 1980 with the number Výst.3865/80, which was amended by the decision issued on 10 July 1981 with the number Výst.2044/81 and Výst.3818/81 dated 28 January 1982.

Local Department of Construction and Urban Planning as a building office authorised by the Urban Planning Department of the Regional National Committee in Western Slovakia in Bratislava by the decision No. ÚP 416/1980-1982/Zš dated 1 September 1982 discussed the application in the building permission proceedings with affected state administration authorities and with the proceeding participants.

The Building Office viewed the application according to §62 of the Act No. 50/1976 Coll. (Building Law) and decided as follows:

The Construction

Mochovce Nuclear Power Plant, WWER 4x440 MW, Construction 3

consisting of the following civil structures:

- 1) 330/1-01 Fence – Part II
- 2) 330/1-02 Power plant area landscaping – Part II
- 3) 330/1-03 Landscaping except fence area
- 4) 331/1-01 Mochovce village recultivation
- 5) 331/1-02 Alternative recultivation
- 6) 332/1-01 Mochovce village landscaping
- 7) 340/1-02 External lighting – Part II
- 8) 350/1-02 Trenches and channels for high current cables – Part II
- 9) 351/1-02 High current cable routing – Part II

- 10) 352/1-02 Trenches and channels for light current cables – Part II
- 11) 353/1-02 Main earthing network - Part II
- 12) 383/1-02 Hot water network on power plant area - Part II
- 13) 400/1-03 Pipe laying on ± 0.0 - construction works Part II
- 14) 400/1-04 Basement and encasing of the pipe bridge between the Auxiliary nuclear building and RAW
- 15) 401/1-02 Pipe channels - Part II
- 16) 442/1-02 Dieselgenerator station for Power Block II
- 17) 442/1-04 High-pressure air compressed station for Power Block II
- 18) 442/1-06 Lube oil system of DGS II
- 19) 490/1-02 Turbine hall of Power Block II
- 20) 490/1-04 TG basement / Unit 3 (31, 32, 41, 42)
- 21) 510/1-02 Unit 1 Power block transformer basements
- 22) 522/1-02 100 and 400 kV external substation within Power Block II
- 23) 566/1-02 Fuel oil discharging – DGS II
- 24) 566/1-04 Oil discharging
- 25) 568/1-02 Fuel oil system – DGS II
- 26) 622/1-02 Railways crossing basement - Power Block II transformer
- 27) 800/1-02 Reactor building – Power Block II
- 28) 801/1-02 Auxiliary nuclear building – Power Block II
- 29) 802/1-03 Bridge between Power Block II and Auxiliary nuclear building II
- 30) 802/1-04 Bridge between Power Block I and Power Block II
- 31) 803/1-02 Ventilation stack – Power Block II
- 32) 804/1-02 Air ducts to stack - Power Block II
- 33) 805/1-02 Lengthwise electrical equipment area - Power Block II
- 34) 806/1-03 Cross electrical equipment area at Unit 3
- 35) 806/1-04 Cross electrical equipment area at Unit 4
- 36) 806/1-01 Radioactive waste disposal
- 37) 810/1-03 Emergency feedwater supply for Unit 3

- 38) 810/1-04 Emergency feedwater supply for Unit 4
- 39) 942/1-02 Walkway for guards
- 40) 331/11-01 Recultivation of construction site installation area
- 41) MGZS buildings according to POV except for roads, waterworks and their parts.

on the lot numbers 2477/2, 1751/1, 1737/2 in Mochovce cadastral area in Mochovce village is according to §66 of the Building Law as amended by §25 and the following Decree No. 85/1976 Coll. on detailed arrangement of building permission proceedings and the building order

permitted.

The following obligatory conditions are determined for the construction erection:

1. The construction will be carried out according to documentation verified within the building permission proceedings; the documentation makes a part of this construction permit. Potential amendments shall not be made prior being approved by the Building Office.
2. The building owner will provide for staking of the site area according to the decision on location of the construction by an authorised authority of organisation.
3. At construction erection all directives related to labour safety and technical equipment shall be kept; it is also necessary to take care of health and life of people present on the site.
4. Relevant provisions (related to any construction) of the Decree No. 83/1976 Coll. which regulates general technical requirements put on construction and relevant technical standards shall be followed at construction erection.
5. The construction shall be finished within 15 month at the latest as this decision entered into force.
6. The construction shall be made using the following suppliers:
 - Building part supplier: Hydrostav, n.p., nám. SNP č. 14, Bratislava
 - Technological part supplier: Výstavba elektráren Škoda k.p. Prague
 The construction will be supervised by Mochovce NPP investor technical supervisor.
7. Individual buildings will be erected according to the verified building layout in 1:2000 scale, drawing No. 413-0-032792 elaborated by Energoprojekt, an engineering and design special organisation Prague with the Order Number 23-7453-02-001 within November 1985.
8. According to the Decision of the Czechoslovak Nuclear Safety Authority Prague No. 36/86, the investor shall incorporate all changes resulted from the submitted list of differences in technical solution of the Construction 3 Basic Design against the Construction 2 in relevant Mochovce NPP quality assurance programmes to 30 September 1989.

Considering sanitary regulations, the following shall be performed:

- Monitoring of coolant radioactivity in the primary circuit by the system for gamma spectrometry monitoring within 3 months prior the Unit physical start up.
- To implement additional measures in order to exclude a possibility of fuel transport container integrity impairment due to its drop prior the first fresh fuel supply.

To fulfil conditions of the Slovak Labour Safety Office Bratislava (hereinafter referred to as SUBP) included in the minutes of meeting from 28 August 1986 which makes an inseparable part of SUBP statement No. 2, 1, 2-752/86/S1 dated 22 September 1986.

Considering fire protection, the following shall be performed:

- To follow comments given in the written statement of the Regional National Committee of Western Slovakia - Regional Fire Protection Inspectorate Bratislava (hereinafter referred to as ZsKNV - KIPO) No. PO-167/5/86 dated 21 March 1986.
- The investor shall submit an opinion of the Russian party on solution of the reactor building 800/1-02 safety.
- To place a parallel signalling of basic states (additional control room) in the fire stations, building No. 656/1-01.
- To follow comments of HSPO of the Ministry of Interior of the SSR related to self-actuating sprinkling devices in cable channels and in areas proposed by SSZ.

To respect relevant valid Czechoslovak technical standards at the construction erection, especially ČSN 34 1050, ČSN 32 3320, ČSN 38 2156, ČSN 73 0872, ČSN 73 0802, ČSN 38 2156, and ČSN 65 0201.

9. The construction shall not be commenced prior the construction permit entries into force (§52 article 1 of the Act No. 71/1967 Coll.).
The construction permit will expire if the construction does not start within 2 years after its entry into force.
10. The building owner shall fulfil all conditions under which the construction is permitted; as the construction permission is delivered, the building owner takes account of them and undertakes to fulfil them.
11. The investor undertakes to take into account all comments of authorities which will result from prepared measures for nuclear safety enhancement.

R e a s o n s :

The Building Office reviewed the submitted application for the construction permit within the building permission proceedings taking into account viewpoints mentioned in provisions of § 62 articles 1 and 2 of the Building Law, and it found out that neither interests of the company nor rights and justified interests of the proceeding participants are endangered, or inadequately limited or jeopardized by the construction completion and future use. The construction documentation fulfils requirements determined by the Decree No. 83/1976 Coll. on General Technical Requirements on Construction, as well as conditions of the urban planning decision on the construction location. During the building permission proceedings, the Building Office did not find any reasons which could prevent the construction to be permitted.

Permanent exclusion of agricultural and forest lands was solved in previous proceedings, because this construction permits follows the construction permits already issued with the following numbers: Výst.565/83 dated 30 March 1983, Výst.1762/83 dated 19 August 1983, Výst.2033/83 dated 2 September 1983, Výst.2199/84 dated 28 September 1984, Výst.665/85 dated 15 May 1985 and Výst.974/86 dated 27 June 1986.

The civil structures which can affect water conditions were approved according to §13 of the Act No. 138/73 Coll. by the relevant water management authority, ZsKNV PLVH Department Bratislava on 27 June 1986 in the decision Ref. No.PLVH-4/701/1986 and on 16 October 1986 in the decision Ref. No.PLVH-4/1141/1986.

Instruction

It is possible to appeal against this decision within 15 days after being delivered. A notice of appeal shall be served to the local department.

Head of Construction and
Urban Planning Department

Ondrej J u h á s z

Distribution List:

- 1) Nuclear Power Plant, concern, Mochovce – 10 copies plus an approved documentation
- 2) Building part supplier: Hydrostav, n.p., nám. SNP 14, Bratislava
Technological part supplier: Výstavba elektrární Škoda k.p. Prague
- 3) Local National Committee, Kalná nad Hronom
- 4) Regional National Committee of Western Slovakia, Agricultural, Forest and Water Management Department
- 5) Regional National Committee of Western Slovakia, Fire Protection Regional Office
- 6) Regional Hygiene Office
- 7) SUBP Bratislava
- 8) Survey Engineering (Geodesy) Office Levice



July, 2009

**Land use permit, Výst.
3818/81 of 28th January 1982,
ONV, Department of
construction and ÚP, Levice**

ANNEX 0.2



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This decision is valid and enforceable

Levice, 7.2.1982

Head of the building and land-use planning section

[illegible signature – translator]

District national committee, building and land-use planning section, Levice

Reference No.: Building 3818/81

Levice, 28 January 1982

Investičná výstavba energetiky Slovenska

Pražská 29

814 25 Bratislava

Decision on the location of buildings (siting Permit)

On 22 November 1981, IVES – Investičná výstavba energetiky Slovenska in Bratislava, submitted an application for the issuing of a decision on the location of buildings in the construction project

Mochovce Nuclear Power Station

Stage 1 of construction (site preparation)

Stage 2 of construction (VVER 2 x 440 MW blocks 1 and 2)

Stage 3 of construction (VVER 2 x 440 MW blocks 3 and 4)

on land with parcel numbers in the locations specified below in the cadastral territory of the municipalities of Mochovce, Veľký Ďúr (cadastral district Horný Ďúr), Kalná nad Hronom (cadastral district Kalnica), Nový Tekov (cadastral district Marušová) and Malé Kozmálovce, which are owned or managed by the JRD 29 augusta collective farm, Kalná nad Hronom, the Nový Tekov Breeding Institute, the Západoslovenské štátne lesy forestry agency, Levice, the Czechoslovak state administered by the local national committees of Malé Kozmálovce and Nový Tekov and the Watercourse Administration in Bratislava, the District Roads Administration in Levice, the Roman Catholic Church (in the municipality of Malé Kozmálovce) and private owners.

The building and land-use planning section of the District National Committee in Levice, as the competent building office authorised in accordance with section 119 (1) of Act no. 50/1976 Zb. by the land-use planning section of the Western Slovakia Regional National Committee Bratislava in authorisation no. ÚP 311/80 of 26.8.1980, has assessed the application in accordance with sections 37 and 38 of Act no. 50/1976 Zb. on land-use planning and the building code and section 8 of Decree no. 85/1976 Zb. and hereby issues

a decision on the location of construction

for structures in the first, second and third stages of the construction of the Mochovce Nuclear Power Station as follows:

I. Stage 1 of construction (site preparation)

1. Road to the main construction site
2. Parking lot at the main construction site
3. Site for the cooling system
4. 22 kV power line Nový Tekov – transmitter R 09 on Veľká Vápenná
5. Rerouted forest roads
6. Store no. 2 for tree stumps and woodchips
7. Site drainage
8. Site equipment for GDS for stages 2 and 3 of construction.

II. Stage 2 of construction (VVER 2 x 440 MW blocks 1 and 2)

1. Structures relating to industrial water
2. Alternative water source from Kalná nad Hronom
3. Store for inactive waste

III. Stage 3 of construction (VVER 2 x 440 MW blocks 3 and 4)

Specification of the plans for the main site modified since land-use decision Výst. 2044/81 of 10.7.1981 on land in the cadastral districts and parcels specified below:

I. Stage 1 of construction (site preparation)

1. Road to the main construction site

The structure is located on parcels no. 2341 and 2245/1 which are agricultural land used by the JRD 29 augusta collective farm Kalná nad Hronom and parcel no. 2370 – road and parcel no. 2009 – forest used by the Západoslovenské štátne lesy forestry agency, Levice.

The land is situated in the cadastral district of the municipality of Mochovce.

2. Parking lot at the main construction site

Situated on forest land used by the Západoslovenské štátne lesy forestry agency, Levice, parcel no. 2009 and parcel no. 2245/1, which is agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom. The land is situated in the cadastral district of the municipality of Mochovce.

3. Land for the cooling system

Situated on parcel no. 2003/3, which is agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom and parcel no. 2009 – forest land in the cadastral district of Mochovce. Also on parcel no. 1737 forest land in the cadastral district of Nový Tekov. Parcels no. 2009 and 1737 are used by the Západoslovenské štátne lesy forestry agency Levice.

All three cases involve additions to previously issued land-use decisions or specification of parcels and the purpose for which they are used because the site itself has already been approved in land-use decisions no. Výst. 3865/1980 of 22.10.1980 and Výst. 2044/1981 of 10.7.1981.

4. 22 kV power line Nový Tekov – transmitter R 09 on Veľká Vápenná

The route of the above-ground cable is situated on agricultural land in the cadastral district of Nový Tekov.

Parcels no. 3931, 3950, 3124, 2615, 2616, 2618, 3906 used by the JRD 29 augusta collective farm, Kalná nad Hronom,

Parcels no. 2649 and 2652 used by the Nový Tekov Breeding Institute,

Parcels no. 2799, 2798, 2617/3, 2619/2, 2620/3 used by private owners,

Parcels no. 3934/1, 3137, 3112, 3996/1, 3111, 2655 other land under the administration of the Local National Committee in Nový Tekov,

Parcel no. 1748 other land used by the Západoslovenské štátne lesy forestry agency, Levice

5. Rerouted forest roads

Situated on forest land used by the Západoslovenské štátne lesy forestry agency, Levice. The following parcels are affected:

1917, 1965 cadastral district of Malé Kozmálovce

1769, 1761, 1758, 1757, 1756, 1754, 1748/1, 1749, 1747, 1746, 1742, 1741, 1740, 1739, 1738, 1737, 1736, 1735, cadastral district of Nový Tekov

6. Store for tree stumps and woodchips

To be situated in the cadastral district of Mochovce on parcels no. 806, 825/2 and 451/3

The parcels are agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom.

7. Site drainage

The route of the pipe crosses parcel no. 2245/1 in the cadastral district of Mochovce, which is agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom.

8. Site equipment for GDS for stages 2 and 3 of construction.

Construction will take place on parcels no. 2537/2, 2341, 2414 and 2447, which are agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom, and on parcels no. 2506, 2667, 2274/2, 3226 and 2370 registered as other land and parcel no. 3056, a stream, under the administration of the Levice Centre of the State Land Improvement Administration (*Štátna melioračná správa*), Bratislava. The land is in the cadastral district of Mochovce.

Land-use decision no. Výst. 3865/1980 of 22.10.1980 included parcels for the construction of rerouted forest roads and the 22 kV power line Nový Tekov – R 09 Veľká Vápenná that do not include the affected land. Therefore the building office cancels points 2 and 3 on pages 3 and 4 in full by a **separate decision**.

II. Stage 2 of construction (VVER 2 x 440 MW blocks 1 and 2)

1. Structures relating to industrial water

situated in the cadastral district of Malé Kozmálovce on parcels no. 1067/1, 1105/1, 1108, 1105/2, which is agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom, and parcel no. 1112 – other land used by the Levice District Roads Administration, and parcels no. 1116, 1493/1 – other land used by the Hron River Authority (*správa Povodia Hrona*) and 1174 used by the Roman Catholic church in Malé Kozmálovce.

In the cadastral district of Nový Tekov on agricultural land with the following parcel numbers: 4027, 3950, 3959, 3931, 3906, 3131, 3135, 1744/1 used by the JRD 29 augusta collective farm, Kalná nad Hronom,

4029, 4023/1, 4016, 1856, 3813 used by the Nový Tekov Breeding Institute,

3182, 3181, 3180, 3174, 3173, 3169, 3168, 3164, 3159, 3156, 3149/2, 3149/1, 3148, 3939, 3141/1, 3141/2, 3132, used by private owners,

3163, 3160 under the administration of the local national committee in Nový Tekov,

on other land

in the cadastral district of Nový Tekov on parcels no. 4026/1, 4025, 3995, 3934/1, 3998/1, 3933/2, 3138, 3135 under the administration of the local national committee in Nový Tekov, parcels no. 4026/2, 4028, 1879, 4014 used by the Nový Tekov Breeding Institute,

parcel no. 1881 used by the JRD 29 augusta collective farm, Kalná nad Hronom

watercourses on parcels 1866 and 3933/1 used by the Hron River Authority,

forest land on parcels no. 1743, 1741, 1739, 1746, 1749, 1754, 1740, 1742 used by the Západoslovenské štátne lesy forestry agency, Levice

2. Alternative water source in Kalná nad Hronom

The route of the pipe crosses the cadastral territories of Kalnica, Marušová, Nový Tekov and Mochovce.

Cadastral district Kalnica

parcel no. 893/1 agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom.

Cadastral district Marušová

parcels no. 658, 685 agricultural land used by the JRD 29 augusta collective farm, Kalná nad Hronom.

parcels no. 662, 659 – other land used by the JRD 29 augusta collective farm, Kalná nad Hronom.

parcel no. 658 – water used by Western Slovakia water and sewerage enterprise (Zs VAK) Bratislava.

Cadastral district Nový Tekov

agricultural land on parcels no. 1477, 930, 1217, 1216 used by the JRD 29 augusta collective farm, Kalná nad Hronom,

parcels no. 1248, 3849, 1687, 1692 used by the Nový Tekov Breeding Institute,

parcel no. 1689 forest land used by the Západoslovenské štátne lesy forestry agency, Levice
other land

parcels no. 1348, 1343, 1694, 1693, 1641 used by the Nový Tekov Breeding Institute,

parcel no. 1642 used by the JRD 29 augusta collective farm, Kalná nad Hronom

parcels no. 1347/2, 1349 used by the Levice District Roads Administration

Cadastral district Mochovce

agricultural land

parcels no. 3253, 2537/2, 2341, 2068/1, 2022/1, 1751 used by the JRD 29 augusta collective farm, Kalná nad Hronom

other land

parcels no. 3256, 3255, 3226, 1747/2 used by the JRD 29 augusta collective farm, Kalná nad Hronom

parcels no. 3256, 421/2, 421/1, 420, 2131 used by the Levice District Roads Administration

parcel no. 2018 used by the Západoslovenské štátne lesy forestry agency, Levice

forest land

parcels no. 3386, 3387, 3388/1, 2017, 2011 used by the Západoslovenské štátne lesy forestry agency, Levice

3. Store for inactive waste

This will be situated on parcels no. 919, 946/1, 1219, which is forest land used by the Západoslovenské štátne lesy forestry agency, Levice, situated in the cadastral district of Horný Ďúr.

Waste will be transported across forest land parcels no. 2043, 2040, 2045 and forest road parcel no. 2054 used by the Západoslovenské štátne lesy forestry agency, Levice.

The affected land is shown on plans, which were presented for inspection at oral proceedings and are held at the building and land-use planning section of the district national committee in Levice.

The following conditions are set for the location and design of the various structures:

- 1) to abide by the conditions set in the Single Combined Standpoint of the Western Slovakia regional national committee Bratislava issued by the section under reference no. Výst. 80/1980-Má and the amendments, reference no. Výst. 203/81-Má of 28 May 1981 and reference no. Výst. 241/81-Má of 13 July 1981
- 2) to abide by the conditions set by the regional hygiene office of the Western Slovakia regional national committee Bratislava in decision no. 1890-244.9/1981 of 2.8.1981 and decision no. 1636-241.1 of 23.7.1981 and the requirements laid down in the minutes taken at the regional hygiene station in Bratislava on 8.12.1981.
- 3) to comply with the conditions set it in the standpoint of the State Energy Inspectorate in Trenčín, reference no. 1251/587/81/V/Bá of 11.8.1981
- 4) to comply with the conditions included in land-use decision no. Výst. 3865/1980 of 22.10.1980.
- 5) to take into consideration in design work the requirements of ZSE k.p. Bratislava relating to the way in which the power line should cross intake and/or waste pipes.
- 6) the applicant must provide a solution for the radio-relay connection to transmitter R 09 by the date for submission of the application for the building permit for any structure in stages 2 and 3 of construction, or obtain the consent of the operator of the transmitter for a delay by this date.
- 7) the route of the feed line of the alternative water source shall follow the reconstructed Kalná nad Hronom – Mochovce road in such a way that the route from the source to the road is as short as possible.
- 8) to comply with the requirements of authorities and organizations added to their original decisions or standpoints, or which have been agreed with the investor.

9) in the case of structure no. 4, 22 kV power line Nový Tekov – transmitter R 09 on Veľká Vápenná, structure no. 6, store for tree stumps and woodchips, and structure no. 2, alternative water source from Kalná nad Hronom, this is a withdrawal of agricultural land in accordance with section 25 of Act No. 124/76 Zb. for a period of 1 year.

Rationale

The applicant submitted the application for the location of structures relating to stages 1, 2 and 3 of the construction of the Mochovce Nuclear Power Station in Levice District, Western Slovakia Region, sector and subsector industry, production of heat and electricity. The investor is Investičná výstavba energetiky Slovenska, Bratislava, whose managing authority is the Federal Ministry of Fuels and Power, Prague. The chief designer is Energoprojekt. The senior contractors for construction are Hydrostav n.p. Bratislava and Vahostav n.p. Žilina, the contractor for equipment is Oborový Podnik Škoda Plzeň. The construction project is a nuclear power station with a total output of 4 x 440 MW, and the production of heat for the municipalities of Levice, Nitra, Vráble and Tlmáče.

The applicant justifies the application both on the basis of a change in the general plan for the main site, where there has been a change in the positioning of the main blocks and the cooling equipment and also improvements in the economic and technical efficiency of the industrial water supply.

The application was supported by the Single Combined Standpoint of the Western Slovakia regional national committee Bratislava.

Prior consent for the withdrawal of agricultural land from agricultural production was issued by the Ministry of Agriculture and Food of the Slovak Socialist Republic under no. 10698/81-PV on 10.12.1981.

Consent for the withdrawal of forest land was issued by the PLVH section of the the Western Slovakia regional national committee under no. 3./694/1981 on 7.5.1981.

The building and land-use planning section of the Levice district national committee informed all parties to the proceedings and affected state administrative bodies of the start of on 29.12.1981 under reference no. Výst. 3818/1981 and oral proceedings took place on 12.1.1981.

The standpoints of the parties are included in the conditions for this decision or have been included in the land-use decisions no. Výst. 3865/1981 of 22.10.1980 and Výst. 2044/1981 of 10.7.1981.

The land is shown on the plans, which are held at the building and land-use planning section of the Levice district national committee and which form an integral part of this decision.

The location of the structures satisfies general technical requirements in accordance with Decree no. 83/1976 Zb.

The location of the Nuclear Power Station in Mochovce was decided by this department in accordance with decision no. 221 of the government of the CSSR of 7 September 1978.

This decision shall remain in force for 2 years from its entry into force in accordance with section 40 (1) of Act no. 50/1976 and shall not terminate if an application for a building permit is submitted during this period or an application for the extension of validity is submitted during this period.

An appeal against this decision may be submitted to the land-use planning section of the Western Slovakia regional national committee through the building and land-use planning section of the Levice district national committee up to 15 days from the date of this announcement

Head of the building and land-use planning section of the Levice district national committee

Ing. Czúdor Arpád

Annexes:



July, 2009

**Decision of Regional Office in
Nitra No. 97/02276-004 004 of
5th May 1997, KÚ in Nitra,
Department of environment**

ANNEX 0.3



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REGIONAL OFFICE

In NITRA

949 80 NITRA, Štefánikova trieda 69

File No.: 97/02276-004
To the construction permit
No. Výst.2010/86 dated 23 January 1986

In Nitra on 5 May 1997

Ref: Construction completion deadline change

Slovenské elektrárne Mochovce, a.s., Mochovce NPP, Branch asked on 17 April 1997 by the letter Ref. No. 8.2/5010/Ša/AJ/906/97 the Regional Office in Nitra - The Environmental Department for changing the completion deadline of the construction:
“Mochovce Nuclear Power Plant, WWER 4x400 MW – Construction 3”.

The Regional Office in Nitra – The Environmental Department as a relevant building office according to the provision of §123 of the Act No. 50/79 Coll. (Building Law) as amended and §4 article 1 of the Act No. 595/1990 on State Administration for the Environment as amended

changes

the legal construction permit No. Výst.2010/86 dated 12 November 1986 awarded by the District National Committee in Levice, Department of Construction and Urban Planning in point 5 of conditions for the construction erection:

- **the construction shall be completed to 31 December 2005 at the latest.**

RNDr. Július Szabó
Head of the Environmental Department

For information:
Slovenské elektrárne, a.s.
Mochovce NPP Branch, 935 39 Mochovce



July, 2009

**Decision KSÚ in Nitra No.
2004/00402-007 007 of 15th
July 2004, Nitra**

ANNEX 0.4



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DECISION

Slovenské elektrárne a.s. Bratislava, Mochovce NPP Units 3&4, Branch (SE, Bratislava a.s., Mochovce NPP Units 3&4 Branch) asked on 2 June 2004 for changing the completion deadline of the construction:

Construction 3 Mochovce Nuclear Power Plant WWER 4x440 MW

located in lands of the lot number 2477 in Mochovce cadastral area, Kalná nad Hronom and the lot number 1751 in Nový Tekov cadastral area, district Levice.

The Regional Building Office in Nitra as a relevant building office according to §123 of the Act No. 50/1976 Coll. on Urban Planning and Building Order as amended (Building Law) discussed the request according to §68 of the Building Act in such as a scope as the construction change prior its completion concerns rights, legal-protected interests or obligations of participants of the above-mentioned proceeding as well as interests protected by affected state administration authorities, and decided as follows:

Valid construction permit awarded by the District National Committee in Levice, Department of Construction and Urban Planning with the Ref. No. Výst.2010/86 dated 12 November 1986

is changed

in point 5 of the obligatory conditions of the construction erection so that:
“The construction completion deadline is set to 31 December 2011.”

This decision makes an inseparable part of the construction permit No. Výst.2010/86 dated 12 November 1986.

S u b s t a n t i a t i o n

SE, Bratislava a.s., Mochovce NPP Units 3&4, Branch (the building owner) asked the relevant building office for changing the completion deadline of the construction “Construction 3 – Mochovce Nuclear Power Plant WWER 4x440 MW” (hereinafter referred to as Construction) to 31 December 2011. The building owner stated in its application Ref. No. MO34/2004/003607 dated 27 May 2004 that the construction started to be built in 1986; it was not completed to April 1996 set in the construction permit No. Výst.2010/86 dated 12 November 1986 and it is expected that it will not be finished to 31 December 2005 stated in the notice Ref. No. 97/02276-004 dated 5 May 1997 issued by the Regional Office in Nitra, the Environmental Department which makes an inseparable part of the above-mentioned

construction permit. A "preliminary schedule of Mochovce NPP Units 3&4 completion" where 31 December 2011 is set as a deadline of the construction completion is enclosed to the application.

The building owner substantiates its application by the fact that the construction is unfinished and kept in good technical condition so that it does not affect the environment. The building owner now provides for analyses, studies and technical concepts, and prepares a financial and supply model aimed at Mochovce NPP Units 3&4 completion preparation.

The Building Office informed on commencement of proceedings on the construction change prior its completion to individual participants and affected state administration authorities by the letter Ref. No. 2004/00402-002 dated 18 June 2004.

The following affected state administration authorities expressed their opinions on the construction change prior its completion:

- 1) Nuclear Regulatory Authority of the SR
 - The opinion Ref. No. 1647/320-244/2004/HI dated 30 June 2004
 - The affirmative opinion Ref. No. 1647/320-244/2004/Hi dated 8 July 2004 with comments related to meeting requirements given in the letter as well as in the opinion on the completion concept making and annex to this letter
- 2) National Labour Inspectorate
 - The affirmative opinion Ref. No. 1668-2, 5/2004/Dk dated 6 July 2004.

The opinions are neither negative nor contradictory; as resulted from them, the construction change prior its completion consisting in Mochovce Construction 3 deadline change on 31 December 2011 can be permitted.

SE, a.s., Mochovce NPP, Branch, as the proceeding participant, commented the proceeding and submitted an affirmative opinion by the letter ref. No. EMO/2004/0265551 dated 2 July 2004.

I n s t r u c t i o n

It is possible to appeal against this decision within 15 days after being delivered according to §54 of the Act No. 71/1967 Coll. on Administration Proceedings to the Regional Building Office Nitra, Lomnická 1, P. O. Box 55/C, 949 01 Nitra.
This decision can be inquired by court after application of usual remedial instruments.

Mr. František Halás
Chairman

To be distributed according to page 3.



July, 2009

**ÚJD SR - DECISION no.
246/2008 - Number: 684/320-
231/2008 - Trnava, August 14,
2008**

ANNEX 0.5



A world of
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Nuclear Regulatory Authority of the Slovak Republic,
Bajkalská 27, P.O.Box 24, 820 07 Bratislava 27,
Trnava workplace, Okružná 5, 918 64 Trnava

Number: 684/320-231/2008

Slovenské Elektrárne, a.s.
Units 3 and 4 of NPP Mochovce
935 39 Mochovce

DECISION no. 246/2008

The Nuclear Regulatory Authority of the Slovak Republic (hereinafter as “authority”) as factually administrative body according to § 4 par. Letter j) of the Act no. 541/2004 Coll. about use of nuclear energy for peaceful purposes (Atomic Act) and about change and completion of some Acts according to Act no. 238/2006 Coll., Act no.21/2007 Coll., Act no.94/2007 Coll. and Act no. 335/2007 Coll. and according to § 121 par. 2 letter e) of the Act no. 50/1976 Coll. about landscape planning and building regulations (hereinafter as “building act”) as amended negotiated the builder application according to § 39a par. 3 letter d), §55, §62, §68 of building act and decided as follows:

Change of construction before finishing “**Nuclear Power Plant Mochovce VVER 4x440 MW 3rd construction**” in the area of Slovenské Elektrárne a.s. NPP Mochovce Units 3 and 4 is being

permitted

within the scope of UJV Řež a.s. design – EGP Prague division, Vyskočilova 3/741, P.O.Box 158, Praha in compliance with § 66 of the building act.

The change of construction before finishing will be performed in following scope:

Buildings of 3rd construction and related buildings of the 2nd construction:

320/1-08 External barrier – demolition of a part of the fencing in the area of leading-in and side lodge

320/1-09 External barrier – establishment of the new entrance for the building vehicles.

320/1-10 Basement of the internal barrier – new open-pit points of line.

320/1-12 Fencing of ventilation towers of the 2nd MPB - new open-pit points of line.

320/1-18 Temporary fencing, 320/1-19 temporary fencing (between units 3 and 4) – Change of the technical solution of the fence, location of the open-pit points and structure of founding.

320/1-20 Temporary fencing – new building that will be used for separation of the part of operated power plant and the part under construction Building 599/1-01 and after its finishing

it will be dismantled and final modification of the landscape will be done by spreading the topsoil to the level of 237.100 m over the sea level. It is an over-ground line building that once crosses already existing road. On the line of the fence there will be 2 pieces of double-wing gates 4000/2500mm. Total length of fencing is 315.300 m, the fence height over the landscape is 500 mm plinth + 2000 mm mesh + 500 mm bracing with stressing wire. The fencing consists of 12 sections among 14 open-pit points. The fence structure is from steel thin-wall columns, mesh and rod beams in "V" shape with three hangers for stressing wire. The whole line of the fence is equipped by the cameras of industrial TV. The cameras are located on independent columns, power supply and data technological cabling is located in the gaps anchored on the fencing columns, lightening devices are located on original columns. Location of temporary construction see drawing no. **SO41601A02V**.

350/1-02 Cuts and channels of power cables 2nd part – Removal of channels EK 328S and EK 428, construction and seismic reinforcement of the new channels of EK 328S, EK 459EK 361, EK 362, EK 363, EK 460.

352/1-02 - Cuts and channels of light-current lines – cancelled

360/1-04 – Rain water sewerage – Changes of spill way lines and shafts, new smaller lines.

361/1-04 – Sanitary sewerage – Change of materials and small parts of the lines.

362/1-04 – Industrial sewerage - Change of materials and small parts of the lines.

371/1-03 – Drinking water system - Change of materials, shafts and small parts of the lines.

372/1-03 – Fire and utility water system - Change of materials of all the lines.

383/1-02 – Thermal network in the area of the power plant – 2nd part – new seismic-resistant pipeline channel PKS 91(90) with the line of heating water and cool form the channel TK 21 (32) and changes in channels TK21, TK32 and TK42.

400/1-04 – Foundations of the pipeline bridge between building 801/1-02 and 801/1-01 – new building for transport of liquid radioactive wastes from building 801/1-02 Reactors building of the 2nd MPB to 801/1-01 FS KRAO, along building 442/1-02 DGS of the MPB. There will be a steel pipeline bridge based on foundation of reinforced concrete that will carry three pipelines for sorbent, concentrate and one pipeline will be a reserve one. According to the transport the building is connected to communication system of the 3rd construction. The built-up area is 42 m², total length of the line is 192 m. The steel structure of the bridge is along building 801/1-01 and 1-02 fixed on brackets anchored into reinforced concrete wall of the auxiliary nuclear buildings. In the free area between the buildings there is a pipeline located on the bridge with steel columns mounted into reinforced concrete footings. The steel structure (hereinafter as "SS") of the bridge is elaborated in DPS 3.54.04. The foundation footings are from reinforced concrete, they are monolithic from the concrete of C16/20-B20 class, reinforced by the steel of 10335 (J). 22 pieces of footings will be with dimensions of 1.0 x 1.3 m and height of 1.5 m. One footing as a fixed point will have dimensions of 1.3 x 2.2 m and height of 1.85 m. For location of the foundation see drawing no. **SO41620A02V** and from ground plan and footings cross-section see drawing no. **SO41620A03V**.

400/1-05 Foundation for dry riser – building permitted by Regional authority for the environment Nitra, division of state water management no. 2008/00375 from April 21st, 2008.

401/1-02 Pipeline channels 2nd part A, E, F, H – removal of the pipeline channel TK32 and building of the new channels PKS90 and PKS91.

442/1-02 Diesel generator station of the 2nd MPB – Exchange of the roof coat, reinforcement of partition walls and exchange of fire-resistant doors.

442/1-04 High-pressure compression station – 2nd MPB - Exchange of the roof coat and exchange of fire-resistant doors.

442/1-06 Oil management of DG station of 2nd MPB – Exchange of aisle roof by saddle roof, exchange of fire-resistant doors and covers and addition of firewalls.

442/1-07 Common diesel generator station of the 2nd MPB – New building standing independently with dimensions of 19 x 14.90 m, located next to building 568/1-02 and 566/1-02 connected by the channel. The building specifies the area for foundation for placement of the container with DGS and strengthened area for service. Next to the foundation there is the underground part of the building divided into area of the tank with diesel oil of 30m³ and turbine hall. The foundation for DGS has dimensions of 15.00 x 3.00 x 0.85 m, it is designed from reinforced concrete from concrete of C16/20 – B20 class. The manipulation area is (except the roof of the underground part) is made of reinforced concrete paving bricks set into the cement bedding. The underground part of the building – the tank, will be located on the concrete foundations. The tank structure is monolithic reinforced concrete bath insulated against oil products leakages. The tank bottom is on the level of approximately –4.80 m. Vertical bearing walls and ceiling bearing structures are monolithic reinforced concrete of 400 mm thickness. The roof over the underground area is ascendable with concrete pavement. Built-up area is 272.30 m². Extension area: 886 m². Maximum depth of foundation is –5.900 m. For location of the building see drawing no. **SO41689A03V**.

490/1-02 Turbine hall of the 2nd MPB – Units 3 and 4 – Exchange of the roof coating, reinforcement of roof SS, reinforcement of external cladding bracing, exchange of 2 pieces of gates, new outbuildings of the turbine hall extinguishing device, new building of the switch room, roofing of the aeration channel, completed gallery of visitors, exchange of fire-resistant doors, new hydrazine tank. Seismic reinforcement of the roof – horizontal bracing of the roof girders Z2, Z4, diagonal D2 of the nogging piece, girder V1 – lower band, horizontal bracing of the roof girders – middle band, vertical noggin piece in row A.

510/1-02 Foundations of transformers with oil tanks of the 2nd MPB – new standings including connection to oil pits and two new baths for fire water collection.

522/1-02 External switchyard 110 kV and 400 kV – 2nd MPB – removal of the footings and their new location, new cable channels.

566/1-02 Racking of the diesel oil and oil of the 2nd MPB – consolidation of the building 566/1-04 and 566/1-02 – new racking place, channel and emergency tank.

580/1-04 Ventilation cooling tower II-1, 580/1-05, Ventilation cooling tower II-2, 580/1-06 Ventilation cooling tower II-3 – Exchange of asbestos, massive reinforcement in SS, reinforcement of concrete structures of the intermediate bracing walls. Seismic reinforcement means addition of vertical steel bracings, reinforcement of reinforced concrete vertical walls in longitudinal axis of the tower over the edge of the vessel up to +4.20m.

581/1-05 Draft cooling tower 31, 581/1-06 Draft cooling tower 32, 581/1-07 Draft cooling tower 41, 581/1-08 Draft cooling tower 42 – Exchange of asbestos material of cooling tower internal by new one – plastic.

584/1-02 Central pumping station of non-essential service water and non-system fire water of the 2nd MPB – reinforcement of the roof beams, reinforcement of SS by exchange of bracings, disassembly of the roof coating and assembly of the new one, exchange of fire-resistant doors.

584/1-04 Pumping station of the essential service water, utility and system fire water of 2nd MPB – reinforcement of SS by exchange of the bracings, reinforcement of roof beams, exchange of fire-resistant doors. Seismic reinforcement means exchange of longitudinal bracings in row A and C, reinforcement of the lower band of beams and reinforcement of boundary diagonal of the beams.

622/1-02 Foundation of the transversal rail for transformers of the 2nd MPB – new lining of the railways.

652/1-01 Side lodge – the new building functionally replaces the temporary side lodge made from UNIMO cell and it will be used as entrance and exit lodge including all securing and check functions. The side lodge is located in north-west part of EMO area, west from existing

building of 881/1-01. Location corresponds with original lodge. Ground plan dimensions of the building on the level of ± 0.000 are 20.900 x 17.600 m, the height of attic is 4.920 m over the modified landscape, level of footing base -1.300 m and -1.600 m. There are connections of drinking water system, fire water system, sanitary sewerage, rain water sewerage, hot water connection, return cooled water, cable channel (heavy current, telephone connection, EPS) in the building. The control area for vehicles together with pavements is 19.75 m wide and 23.00 m long. Between the traffic lanes there is a steel ramp with steps to the lodge and main entrance. The area for control activities is covered by light structure with headroom height of 5.30 m. The bearing structure is made of columns and steel tubes, horizontal beams and polycarbonate boards. The covered area of the drive-in is 223.380 m². The building will be accessible from the road by the pavement that within the framework of building 690/1-03 connects to an area reinforced by inter-pavers before entrance to ledger. For location of the building see drawing no. **SO41660A04V**.

670/1-03 Interplant train part 3 – building was permitted by the Authority for regulation of the railway transport with no. 1987/08 – ŠSÚ/J-Vg from June 16, 2008.

670/1-06 Drainage of interplant train part 3 – new draining shaft.

800/1-02 Reactor hall of the 2nd MPB – reinforcement of cellular concrete panels, reinforcement of bricked walls, reinforcement of SS roof, reinforcement of SS columns, civil modifications for solution of beyond design accidents, exchange of the lifts, new gallery for visitors, exchange of fire doors, disassembly of the old and assembly of the new roof coating. Seismic reinforcement of the gable walls, roof, columns in row G axis 218 and 220 and horizontal elements of the profile I.

800/1-02 Building of active auxiliary operations for 2nd MPB – additional building for the transport area, reinforcement of peripheral siporex panels, reinforcement of bricked walls, new reinforced concrete wall, exchange of fire doors, exchange of the lifts, disassembly of the old and assembly of the new roof coating. Seismic reinforcement means reinforcement of the transversal bracing in row 1, reinforcement of the staircase stringer, reinforcement of the beams in row 7, reinforcement of longitudinal bracings in V 4-5, G 11-12 V1 11-12, reinforcement of columns anchoring in part 01-7 and A-G in part 7-17 and V-G, improvement of peripheral panels fixation.

802/1-03 Connection bridge between 2nd MPB and building 801/1-02 – Disassembly of the old and assembly of the new roof coating.

802/1-04 Connection bridge between 1st MPB and 2nd MPB - Disassembly of the old and assembly of the new roof coating.

804/1-02 Air duct to ventilation stack of the 2nd MPB - Disassembly of the old and assembly of the new roof coating.

805/1-02 Areas of electrical devices longitudinally Units 3 and 4 – reinforcement of SS columns and bracings, yoking of the ceiling board and SS, gas-tight modifications of the rooms (main control room), new out-of unit control room, new gallery of visitors, exchange of the lifts, reinforcement of cellular concrete facades, reinforcement of bricked walls, disassembly of the old and assembly of the new roof coating, new fire-resistant doors. Seismic reinforcement of the transversal bracing in row 1, stringers between rows 01 and 1, beams in row 7, longitudinal bracings V4-5, G11-12, V1 11-12, anchoring columns 01-7 and A-G, 7-17 and V-G.

806/1-03 Areas of electric device transversally – Unit 3 - Yoking of the ceiling board and SS, air-conditioning for the control rooms, reinforcement of SS roof, disassembly of the old and assembly of the new roof coating, exchange of fire-resistant doors. Anchoring into the wall in row 310.

806/1-04 Areas of electric device transversally – Unit 4 - Yoking of the ceiling board and SS, air-conditioning for the control rooms, reinforcement of SS roof, disassembly of the old

and assembly of the new roof coating, exchange of fire-resistant doors. Anchoring into the wall in row 410.

810/1-03 Emergency feed water system Unit 3, 810/1-04 Emergency feed water system Unit 4 – Reinforcement of the ceiling board under the DEMI water tanks by 350 mm, reinforcement of the structure by SS, topping of the peripheral walls of the staircase.

810/1-05 Reserve water source – 2nd MPB – A new independent building standing in front of southern frontage of 806/1-03 (Areas of electric devices transversally – Unit 3). According to transport the building is connected to access road led from service road on the southern side of the building 810/1-03. The built-up area is 374 m², extension area is 2526 m². The ground plan dimensions of the building are 38.10 x 8.5 m. lower edge of the tanks +0.200 m, height of the building +4.440/+5.200 m, maximum depth of foundation –3.450 m. The building is cellaraged, partially double-floor. On –2.45 m floor there is a room for pumps and exchangers where there is a new channel and cable area connected into which there are new energy channels connected. On ±0.00 floor there is light current and heavy current switch room. Three steel tanks are set in the collection bath (on the level of +0.200m) with internal dimensions of 8.20 m x 23.95 m, height 4.00 m that is located next to bricked part of the building. The building structure is designed as reinforced concrete up to level of –0.100, monolithic with reinforced concrete peripheral walls with one over-ground floor. The over-ground part is bricked. The collection bath is next to bricked part of the building. The bath bottom is made of steel-concrete board with 750 mm thickness. The roof is flat. For location of the building see drawing no. **SO41682A03V**.

371/1-02 Drinking water system, 372/1-02 Fire and utility water system – relocation

510/1-01 Foundations of transformers with oil tanks of the 1st MPB – Removal of the old foundations, construction of the new cable channels and foundations.

522/1-01 External switchyard 110 kV and 400 kV – 1st MPB – Removal of the old foundations, construction of the new cable channels and foundations.

593/1-01 Decarbonisation of the chemical water treatment – 2nd construction – Disassembly of the original and implementation of the new tanks, change of staircase in the building of lime silos.

599/1-01 Sludge treatment of the chemical water treatment – new structures (tanks, building, sludge presses)

690/1-01 Interplant roads part 1 – Change of the line next to 881/1-01 Metrology station.

801/1-01 Building of active auxiliary operations 1st MPB – New room of the sorbent tank – change of usage purpose.

808/1-01 Radioactive waste liquidation – is not going to be realised, it is replaced by the building of final processing of liquid radioactive wastes.

840/1-01 Operational building – The subject of the solution is the new monitoring system of contaminated persons control and related building modifications on floors +10.500, +18.900 and 23.100m.

882/1-01 Low-pressure compressor station and cool source station – 2nd construction – New concrete collection tanks, modifications of the concrete columns.

Buildings with small building modifications:

350/1-01 Cuts and channels of the power cables, **351/1-02** Heavy current line 2nd part, **353/1-02** Main grounding network, **376/1-02** Control probes of bleeding, 2nd part, **400/1-03** Putting the pipeline to ±0.00 2nd part, **568/1-02** Diesel oil management 2nd MPB, **582/1-04** Cooling water pipeline in the towers circuit of 2nd MPB, **583/1-02** Cooling water channels in the towers circuit of 2nd MPB, **585/1-02** Sludge pipeline of the cooling towers of 2nd MPB, Cooling water pipeline in the towers circuit of 2nd MPB, **682/1-01** Modification of the road before building finishing, **690/1-02** Interplant road 2nd part, **690/1-03** Interplant road 3rd part,

690/1-06 Interplant road drainage 3rd part, **780/1-02** Civil defence shelter under 655/1-01, **803/1-02** Ventilation stack.

The authority in compliance with § 66 of the building act determines following binding conditions of the construction finishing:

1. To perform the change of construction before finishing according to design documentation verified by the authority in building proceedings.
2. The builder is obliged to fulfil the regulation related to work safety technical equipment and at the same time to pay attention to health protection and personal protection on site while performing building activities.
3. To maintain provisions of the building act, Decrees of the Ministry of Environment of the Slovak Republic no. 532/2002 Coll. about general technical requirements for buildings and corresponding technical standards while performing the building activities.
4. The builder is responsible for compliance of the buildings with the documentation verified in the building proceeding.
5. The builder **is obliged** to announce the **beginning of the building change** to the authority.
6. To finish the construction till **December 31st, 2013**.
7. To inform the authority about the building supplier in 15 days after the tendering results declaration.
8. To fulfil following conditions according to § 66 par. 2 letter b) and e) of the building act from binding standpoints of involved bodies:
 - 8.1 To provide removal of the shortcomings in the design documentation to assure safety and protection of personal health in compliance with § 7 par. 3 letter c) of the Slovak Republic Government Act no. 125/2006 Coll. about work inspection and about change and amendment of the Act no. 82/2005 Coll.:
 - a) In the technical report or design documentation there is not a solution of evaluated residual threads and dangers arising from proposed technical solutions, which is contrary to § 4 of the act no. 124/2006 Coll. about labour safety and health protection during the work and about change and amendment of some of the acts as amended (hereinafter as act no. 124/2006 Coll.)
 - b) In the text of WP 04.1 Revision and completion of Basic design for MO 34, B – Summarising technical report, there is mentioned the Act no. 124/2006 Coll. about labour safety and health protection and about change and completion of some of the acts according to amendment of the act no. 309/2007 Coll. and act no. 140/2008 Coll. is missing or listed only as amended.
 - c) In the document of WP 04.1 in the table of the act no. 264/1999 Coll. as amended there are cancelled legal regulations e.g. Decree of the Government no. 29/2001 Coll. and it should be Decree of the Government no. 35/2008 Coll. that is contrary to § 4 par. 1, § 6 par. 1 letter a), n) and § 13 par.1 and 2 of the Act no. 124/2006 Coll. and §10 par. 4, §13 of the Act no. 264/1999 Coll. as amended.

Deadline: In two months after this decision comes into force. The removal of shortcomings should be announced in written for to corresponding Labour Authority.

- 8.2 To maintain following conditions in compliance with §16 par. 1 letter b) point 2 of the Act no. 223/2001 Coll. about wastes:
- a) Arisen wastes will be separated and collected in compliance with §19 of the act no, 223/2001 Coll. about wastes (in case of contaminates wastes, category “N”, separately from wastes of category “O”)
 - b) Collection of wastes arisen during the building works before their further handling will be provided in compliance with §22 par.1 of the Ministry of Environment Decree no. 283/2001 Coll. as amended.
 - c) For substantial inspection the investor will submit the document about disposal of unusable wastes that have arisen during the building works, including the material balance.
 - d) When handling the wastes from building works, the originator is obliged to respect provisions of § 40 of the act no. 223/2001 Coll. about wastes as amended.
 - e) In case the arisen amount of dangerous waste crosses the limit defined in the decision by which the consent for dangerous waste handling was given to the originator, SE, a.s. NPP Mochovce Units 3 and 4 according to §7 par.1 letter g) of the act no. 223/2001 Coll. about wastes as amended, the waste keeper is obliged to ask for the change of subjected consent according to §75 par. 1 letter a) point 2 of the act about wastes.

8.3 To keep the provisions of §3 par.1 and §4 par.1 of the act no. 543/2002 Coll. about protection of nature and landscape as amended and in case that in relation to the construction it is necessary to chop down wood or bush growing out of the forest, it is necessary to continue in compliance with § 47 of the act no. 543/2002 Coll. and they will enclose to the application for building permit also the consent of Kalná nad Hronom for chopping down the wood. In case of necessity of excavation works near existing woods, it is necessary to perform these works manually to avoid damaging of the root system.

8.4 To maintain the location and height parameter till 100 m over the landscape according to §30 par.1 letter a) of the act no. 143/1998 Coll. about civil aviation and about the change and amendment of some acts as amended. In other case it is necessary to ask the Air transport authority of the Slovak Republic for re-assessment.

8.5 In compliance with §12 par.1 letter e) of the act no. 42/1994 Coll. about civil protection of the citizens as amended, it is necessary to submit the design of communication and data network as well as radio network and VYRVAR for approval to the Ministry of Interior of the Slovak Republic.

Deadline: December 31, 2010

8.6 To maintain binding conditions of the building performance in compliance with §26 par.1 letter b) of the act no. 314/2001 Coll. about fire protection as amended, §40 and §40b of the Decree of the Ministry of Interior of the Slovak Republic no. 121/2002 Coll. about fire prevention according to Decree of the Ministry of Interior of the Slovak Republic no. 591/2005 Coll.

- a) To fill each gap in connection of two civil structures or more civil structures isolating a formed fire section from other construction spaces or free site so to respect an integrity and isolation of this structure, and thus to meet its function of a fire isolating structure only with material with the required fire resistance and fire reaction class A1 or A2

- b) To install only electric switchboards and electric panels with fire resistance declared by the subject product manufacturer to an escape route and a cable corridor in the civil structure "Reactor Building" where electric switchboards and electric panels are designed; additional enhancement of fire resistance of the electric switchboard and the electric panel by its lining with bricks, panelling or spraying is not considered to be fulfilment of the requirement for installation of the electric switchboard and the electric panel with fire resistance;
 - c) To install only ceiling with fire resistance to an escape route where the ceiling is designed in order to isolate wiring that goes through the escape route and does not meet the function for this escape route
- d) To design and implement a water curtain in order to respect the requirement for fire hazardous area between the outer side of the civil structure SO 490/1-02 "Turbine Hall II. of the Main Power Block" and the adjacent group of external transformers, while
- a) the water curtain substituting a fire isolating structure in the area of each window will prevent spread of fire from the Turbine Hall to free space between the Turbine Hall wall and transformers in the same manner as the civil structure where the window is installed during 30 minutes by water supply;
 - b) Depending on the EPS (fire detection system) signal, nozzles installed from the outside of all windows that are situated in front of the entire turbine set load with fire, at least before windows installed in quarter of the wall height behind which the turbine set with the aforementioned failure - fire will be activated;
 - c) Water to the water curtain system will be supplied by a pump backed up with a pump of the same power and start-up characteristics to full power within the time of at least 10 seconds;
 - d) An option of the water curtain manual start-up is not excluded, but this start-up will not have a retarding function with regard to the start-up from the EPS;
 - e) A proposed design will be delivered to the Presidium of Fire and Rescue Corps at least 60 days before inspection of the completed Turbine Hall
- e) To design and implement technical measures in the civil structure "Turbine Hall" so to prevent an uncontrolled spread of released flammable liquid from lubrication and cooling oil system of the steam turbine so that released liquid
- a) contacting the Turbine Hall floor at the level of ± 0.0 m is accumulated in a trap on the Turbine Hall floor and drained by a continuous pipeline to an emergency tank,
 - b) contacting the walking grid at the level of ± 0.0 m isolating the Turbine Hall floor from the area with the floor at the level of -5.5 m is accumulated in a trap below the grid and drained by a continuous pipeline to an emergency tank, while this requirement relates only to the grid the pipeline is not going through,
 - d) flowing around the outside of a pipeline penetrating the turbine hall floor to the area under the Turbine Hall ending at the level of -5.5 m has a limited contact with free space, namely installed protective sleeve around the pipeline flown around by released oil, while the protective sleeve will start immediately under the grid in the floor at the level of ± 0.0 m and will run into the continuous pipeline draining released flammable liquid to an emergency tank.

To submit drawings and a text report documenting the proposal of measured mentioned in clauses a) to c) immediately after being elaborated to the Presidium of Fire and Rescue Corps, while the subject measures will be proposed and applied for the each turbine set individually

- f) To install EPS and cables with properties relevant for fire protection in civil structures
 - a) 584/1-02 "Central Non-essential Service Water and Non-system Fire Water Pumping Station", and
 - b) 584/1-04 "Essential Service Water and System Fire Water of the II. Main Power Block Pumping Station"
and so to reduce an accidental fire load in these structures considering an absence of protected escape routes of B type from the subject structures, and make a possibility of quick escape of people from the construction by timely identification of fire by the aforementioned fire technological installation
 - g) To isolate the room 101c/3, namely a staircase belonging to the fire section 80P02.01/N02 from the room 01c, namely from the essential service water pumps belonging to the fire section 80P02.01/N02C in the civil structure SO 584/1-04 "Essential Service Water and System Fire Water of the II. Main Power Block Pumping Station" with a civil structure with the required fire resistance
 - h) To isolate rooms 06/31 and 06/32, namely staircases from rooms 05/31 and 05/32, namely assembling shaft in the civil structure 810/1-03 "Emergency Feed water Supply in Unit 3" with a civil structure with the required fire resistance
 - i) To isolate a drainpipe intended for transport of flammable liquid from the trap to the emergency tank from the adjacent fire sections it goes through in the civil structure SO 442/1-02 "Diesel Generator Station of the II. Main Power Block" with an isolation structure with fire resistance of at least EI 90
 - j) To install a drain pipe in the civil structure SO 442/1-02 "Diesel Generator Station of the II. Main Power Block" in order to assure transport of flammable liquids from the trap situated below the each diesel generator to the emergency tank, and to fit the drain pipe with a hydraulic closure in compliance with Regulation of the Ministry of Interior of the Slovak Republic No. 96/2004 Coll
 - k) To install a lift in the civil structure SO 800/1-02 "Reactor Building of the II. Main Power Block" to an individual fire section; the lift will fulfil a function of a fire lift, and if two adjacent lifts fulfil the function of fire lifts, these can be in a common fire section, and to assure a redundant power supply for each lift with the fire lift function; a fire cell proposed in design documentation for isolation of the lift from other construction parts is not considered to be fulfilment of the requirement for formation of an independent fire section

- l) To install fire closures isolating a load lift shaft belonging to the fire section 80N01.03/N05 at individual floors from adjacent fire sections in the civil structure SO 801/1-02 "Auxiliary Building for the II. Main Power Block"
- m) To install a fire closure with the fire resistance of EI 90/D1 to the horizontal fire isolating structure separating the cable channel from the electric area in the civil structure SO 442/1-04 "High-pressure Compressor Station for the II. Main Power Block";
- n) To design and make ventilation of protected escape route lobbies in civil structures 805/1-02 "Longitudinal Electrical Building - Units 3&4", 806/1-03 "Cross-wide Electrical Building - Unit 3" and 806/1-04 "Longitudinal Electrical Building – Unit 4" in compliance with Annex 7 of Regulation of the Ministry of Interior of the Slovak Republic No. 94/2004 Coll
- o) To propose measures and assure their implementation in order to enhance fire resistance of vertical support structures at least to the level the highest required fire resistance has the supported structure that depends on the support structure; if obtained fire resistance of the structure fulfilling, in addition to the fire spread function, also the function of radiation protection is higher than its required fire resistance and this enhancement would be reached as a secondary phenomenon at fulfilment of the radiation protection requirements, than the fire resistance of the support structure supporting the structure fulfilling a dual function of radiation protection and fire spread protection shall be at least so as the supporting structure should have the fire resistance only at fulfilment of the fire spread prevention function
- p) To propose and install control elements of equipment limiting fire spreading and helping to control fire in internal rescue routes in compliance with the requirement laid down in Article 84 subsection 5 of Regulation of the Ministry of Interior of the Slovak Republic No. 94/2004 Coll
- q) To respect requirements of Regulation of the Ministry of Interior of the Slovak Republic No. 401/2007 Coll. at designing and execution of the construction heating
- r) To make a fire band from the structural element of D1 type with the required fire resistance in compliance with provisions of subsection 3 of Article 44 of Regulation of the Ministry of Interior of the Slovak Republic No. 94/2004 Coll. in the civil structure SO 801/1-02 "Auxiliary Building for the II. Main Power Block" where the external wall connects the fire isolating structure
- s) To inform the Presidium of Fire and Rescue Corps of any spraying or application of paint on steel structures in order to enhance their fire resistance at least 10 working days before commencement of works; to inform by fax using the fax number 02/44637535 and to attach an identification of the civil structure and localisation of the civil structure whose fire resistance should be enhanced and also a certificate of conformance of the applied product, including a written report of a notified person proving that all procedures of the compliance assessment related to the subject product have been fulfilled

- t) To submit to the Presidium of Fire and Rescue Corps the following:
- a) A declaration of conformity or a certificate issued by an independent third party informing of put of a cable system as a building product on the market in compliance with Act No. 90/1998 Coll. as amended before commencement of the cable system installation;
 - b) A declaration of conformity or a certificate issued by an independent third party informing of put of electric fire alarms, a stabile fire fighting equipment and heat and combustion gases removal equipment as building products on the market in compliance with Act No. 90/1998 Coll. as amended, to submit design documentation prepared by a person with a special certification of professional competence for designing the subject fire technical equipment; the declaration of conformity, the certificate and the design shall be submitted prior the installation;
 - c) an identification of all civil structures in a table form, including reached fire resistance and a method used for reaching the fire resistance, while the submission shall be made at least 60 days before submission of a proposal of the building owner for the final inspection proceedings;
 - d) a detailed design in accordance with the instruction specified in clause c)
 - u) To seal points of penetration of technical equipment and technological equipment through a fire isolating structure with material with the fire resistance at least the same as the civil structure through which the technical equipment and the technological equipment penetration is made
- v) To make the construction in compliance with
- a) The submitted and approved documentation of the Ministry of Interior of the Slovak Republic by the Presidium of Fire and Rescue Corps,
 - b) the proposed engineering solutions as intentional substitution approaches applied in case of a conflict resulted from the time that elapsed from the construction execution and requirements laid down in effective general binding legislation that should be applied today at change of the construction before its completion ,
 - c) conditions specified herein.

8.7 To ensure fulfilment of the conditions form NRA SR decision no. 266/2008 and 267/2008.

8.8 Detailed designs of the civil structures listed in proposition part of this decision which seismic resistance is required by basic design should be amended by specified calculations of seismic resistance verified by independent organisation that does not contribute to elaboration of the basic design and its changes. The documents about results of calculation verification should be given to the authority.

Deadline: Together with application for permission to put corresponding unit of the nuclear facility into operation.

8.9 For elaborators of the detailed design of the civil structures to elaborate the guide for calculations of the components anchoring where the seismic qualification is required. The proposal should be given to the authority for assessment.

Deadline: December 31, 2008.

8.10 To perform independent inspection of detailed designs of all the civil structures containing seismically qualified components from the point of view of meeting the conditions for their seismic resistance, including mutual interactions between components themselves as well as with the civil structures.

Deadline: During elaboration of implementation designs and during assembly works.

8.11 To ensure performance of repeated evaluation of the nuclear safety in other stages of the nuclear facility design in compliance with the requirement of NRA SR Decree no. 50/2006 Coll., Enclosure no.3 part B.I.A letter u)

Deadline: During elaboration of the basic design up to the level of implementation designs.

8.12 To add independent verification of the design safety evaluation, made by legal entities or natural persons independent from those who made the design in compliance with requirements of NRA SR Decree no. 50/2006 Coll., Enclosure no.3 part B.I.A letter x).

Deadline: December 31, 2008

9. The change of construction cannot be started before the permission for the change of construction before finishing comes into force.
10. Before finishing the builder is obliged to ask for substantial inspection .
11. The builder has to enable the representative of the State Building Inspection and the experts invited by them to access the site and to create the conditions for inspection performance.
12. According to § 43f of the building act to perform the construction it is possible to use only such a building product that is based on special regulations (Act no. 90/1998 Coll.) suitable for usage on site for intended purpose.

Given conditions of the decision do not impede the builder to start works according to documentation verified by building authority in this building proceeding.

At the same time the Authority by this decision changes the deadline of construction listed in binding condition no. 5 of the building permit no. 2010/86 from November 12, 1986 issued by Municipal office in Levice, department of construction and landscape planning because it reflects proposed changes, existing status of the construction and it is in full scope transformed into electronic form.

Justification

Based on application of Slovenské Elektrárne, a.s. Bratislava, NPP Mochovce Units 3 and 4 from May 27, 2008 no. SE/2008/065258 on the day of its submitting the authority started to act in the matter of work permit for change of construction before finishing "Nuclear power plant Mochovce VVER 4x440 MW 3rd construction".

The applicant has supported his submitting by letter from June 4, 2008 no. SE/2008/069203 by electronic documentation of the basic design, declaration about completeness of submitted documentation and summary of the fulfilment of requirements listed in § 11 par. 1 letter c) of the Ministry of Environment Decree no. 453/2000 Coll.

The submitted application was viewed from the points of views listed in § 62 of the building act and it was found that by performing of the construction (nor its further usage) the interests of the company are not threatened nor the rights and justified interests of the proceeding participants.

The application for the change of the construction before finishing was completed by design documentation in three copies as well as in digital form, reflecting present status of the construction as well as all the changes the builder asked for. The construction documentation meets general technical requirements for construction. Change of construction before finishing will be performed according to design documentation verified in building preceding that is a part of this decision.

The authority followed by sending the notice about its beginning to the proceeding participants known to it and involved bodies of the state administration from May 30, 2008 and at the same time it invited them to send their standpoint to construction being permitted for the field out of followed interests in 30 days from the notice delivery back to the Authority. In the proceeding following involved bodies replied: Labour inspection Nitra, Regional authority of environment Levice, department of environment items protection (hereinafter as RAE Levice, dep.EIP) – waste management RAE Levice, dep.EIP – state office for nature and landscape protection, Ministry of Interior of the Slovak Republic – Presidium of Fire and rescue brigade of the Slovak Republic, Aviation office of the Slovak Republic Bratislava. Their standpoints were included into conditions of the permission.

Village Nový Tekov, village Kalná nad Hronom, Technical inspection Nitra, Regional authority of the environment Nitra – state water management, RAE Levice, dep. EIP – state administration of air protection, Regional headquarters of Fire and rescue brigade in Nitra, public health service in Levice, Ministry of Economy of the Slovak Republic agreed with the change of construction before finishing without any comments.

Authority for railway transport regulation in Bratislava, Ministry of Health of the Slovak Republic, District authority in Nitra – department of civil protection and crisis management did not send their standpoints in given deadline that is why the building authority understands it that they agree with proposed change of construction before finishing without any comments.

Ministry of Environment SR Bratislava in its standpoint no. 7451/2008-3.4/hp. from August 8, 2008 states that it is not possible to regard the change of construction before finishing as a new activity nor a principal change of original design because administrative proceeding in the matter of permission of given activity according to special regulations was started before the act no. 24/2006 Coll. about assessment of impacts on environment and about change and amendment of some acts came into force and that is why this act cannot have an impact on activity that was permitted

before it came into force. At the same time we point to the fact that before giving the permission to put the nuclear facility into operation and consequent permission for operation it will be necessary to assess the facility according to the act about impacts on environment assessment.

The authority in relation to change of construction before finishing issued its decision no. 266/2008 in compliance with atomic act, by which there was a consent issued to implement changes influencing nuclear safety during the construction and decision no. 267/2008 by which there was permission given to implement changes in Preliminary safety report.

There were no comments from the proceeding participants.

During the proceeding the building authority did not find any reasons that would impede the permission of the change of construction before finishing.

The change of construction before finishing will not adversely affect the environment and that is why it was decided as it is listed in proposition part of the decision.

Administrative fee in amount of 6000, SKK (six thousand Slovak Crowns) was stated according to act no. 145/1995 Coll. about administrative fees as amended, part V., item no. 60 letter g) and it was paid by duty stamps.

Advice:

According to § 61 par. 1 of the administrative regulations it is possible to lodge and appeal against this decision to Nuclear Regulatory Authority of the Slovak Republic, Okružná 5, 918 64 Trnava in 15 days from this decision delivery. The appeal lodged in time has a dilatory effect.

If this decision after depletion of permissible remedial instrument comes into force, its legality can be evaluated by the Court.

If the builder does not use the legal period to submit the remedial instrument against this decision, he is obliged to ask the authority for confirmation of its validity after expiration of 15-days period from the decision delivery.

In Trnava, on August 14, 2008

Duty stamp
Stamp of Nuclear Regulatory Authority
of the Slovak Republic

Ing, Peter Uhrík
General director of
the Department of Safety Evaluation
and Inspection Activities

Will be delivered to:

1. UJV Řež, a.s. – division EGP Prague, Vyskočilova 3/741, P.O.Box 158, 140 21 Praha 4

Copy to:

1. Village Nový Tekov, the mayor, 935 33 Nový Tekov 226
2. Village Kalná nad Hronom, the mayor, ČA 55, 935 32 Kalná nad Hronom
3. TI, Mostná 66, P.O.Box 29 B, 949 01 Nitra
4. IP Nitra, jelenecká 49, 949 01 Nitra
5. KUŽP Nitra, ŠVS, J.Kráľa 124, 949 01 Nitra
6. ObÚŽP Levice, odb. OZŽP – OH, Dopravná 14, 934 03 Levice
7. ObÚŽP Levice, odb. OZŽP – OO, Dopravná 14, 934 03 Levice
8. ÚRŽD, section of special building authority, Miletičova 19, 820 05 Bratislava 25
9. MŽP SR, Nám. L. Štúra 1, 812 35 Bratislava
10. MV SR – P HaZZ SR, Pribinova 2, 812 72 Bratislava
11. KR HaZZ in Nitra, Dolnočermánska 64, 949 01 Nitra
12. MZ SR, Limbova 2, P.O.Box 52, 837 52 Bratislava 37
13. ÚVZ SR, Trnavská cesta 52, P.O.Box 45, 826 45 Bratislava
14. RÚVZ Levice, Komenského 4, 934 38 Levice
15. LÚ SR, Letisko M.R. Štefánika, 823 05 Bratislava
16. MH SR, Mierová 19, 827 15 Bratislava 212
17. OÚ Nitra, OCOaKR, Štefánikova tr. 69, 949 01 Nitra



July, 2009

Scope of Assessment (No. 1277/2009 - 3.4/hp), issued by the Ministry of Environment of the Slovak Republic on 29 May 2009).

ANNEX 0.6



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SCOPE OF ASSESSMENT

Determined pursuant to § 30 of the Act 24/2006 Coll. on environmental impact assessment and on changes and amendments to certain laws, for assessment of impacts of the proposed activity: **“Nuclear Power Plant Mochovce VVER 4 x 440 MW – 3rd civil engineering project”**

The Proponent, **Slovenské elektrárne, a. s., plant Units 3&4 of Mochovce Power Plant, 935 39 Mochovce**, has submitted to the Ministry of Environment of SR, dept. of assessment and evaluation of impacts (hereinafter only as the “MŽP SR”) the Intent on the activity of **“Nuclear Power Plant Mochovce VVER 4 x 440 MW – 3rd Construction”** (hereinafter only as “NPP MO 3&4”) for assessment pursuant to the Act No. 24/2006 Coll., on environmental impact assessment and on changes and amendments to certain laws.

The Intent of the proposed activity represents assessment of impacts of realization of a nuclear complex and commissioning of two units of VVER 4 x 440 MW type with the aim to generate electricity to cover the electricity supplies for individual customers. The Intent of the proposed activity is in compliance with the energy policy of the Slovak Republic.

The purpose of the proposed activity is in particular:

- To secure high level of environmental protection and protection of public health;
- To establish, describe and evaluate direct and indirect impacts of the proposed activity on the environment and on the health of people;
- To explain and to compare advantages and disadvantages of the proposed activity, including its comparison **with zero alternative**;
- To determine measures, which shall prevent pollution of the environment, mitigate the environmental pollution or prevent damaging the environment;
- To acquire professional supporting documentation for issuing the decision on the permit of activity according to special regulations.

Nominal thermal output of NPP EMO 3&4 represents 1,375 MW.

The complex of NPP Mochovce – dual unit of NPP MO 3& 4 is located in the cadastre of municipalities of Nový Tekov, Kalná nad Hronom, district of Levice, Nitra region.

The suburban area of the Capital of SR Bratislava is approximately 90 km west from the NPP MO 3&4, i.e. approx. 120 km traveling by road from the proposed activity. The suburban area of Budapest, which is the Capital of the Republic of Hungary, is located approx. 85 km south-east from NPP MO 3&4 and the proposed activity. The suburban area of Vienna, which is the Capital of Republic of Austria, is located cca 145 km south-west from NPP MO 3& 4 as the proposed activity. The Czech Republic is cca 85 km from the proposed activity; Republic of Poland is cca 130 km from the proposed activity. Republic of Ukraine is 270 km from the proposed activity.

The proposed activity meets the criteria pursuant to § 18 par. 1 of the Act No. 24/2006 Coll. (hereinafter only as the “Act”) and according to its “Annex 8” it is included under chapter 2: Energy industry, item No. 4. Nuclear Power Plants and other installations including nuclear reactors, including their decommissioning and liquidation, section “A”, and therefore is subject to obligatory assessment.

The Intent of the proposed activity was submitted as zero alternative and one option of the solution, as MŽP SR on the basis of justified application of the Proponent pursuant to § 22 par. 7 of Act No. 24/2006 Coll. I. by letter No. 7451/2008-3.4/hp – 3, 4 dated 31 July 2008 has abandon the request for an alternative solution to the intended activity.

The proposed activity pursuant to Annex 13 to Act No. 24/2006 Coll. belongs to the activities, which are subject to obligatory international assessment from the view of their impact on the environment, exceeding the state borders. On the basis of this fact MŽP SR, as the party of origin, upon delivery of the Intent and that is without undue delay, informed about the proposed activity, pursuant to par. 1 § 40 of Act and in compliance with the Article 3 of the Convention on Environmental Impact Assessment (hereinafter only as the “Espoo Convention”), the Council Directive 97/11/ES, as well as in compliance with the Agreement between the Government of the Slovak Republic and the Government of the Republic of Austria, to the following contact points of the affected parties:

- Ministry of Environment of the Czech Republic;
- Federal Ministry for Agriculture, Forestry Management, Environment and Water Management of the Republic of Austria;
- Ministry of Environment and Water Management of Republic of Hungary;
- Ministry of Environment of Republic of Poland, and
- Ministry of Environment of Ukraine.

Together with the notification on launching trans-boundary assessment MŽP SR raised a question with the affected parties, whether they intend to take part in the environmental impact assessment procedure on this activity. In connection with this MŽP SR also defined the deadline for delivery of the response to this question.

Affected parties in their response to the notification on launching assessment of the proposed activity have included in the process of verification of potential impacts of the proposed activity on the environment the relevant bodies of state administration, as well as the public. The entire documentation was made available to the public in electronic format during 21 days on the web sites of the above mentioned institutions in compliance with the EIA regulations.

Austria, Republic of Hungary and Republic of Poland, after considering their delivered positions on the proposed project they stated that they cannot exclude significant negative impacts of the submitted Intent on the environment and on the health of people, and for that reason they intend to participate in the procedure of trans-boundary assessment of the proposed activity.

MŽP SR submitted the Intent for taking position pursuant to § 23 par. 1 of the Act to the following involved entities: the *competent authority* (Ministry of Economy of SR, Section of the energy sector), the *permitting authority and the affected municipalities* (Nuclear Regulatory Authority of the Slovak Republic; Municipal Office at Kalna nad Hronom; Municipal Office at Novy Tekov; Municipal Office at Stary Tekov; Municipal Office at Veľky Ďur; Municipal Office Tlmače; Municipal Office at Male Kozmálovce;) *affected authorities* (Public Health Authority of the Slovak Republic; National Labour Inspectorate of SR, dept. of labour inspection in the nuclear energy sector; District Environmental Authority Levice; Regional Environmental Authority Nitra; Office of the Nitra self-governing region; Ministry of Interior of the Slovak Republic, section of crisis management and civil protection; Presidium of the Fire-Brigade and the Rescue Service of the Ministry of Interior of the Slovak Republic; Regional Office of public health with its seat in Levice; Aviation Authority of the Ministry of Interior of SR, Slovak Water Management Enterprise, š. p., branch office Banska Bystrica; Labour Inspectorate Nitra; Technical Inspection, a.s., Bratislava; Office for Regulation of Railway Traffic Bratislava; District Authority for road traffic and road networks Levice; Regional Land Authority Nitra; District Authority, dept. of civil defense and crisis management Nitra;).

The Intent was also sent for taking the position by the *Slovak Environmental Agency Banska Bystrica*, *Ministry of Environment SR*, section of waters and energy sources; *Ministry of Environment of SR*, dept. of environmental risks management.

Pursuant to § 23 par. 4 of Act No. 24/2006 Coll. I. MŽP SR received **twenty one** positions on the Intent from the above listed entities to the assessment procedure. Several positions have been concurrent without comments or recommendations to the proposed activity.

In some of the positions there have been several concrete comments and requests, the fulfillment of which was the condition for implementing the proposed activity, but also a request to elaborate an assessment report.

The following positions on the proposed activity have been delivered from the public:

1. *Ing. Jozef Križan, Adlerova 21, 04 022 Košice* – he does not recommend realization of the activities from the technical, technological, environmental and economical points of view;
2. *Spoločnosť priateľov Slatinky, Poštová 6, 917 01 Trnava* – to assess impacts of NPP MO 3&4 on the flow rates of the river, as well as the quality of water in the river Hron below VN Veľké Kozmálovce;
3. *Združenie Slatinka, P. O. BOX 67, Ul. Bela IV. č. 6, 960 01 Zvolen* – to assess impacts of NPP MO 3&4 on the flow rates of the river, as well as on the quality of water in the river Hron below VN Veľké Kozmálovce;
4. *GREENPEACE SLOVENSKO, Nám. SNP 35, P.O. Box 58, 814 99 Bratislava 1:*
 - To complement probability assessments for occurrence of an accident with leakage of radioactivity to the environment, measures to prevent it and potential impacts.
 - To complement radwaste management for radwaste produced by NPP MO 3&4.
 - Assessment of impact of the operation of NPP MO 3& 4 on the flow rate of the river Hron
5. *VLK VÝCHODNÉ KARPATY, Ul. Kpt. Nálepku 102, 069 01 Snina;*
6. *Comments from five citizens of the Slovak Republic:*

To assess, whether the operation of the nuclear power plant NPP MO 3&4 would have negative impact on the flow rates and the quality of water in the river Hron below VN Veľké Kozmálovce or not.

If the assessment procedure proves negative impact of operation of the proposed activity on the ecosystem of Hron as a result of low residual flows caused by water offtake, there must be measures to eliminate such negative influences defined as forced investments relating to implementation of NPP MO 3&4.

Within the trans-boundary assessment the following affected parties have sent their opinions:

1. **Republic of Poland as the affected party** in its position states, being underpinned by an analysis developed by the State Agency for Atomism in the Republic of Poland that (besides one comment relating to severe industrial accident) did not include any further material comments on elaboration of the assessment report due to the fact that the experience with operation of pressurized water reactors and the results of probabilistic safety assessment allow assessing the occurrence of trans-boundary radiological consequences when operating Units 3& 4, as being less likely.

Nevertheless, the Republic of Poland continues to have interest in the procedure of trans-boundary assessment, which goes before the operating license for NPP MO 3&4, which should confirm, whether these Units achieve expected design parameters, in particular those having impact on release of radiology emissions to the environment, both under normal and emergency conditions.

2. **Republic of Hungary as the affected party** stated that the process of decision-making on the Hungarian side included those Hungarian bodies, which will be probably affected by the project, as well as the public. For the evaluation of the assumed significantly adverse influences Hungary requires incorporation of those issues into the report, which are stated in the specific requests for the scope of assessment.

The position states that the assessment report shall contain both the technical description and taking care of the environment, as well as the issues of safe operation in the maximally satisfactory manner. Therefore it is very important that the assessment report covered in detail the required preventive measures for the case of design-bases a beyond design-bases accidents.

3. **Austria as the affected party** stated that the trans-boundary procedure of decision-making in Austria involved all Austrian federal lands and the Austrian public. Austria

submitted summary position on the intended activity in a hard copy form, in which it was dealing with the completeness aspect according to the Espoo Convention, the European Directive on the EIA (85/337/EEC in its valid wording) and the Slovak law on assessing impacts on the environment (Act No. 24/2006 Coll. I. on environmental impact assessment). Austria paid special attention to the issue of assumed influences crossing the state borders, the aspect of reactor safety including potential accident sequences with potential consequences, but also economic aspects relating to the energy sector and the electric energy. In the comments and recommendations it formulated requests for the quantity and the quality of information, which should be included in the report on environmental impact assessment.

4. **Czech Republic as the affected party** stated that by realization of the proposed activity it is not expecting any serious trans-boundary effects on the territory of the Czech Republic. None of the bodies of state administration or the public had any comments or recommendations for the intended activity. Nevertheless it requested that as an affected party it continues to be informed about all steps in the procedure of assessing impacts of the proposed activity on the environment, and to have the report on environmental impact assessment and on impacts on the health of people sent to them.
5. **Ukraine as the affected party** did not respond to the notification on implementation of NPP MO 3&4 according to the Espoo Convention.

After studying the submitted Intent and taking in regard the nature of the Intent and the delivered positions, MŽP SR in cooperation with the competent authority, the permitting authority and the affected authority, and after discussions with the submitting party, it determined the following scope of assessment of the proposed activity according to § 30 par. 2 and par. 3 of Act No. 24/2006 Coll. I.:

1. ALTERNATIVES FOR FURTHER ASSESSMENT

- 1.1 For further assessment of the impact of proposed activity – “**Nuclear Power Plant Mochovce VVER 4 x 440 MW – 3rd project**” besides the **zero alternative** (the status when the proposed activity does not be realized) it also requires **finalization of the proposed activity, which was included in the submitted Intent**.

2. SCOPE OF ASSESSMENT FOR THE PROPOSED ACTIVITY

2.1 General Conditions

- 2.1.1 With respect to the nature and the scope of the proposed activity and its proposed location it is necessary that the assessment report contained elaboration of all items as stated in Annex 11 to the Act No. 24/2006 Coll. I. adequately to the nature of proposed activity.
- 2.1.2 For assessment of the proposed activity no time schedule is set for elaboration of the assessment report, nor any specific requirements limiting the time scope of assessment.
- 2.1.3 The Proponent shall deliver to MŽP SR, dept. of environmental impact assessments, 29 complete assessment reports, 8 hardcopies of the final summary and minimum 5 text parts, if possible also the graphical part of the assessment report on electronic data carrier in Slovak language.
- 2.1.4 The Proponent shall deliver to MŽP SR, dept. of environmental impact assessments 4 complete hardcopies of assessment reports and 4 text parts, if possible also the graphical part of the assessment report on electronic data carrier in English language, for the sake of accelerating the communication between the party of origin – MŽP SR, and the affected parties, i.e. Ministry of Environment and Waters of the Republic of Hungary, Ministry of Environment of the Republic of Poland and – Federal Ministry of Agriculture, Forestry Management, Environment and Water Management of the Republic of Austria.

2.1.5 On the basis of conditions set by the Agreement between the Government of the Slovak Republic and the Government of Republic of Austria on implementation of the Convention on environmental impact assessment having trans-boundary impact (hereinafter only as the "Agreement") it would be necessary for the Slovak party as the party of origin to submit to the Austrian affected party sufficient summary of the assessment report, which would include the basic data on the proposed activity, i.e. title of activity, name and the seat of the Proponent, the purpose, nature, scope of activity, place of performing activities, brief description of the technical and technological solution, expected trans-boundary effects, graphical enclosure – in German. Further the assessment report must sufficiently respond to questions, comments and recommendations, which were required in the positions from federal lands and from the Austrian public, and that is in particular:

- ✓ Description of the potential severe damage of the environment on the basis of realized project, which includes primarily the population, fauna, flora, soil, water, air, climate, material goods, including architecturally valuable structures and landscape, as well as mutual operation of these factors;
- ✓ Description of potential serious influences on the environment by the proposed project, as well as impacts on the health and safety of persons as a result ● existence of project facilities; ● utilization of natural reserves; ● probability of accident occurrence; ● emissions of pollutants; ● causing inconvenience in the working as well as external environment; ● spent nuclear fuel management and management of various types of nuclear waste.
- ✓ Description of measures with the aid of which it would be possible to prevent, reduce or even to balance the serious negative consequences of the project on the environment;

The above stated summary of the assessment report shall be delivered by the Proponent to the MŽP SR **in two copies in hard copy and two copies on electronic data carrier in German and in Slovak languages.**

2.1.6 The Proponent, for the sake of accelerating the communication within the trans-boundary assessment procedure of the proposed activity between the party of origin – MŽP SR and the affected parties - Ministry of Environment and waters of Republic of Hungary, Ministry of Environment of the Republic of Poland, shall deliver according to his own consideration to the MŽP SR, dept. of environmental impact assessments a short summary of the assessment report for the affected parties, Republic of Poland and Republic of Hungary, in their native languages, and that is two copies as hard copy and two copies on electronic data carrier in Polish and in Hungarian languages.

2.1.7 Further procedure of the trans-boundary assessment shall relate to article 5 par. 2 of the Espoo Convention, i.e. consultations, if the affected party shows interest in such consultations, MŽP SR upon agreement with the Proponent and the affected party shall set the date, venue and the content of such consultations. If the affected party is willing to take part also in a public hearing on the proposed activity MŽP SR shall inform the affected party sufficiently in advance about the venue and the time of such hearing.

2.2. Specific Requirements

The comments received from the parties to the assessment procedure resulted in the need to elaborate in more details in the assessment report the following issues relating to the proposed activity:

2.2.1. In part **II. Basic data on the proposed activity, item 4.** Location - to complement (to describe the location of the complex of the nuclear installation of NPP Mochovce – dual unit of NPP MO 3&4 – region, district, cadastral area of the municipality, land plot, parcel numbers, title deeds).

- 2.2.2. In part II. **Basic data on the proposed activity, item 14. Permitting authority** to complement also the type of required permit for the proposed activity according to special regulations.
- 2.2.3. To complement the list of abbreviations into part A. INTRODUCTION or to B. STRUCTURE OF THE ASSESSMENT REPORT.
- 2.2.4. To complement and precise the chapter **Geology and seismology** – with regard to the fact that in the new manual of the IAEA - Evaluation of seismic hazards for nuclear installations, DS422, which is currently undergoing the commenting procedure by the member states of the IAEA, art. 2.12 (page 6) mentions the minimal recommended value for the maximal horizontal acceleration on the terrain surface (PGA) for the new projects JZ 0.15 g, which is higher than the original recommended value of 0.10 g, which remains to be valid for the existing nuclear installations.
In the event that the new recommended value of SL-2 applies for NPP Mochovce, 3rd project, then we are suggesting adjusting the wording on page 40 of the Intent, the last sentence in the meaning that the adopted value of PGA 0.15 g for NPP Mochovce 3rd project results also from international recommendations and it is not only a result of a conservative approach to setting the seismic level SL-2 for NPP Mochovce, 3rd project.
- 2.2.5. To complement chapter **Surface water**...with the description of sediments – what kind of sediments, which form approx. 50% of the captured volume in the water reservoir Veľké Kozmálovce, due to documenting the yield of the service water source.
- 2.2.6. To precise chapter on Energy sources (p. 70 of the Intent). Numerical data on generated/consumed electricity to be reviewed or confirmed (482.976 MWh is not 1.07% from the total generated energy per year).
- 2.2.7. To make adjustments in the chapter – **Emergency plans**:
- Para 1*
- Legislation governing emergency planning for the case of incident or accident of a nuclear installation does not include a notion of external and internal emergency plans – to be modified;
 - To complement the scattering model for forecasting radiation in the atmosphere;
- Para 2, first indent*
- Committee of the Government of SR - not existing – to be corrected, *Para 2, first indent*
- Para 2, second indent*
- There are no regional emergency committees – to be corrected;
 - i.e. there are no regional administrative bodies, regional authorities – to be corrected;
 - Plans for protecting the public (these are external emergency plans or some other plans) are not approved by the head of regional authority and are not agreed by UJD – to be corrected;
- Para 3*
- Official abbreviation of the organization of emergency response is not ERO – to be corrected;
- Para 4*
- The main roles of the organization of emergency response are not in compliance with the legislation – to be corrected;
- 2.2.8. To evaluate the impacts of the future operation of NPP EMO 3&4 on the surrounding environment in a complex manner focusing primarily on the assessment of increase of the risk for the inhabitants living in the vicinity resulting from commissioning of MO3&4, in the risk, which the population is facing due to the existence of nuclear installations, which are already in operation in the given location - NPP EMO 1&2 (including the operation of the final processing of liquid radwaste (FS KRAO) and the National Repository of Radwaste (RU RAO). So to prove that the expected impact relating to the proposed activity is negligible and with this rationale to defend the request

of the Proponent to abandon the alternative solution for the "Nuclear Power Plant Mochovce VVER4x440 MW 3rd project".

- 2.2.9. Chap. V. *Comparison of alternatives for the proposed activity and the proposal of an optimal alternative, part: Protection from ionizing radiation, physical protection and emergency planning*, p. 108 – the second paragraph mentions national regulatory authority – to give the name of this authority.
- 2.2.10. Chap. V. *Comparison of alternatives for proposed activity and the proposal of the optimal alternative, part Protection against ionizing radiation, physical protection and emergency planning*, p. 109 – the last indent, if there is an agreement on mutual cooperation, it should state a concrete number of such agreement, the title and the date from when it is effective (or will be effective).
- 2.2.11. Chap. V. *Comparison of alternatives of proposed activity and the proposal for optimal alternative, part Conclusion*, p. 111 – The text below this title is too brief and unclear. For example, it includes a very non specific reference to part IV of the Intent, which however has 41 pages. The conclusion should be formulated in a clear and unambiguous way, comprehensibly and if necessary, it should be supported by concrete references to the preceding text.
- 2.2.12. To state the list of authors of the assessment report (the responsible researcher, project manager, research team) by names and not to present the authors of the Intent only in a form of illegible signatures.**
- 2.2.13. To state the latest possible information about the current status of the environment. To complement up-to-date data on average monthly air temperatures, to evaluate the air stability. To complement the temperatures of the Hron stream before the discharge and after the discharge of cooling water from the power plant. To give an overview of radioactive burden of measured values from 24 monitoring stations - TDS, which monitor the environmental burden. To complement the results from the monitoring stations monitoring the seismology values of the affected area.)
- 2.2.14. To incorporate the balance review of the Hron river from the profile of the planned water works Slatinka until the estuary while taking into consideration the existing permitted offtakes of surface water and the expected demands for offtake of water relating to the planned activities in the area of interest with the aim to preserve the minimal ecological flows below the water works Kozmálovce while having required offtake after commissioning of NPP MO 3&4.
- 2.2.15. To review whether the operation of the nuclear power plant NPP MO 3&4 would have a negative impact on the flow and the quality of water in the Hron river below the VN Veľké Kozmálovce or not. If the assessment procedure demonstrates negative impact of operation of the proposed activity on the ecosystem of Hron as a result of low residual flow rates caused by the water offtake, the measures for elimination of such negative impacts must be defined as forced investments relating to implementation of NPP MO 3&4.
- 2.2.16. To complement information relating to historical records of more significant floods on the Hron river. The last year recorded as having floods was year 1981. To complement assessment of occurrence of floods currently, potentially for the past period.
- 2.2.17. To make an assessment how the situation would be resolved if the Slovak Water Management Company, state enterprise, the branch office Banská Bystrica, as the administrator of water structure Veľké Kozmálovce would be unable to secure supply of surface water necessary for after-cooling of reactors of EMO 1,2,3,4, due to decline in the usable reservoir storage VS Veľké Kozmálovce down to 50% and in case of longer-term deficit inflows below $Q_{364} = 9,233 \text{ m}^3 \cdot \text{s}^{-1}$. Because the administrator of VS must secure objective need in this section representing minimal flow in the profile VS Veľké Kozmálovce in the amount of cca $11 \text{ m}^3 \cdot \text{s}^{-1}$ corresponding to Q_{355} of the daily water (currently there is a temporary decision and due to construction of EMO there is a minimal

flow rate set at the profile of VS Veľké Kozmálovce at $6.6 \text{ m}^3 \cdot \text{s}^{-1}$) so it is necessary to review this situation and to suggest relevant measures due to increased offtake of cooling water expected for NPP MO 3&4, in order to prevent increase in the balance tension in relation to the minimal residual flows, which would be environmentally not sustainable. During the period of minimal flows on the Hron river this may cause inability to cover the water needs for other users and their regulation and also to tension with respect to the quality of surface water in the problematic indicators, such as N-NO_3^- , N-NH_4^+ , or the water temperature. To propose other alternative for cool down of reactors of EMO 1,2,3,4 for example system of air cooling.

- 2.2.18. To complement the part *Basic data on the proposed activity* - data on sources of pollution. It should include data on the expected activity of discharges into the atmosphere and to surface water during normal operation, including operational conditions on the level of operational limits (in particular limits for leakages in the tightness of fuel cover, leakages in the primary and the secondary circuits).
- 2.2.19. To respect that the annual balance limit for waste water discharged to surface waters for the tritium activity has already been drawn by the operation of NPP MO units 1&2 on the level of 60-80 % and for operation of four units it would be necessary to adjust the limit. The tritium in waste water represents a dominant path for exposure of a critical group of the population living in the vicinity.
- 2.2.20. To complement also more details on the systems of cleaning of gaseous and liquid waste before they are discharged, more details on the monitoring systems monitoring their activity and on the possibilities of controlling discharges and coordination of discharges with the first dual unit of MO.
- 2.2.21. In *part C, chapter III, item 1. – Impact on the population* – to complement results of model evaluation of impacts of discharges to the dosage load on the population in the vicinity. The models should evaluate not only discharges on the level of current values of discharges (according to Units 1 and 2 of NPP MO 1&2), but also discharges on the level of expected limits for units 3 and 4 - NPP MO 3&4, potentially location limits.
- 2.2.22. In the analyses to state also partial contributions of individual paths of radiation and to take in regard also the radionuclide, for which there are no limits set, for example C -14 in air pollutants.
- 2.2.23. Within assessment of impacts with trans-boundary effect to assess at least the burden on the critical group of the population abroad. Although it is expected that the radiation exposure would be very low, it is still necessary to prove it with a model calculation, the statement that the impact of the proposed activity abroad would be negligible is perceived as insufficient in this case. In connection with this it can be expected that according to article 37 of the EURATOM Treaty the European Commission would require relatively detailed information on trans-boundary influences of the proposed activity.
- 2.2.24. In *part C, chapter III, items 4 to 6* – to assess and elaborate in more details influences on water ratios, soil and air, so that the proposed activity could be sufficiently reviewed.
- 2.2.25. In *part C, chapter III, item 19* – to complement operational risks with the analysis of operational risks and a model evaluation of the influence of selected extraordinary events – accidents – on the environment and radiation exposure of the population. To state the measures for prevention and for potential consequences in case of an accident including leakage of radioactivity.
- 2.2.26. In *part C, chapter IV. – Measures* - to analyze in more details in particular technical, technological and operational measures for prevention, elimination, minimization and compensation of impacts on the environment, compared to the existing units of NPP MO 1&2 also in connection with the original design of NPP MO 3&4. To also state all modifications on structural and technology parts compared to the originally approved design (for example, measures to strengthen the main supporting civil structures and

technology should respect latest available information on seismic characteristics NPP Unit 3. and 4. removal of structural parts containing asbestos, etc.) and to assess the condition of the existing engineering structures and technology equipment from the time of their conservation until the present time.

- 2.2.27. To complement the list of individual types of waste, which are created during the construction of NPP MO 3&4 itself together with the estimation of their quantity and the method of handling, including waste, which is suitable for repeated discharge into the environment – to waste dumps, etc. (In compliance with the Decision of the Nuclear Regulatory Authority of SR No. 246/2008, which states the building, demolition and reconstruction works, during which replacement of several equipment and materials is going to take place according to the relevant consent from the District Environmental Office Levice).
- 2.2.28. To state the quantitative and qualitative data on inputs and outputs of realized activity and to propose monitoring of pollutants together with measures for elimination of their negative impact.
- 2.2.29. To assess impacts on the environment and the health of people and to suggest measures for their elimination not only during the phase of construction and operation, but also in the phase of decommissioning and liquidation of these units, also these influences to be reviewed in a complex manner from the view of their significance and the time development of the review. (Austria, as the affected party, requests in its position to review and to establish the ratio of diseases, such as thyroid diseases and leukemia, which could be provably caused by radioactivity while securing possibility to establish consequences of operation on the health of population in the affected area).
- 2.2.30. To state what method would be used to address safety issues in replacing the spent fuel, to state the method of its transportation to the interim storage, to the repository, as well as the method of its disposal from the material and timing point of view. To complement data on storage of spent nuclear fuel. (To finalize the part on radioactive waste management originating from NPP MO 3&4. To complement data on handling high radioactive nuclear fuel, the data on the quality and the capacity of the interim storage of spent nuclear fuel; to specify solutions necessary for securing storage of this high radioactive hazardous material.)
- 2.2.31. To describe the method of sludge disposal, this is produced when disposing with the waste water as part of the activity; to state the method of sludge storage, as well as data on its quantity and quality.
- 2.2.32. To assess influences of the activity on the health of people according to selected demographical and health indicators of the population living in the vicinity of the Nuclear Source Mochovce, including social and economic consequences and the context, disturbing relax and quality of life and acceptability of the activity for the affected inhabitants while using results from the current evaluation of the health condition of the population living in the vicinity of NPP Mochovce prior commissioning and during operation of Units 1& 2 and expected development after commissioning of Units 3&4.
- 2.2.33. In connection with assessment of the impact of activity on the environment and the health of people to propose measures for their elimination not only during the phase of construction and operation, but also during the phase of decommissioning and liquidation of these units, and these influences to be reviewed in a complex manner from the view of their significance and the time development of the assessment.

Requests of the Republic of Poland as the affected party in the trans-boundary assessment:

- 2.2.34. To take in regard aspects of nuclear safety for the proposed activity, this is related to provision of detailed data relating to the method and procedure for intervention and information in case of severe accident (Accident Response).

Requests of the Republic of Hungary as the affected party in the trans-boundary assessment:

- 2.2.35. To complement data documenting how Units 3&4 of nuclear power plant Mochovce would meet maximal standard of nuclear safety valid at present.
- 2.2.36. To complement information about how the requirements for design-basis beyond design-basis accidents have been addressed. To set the limits for leakage from hermetic areas (design tightness) as well as what other safety measures are available (for example the system of localization of the accident, the spraying system, system of burning hydrogen) and what preventive effects these measures may have in case of leakage from the primary circuit.
- 2.2.37. To prove how the power plant is prepared for an earthquake, this may occur in the area with respect to the seismic sensitivity of the area.
- 2.2.38. To complement information about discharges, as well as about their characteristics and distribution possibilities and on the basis of meteorological information from the location to define the territory of influence of the proposed activity.
- 2.2.39. To state how the spent fuel would be handled and what would be the influence of spent fuel on the environment during the entire life cycle of the fuel.
- 2.2.40. To prove safety of operation of the nuclear power plant also by how the spent fuel is being handled and what would be the influence of the spent fuel on the environment during the entire life cycle of the fuel.
- 2.2.41. To describe in details a well functioning monitoring network. To consider possibility of access by official Hungarian authorities responsible for prevention of damages to the on-line system of measuring radioactivity in the vicinity of the nuclear power plant Mochovce in Slovakia.

Requirements of Austria as the affected party in the trans-boundary assessment:

- 2.2.42. To describe in significantly greater detail the equipment and the conditions of its operation.
- 2.2.43. To complement information on nuclear fuel and on conditions of its use (the type, enrichment, the quantity, number and condition of fuel elements), as well as conditions for operation and the period of employment in the reactor (fuel burn-up time).
- 2.2.44. To describe radwaste management and discharges and their impact on the environment.
- 2.2.45. To confirm or to defeat the consideration in the Intent to increase the output by nearly 22%. (While the thermal output of the reactor (primary circuit) is stated the same as in the original design on the level of 1,375 MW, the electric output is reported as 535 MW gross.)**
- 2.2.46. To specify the detailed technical descriptions of planned changes in the primary and secondary circuits.
To describe in details significant changes compared to the originally approved design with the emphasis on the safety aspect, as stated by Golder (2008, page 100 of the Intent). To analyze improvements in the realized activity, this should be documented with appropriate results from the safety analysis.
To pay special attention to the following topics in particular, as these have extraordinary importance from the safety aspect, not only in connection with potential trans-boundary impacts (BT 2008):
- ✓ Severe accidents (to state the measures for preventing and mitigation of consequences);
 - ✓ Improved tightness of Hermetic zones and realization of systems for locating design accidents – bubbler tower system (Confinement and the bubbler tower system);
 - ✓ Potential seismic threat on the location;
 - ✓ Integrity of the reactor pressure vessel;
 - ✓ Reliability according to the control system (I&C criteria).

- 2.2.47. To explain, why the maximal horizontal acceleration was increased to 0.15 g in connection with the fact that the activity is realized in a seismic area.
- 2.2.48. To assess resistance of nuclear installation against external events, such as malice aircraft collision.
- 2.2.49. To assess solution of the realized activity in the area of fire protection compared to the original design and to describe how the deficits conditioned by the original design of the proposed activity have been resolved (recommendations of the IAEA 1999).
- 2.2.50. To describe the permitting procedure and expected periods in the next step according to Act No. 24/2006 Coll. I. on environmental impact assessment and the Act No. 541/2004 Coll. I. on peaceful use of nuclear energy (Atomic Act).
- 2.2.51. To describe the status of insurance for the case of accident (financial coverage for nuclear damage in Slovakia)
- ✓ DBA - design-base accidents
 - ✓ BDBA - beyond design-base accidents
- 2.2.52. To add other relevant comments and recommendations from the position of Austria.
- 2.2.53. To perform thorough analysis of all other comments resulting from the positions of the parties to the assessment procedure by the party of origin, and also the affected parties submitted on the Intent according to the national law, the Espoo Convention and the Bilateral Agreement between Austria and the Slovak Republic. Justified comments from the positions to be incorporated in the assessment report.

3. NOTICE

Pursuant to § 30 par. 4 of Act No. 24/2006 Coll. the Proponent, in cooperation with the affected municipality, is obliged to inform the public without undue delay about the determined scope of assessment using suitable manner.

Copies of positions on the Intent delivered to the Ministry according to § 23 par. 4, Act No. 24/2006 Coll. I. were handed over to the Proponent during the determination of scope of assessment.

Mgr. Daniela Ž i š k o v á
Commissioned with managing the dept. of environmental
Impact assessments

Encl.: Minutes from the scope of assessment

Delivered to:

1. **Slovenské elektrárne, a. s, Bratislava – Atómové elektrárne Mochovce, závod, Hraničná 12, 827 36 Bratislava 212,**
2. **Municipal Office Kalna nad Hronom, Červenej armády 55, 935 32 Kalná nad Hronom**

Cc: for information

3. **Ministry of Economy of SR, Energy Section, Mierová č. 19, 827 15 Bratislava 212**
4. **NUCLEAR REGULATORY AUTHORITY OF THE SLOVAK REPUBLIC, Bajkalská č. 27, P. O. BOX č. 24, 820 07 BRATISLAVA 27;**
5. **National Labour Inspectorate of SR, dept. of labour inspection in the nuclear energy sector, Špitálska č. 8, 815 07 Bratislava 1;**

6. Public Health Office of the Slovak Republic, Trnavská cesta 52, P.O.BOX 45 , 826 45 Bratislava;
7. Regional Office of public health Levice, Komenského č. 4, 934 38 Levice
8. District Environmental Office Levice, L. Štúra č. 53, 934 26 Levice;
9. Office of the Nitra self-governing region, Štefániková č. 69, 941 01 NITRA
10. District office for road transportation and roads Levice, L. Štúra 53, 934 26 Levice
11. Regional Environmental Office Nitra, Janka Kráľa č. 124 , 949 01 Nitra
12. Regional Land Office in Nitra, Štefániková tr. 69 949 80 Nitra,
13. Regional office of department of Civil Protection and crisis management Nitra, Štefániková tr. 69 949 80 Nitra
14. Ministry of Interior of the Slovak Republic, Presidium of Fire and Rescue Coprs, Drieňová 22, 826 86 Bratislava,
15. Civic Aviation Office of the Ministry of Interior, Airport M. R. Štefánika, 823 05 Bratislava 21
16. Slovak Water Management Company, plc. Banská Bystrica, Partizánska ceta 69, 974 98 Banská Bystrica,
17. Labour Inspectorate Nitra, Jelenecká cesta 49, 949 01 Nitra,
18. Technical Inspection a.s., Headquarter Trnavská cesta 56, 821 01 Bratislava 2,
19. Railway Regulation Office , Miletičová 19, 821 08 Bratislava 2,
20. Ministry of Environment of the SR, Department of environmental management hazards, Nám. L. Štúra č. 1, 812 35 Bratislava,
21. Ministry of Environment of the SR, Division of water and energy sources, Nám. L. Štúra č. 1, 812 35 Bratislava,
22. Ministry of Environment of the SR, Division of Geology and Natural Resources, Nám. L. Štúra č. 1, 812 35 Bratislava,
23. Municipal Office Novy Tekov, 935 33 Nový Tekov
24. Municipal Office Stary Tekov, Tekovská 1, 935 26 Starý Tekov
25. Municipal Office Veľky Ďur, Hlavná 80, 935 34 Veľký Ďur
26. Municipal Office Tlmače, Nám. odbojárrov 10, 935 21 Tlmače
27. Municipal Office Male Kozmálovce, 935 21 Tlmače ,
28. Slovak Environment Agency, CMŽP, Ing. Vladimír Lazorišák, Ďarková 19, 949 01 Nitra,



July, 2009

Basic nuclear laws

ANNEX 0.7



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LIST OF BASIC NUCLEAR LAWS

INTERNATIONAL AGREEMENTS AND DOCUMENTS

1. **Euroatom:** The European Atomic Energy Community.
2. **Vienna Convention:** 70/1996 Coll. Notice of the Ministry of Foreign affairs of the Slovak republic Vienna Convention on Civil Liability for Damage caused by Nuclear Event.
3. **Joint Protocol of the Application of Vienna Convention:** 71/1996 Coll. Notice of the Ministry of Foreign Affairs to the Application of Vienna Convention and Paris Convention.
4. **Convention on Nuclear Safety:** 163/1997 Coll. International Convention on Nuclear safety.
5. **Convention on the Safety of Spent Fuel Management:** 125/2002 Coll. Notice of the Ministry of Foreign Affairs to the Joint Convention on the Safety of Spent Fuel Management.
6. **Espoo Convention:** Convention on Environmental Impact Assessment in a Transboundary Context done at Espoo (Finland), on 25 February 1991.

EU LAWS

1. **Directive on shipments of radioactive waste:** Council Directive 92/3/Euratom on the supervision and control of shipments of radioactive waste between Member States and into and out of the Community.
2. **Euroatom safeguards:** Commission Regulation (Euratom) No. 302/2005 of 8 February 2005 on the application of Euratom safeguards.
3. **Regulation on investment projects definition in accordance with Treaty on Establishment of European Atomic Energy Community:** Council Regulation (Euroatom) No. 2587/1999 as of 2 December 1999 defining the investment projects to be communicated to the Commission in accordance with Article 41 of Treaty establishing the European Atomic Energy Community.
4. **Directive on safety standards for the protection of the health of workers and the general public:** Council Directive 96/29/EUROATOM of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation.
5. **Directive on the assessment of the project on the environment:** Council Directive of 27 June 1985 on the assessment of the effects of certain public and private projects on the environment 85/337/EEC.

SLOVAK LAWS

1. **Atomic Act:** Act No. 541/2004 Coll. as of September 9, 2004 on Peaceful Use of Nuclear Energy as amended and supplemented by some other Acts.
2. **Act on the National Nuclear Fund:** Act No. 238/2006 Coll. as of March 16, 2006 on the National Nuclear Fund for the Disposal of Nuclear facilities and for Handling Spent Nuclear Fuel and Radioactive Waste as amended and supplemented by some other Acts.
3. **Act on the Public Health:** Act No. 126/2006 Coll. of February 2, 2006 on the Public Health as amended and supplemented by some other Acts.

4. **Act of the Environment:** Act No. 17/1992 Coll. as of December 5, 1992 on the Environment as amended and supplemented by some other Acts.
5. **Act No. 26/2002 Coll.** on the Conditions on Control of Import, Export and Brokerage Concerning Goods and Technologies which are Subject to International Control Regimes and on Amendment to Act No. 455/1991 Coll. on Small Trade Business (Small Trade Act) as amended by later regulations.

ORDINANCE OF THE GOVERNMENT

1. **Ordinance on Handling the Institutional Radioactive Waste:** Ordinance of the Government of the Slovak Republic No. 334/2006 Coll. as of May 17, 2006 on Details Concerning Handling the Institutional Radioactive Waste.
2. **Ordinance on Protection of Workers' and Citizens' Health against Ionising Radiation:** Ordinance of the Government of the Slovak Republic No. 345/2006 Coll. as of May 10, 2006 on Basic Requirement for the Protection of Workers' and Citizens' Health against Ionising Radiation.
3. **Ordinance on Protection of External Workers' Health against Ionising Radiation:** Ordinance of the Government of the Slovak Republic No. 346/2006 Coll. as of May 3, 2006 on Basic Requirement for the Protection of External Workers' Health against Ionising Radiation during work performance in the controlled area.
4. **Ordinance on Radiation Monitoring Network:** Ordinance of the Government of the Slovak Republic No. 347/2006 Coll. as of May 10, 2006, which defines details on Radiation Monitoring Network.
5. **Ordinance on Providing Control of High Activity Radiators and Abandoned Radiators:** Ordinance of the Government of the Slovak Republic No. 348/2006 Coll. as of May 17, 2006 on basic Requirements for Providing Control of High Activity Radiators and Abandoned Radiators.

REGULATIONS

1. **Regulation on Non-proliferation of Nuclear Weapons:** Regulation of the Ministry of Foreign Affairs of the Slovak Republic as of March 29, 1974 No. 61/1974 to the Treaty on Non-proliferation of Nuclear Weapons.
2. **Regulation on Special Material and Equipment:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic as of January 12, 2006 No. 46/2006 Coll. on Special Material and Equipment, which are subject to supervision of the Nuclear Regulatory Authority of the Slovak Republic.
3. **Regulation on Nuclear Material Limits:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic as of January 12, 2006 No. 47/2006 Coll. on details concerning maximum limits of nuclear material and radioactive waste, in the case of which nuclear damage is not expected.
4. **Regulation on Details of Notification of Operational Events:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 48/2006 on Details of Notification of Operational Events and Events During Shipment as well as Details of Investigation of their Reasons.
5. **Regulation on Nuclear Safety Review:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic as of January 12, 2006 No. 49/2006 Coll. on Periodic Nuclear Safety Review.

6. **Regulation on details Concerning the Nuclear Safety Requirements:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 50/2006 on details Concerning the Nuclear Safety Requirement for Nuclear Installations during Siting, Design, Construction, Commissioning, Operation, Decommissioning and Closure of Repository, as well as criteria for Categorisation of Classified Equipment into Safety Classes.
7. **Regulation on Requirements for Prevision of Physical Protection:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 51/2006 Coll. on Details Concerning Requirements for Provision of Physical Protection.
8. **Regulation on Professional Competency:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 52/2006 on Professional Competency.
9. **Regulation on Requirements for Management of Nuclear Material:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 53/2006 on Details Concerning Requirements for Management of Nuclear Material, Radioactive Waste and Spent Fuel.
10. **Regulation on Accountancy For and Control of Nuclear Material:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 54/2006 on Accountancy For and Control of Nuclear Material as well as Notification of Selected Activities.
11. **Regulation on Emergency Planning:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 55/2006 on Details Concerning Emergency Planning in Case of Nuclear Incident or Accident.
12. **Regulation on Requirements for Quality System Documentation:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 56/2006 on Details Concerning Requirements for Quality System Documentation of Authorisation Holders as well as Details Concerning Quality Requirements for Nuclear Installations, Details Concerning Quality Requirements for Classified Equipment and Details Concerning the Scope of their Approval.
13. **Regulation on Shipment of Radioactive Materials:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 57/2006 on Details Concerning the Requirements for Shipment of Radioactive Materials.
14. **Regulation on Preparation of Nuclear Installation Documentation:** Regulation of the Nuclear Regulatory Authority of the Slovak Republic No. 58/2006 on Details Concerning the Scope, Content and Method of Preparation of Nuclear Installation Documentation Needed for Certain Decisions.



July, 2009

Basic energy laws

ANNEX 0.8



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LIST OF BASIC ENERGY LAWS

Regulations EU

1. **Directive on internal electricity market:** Directive 2003/54/EC of the European Parliament and of The Council of 26 June 2003 concerning common rules for the internal market in electricity and repealing Directive 96/92/EC.
2. **Directive on security of electricity supply:** Directive 2005/89/EC of the European Parliament and of The Council of 18 January 2006 concerning measures to safeguard security of electricity supply and infrastructure investment.
3. **Directive on renewable energy sources:** Directive 2001/77/EC of the European Parliament and of The Council of 27 September 2001 on the promotion on the electricity produced from renewable energy sources in the internal electricity market.
4. **Council directive on restructuring for the taxation of energy products and electricity:** Council Directive 2003/96/EC of 27 October 2003 restructuring the Community framework for the taxation of energy products and electricity.
5. **Directive on the promotion of cogeneration:** Directive 2004/8/EC of the European Parliament and of The Council of 11 February 2004 on the promotion of cogeneration based on a useful heat demand in the internal energy market and amending Directive 92/42/EEC.
6. **Regulation on cross-border exchanges in electricity:** Regulation (EC) No 1228/2003 of the European Parliament and of The Council on condition for access to the network for cross-border exchanges in electricity.
7. **Directive on internal market in natural gas:** Directive 2003/55/EC of the European Parliament and of The Council of 26 June 2003 concerning common rules for the internal market in natural gas and repealing Directive 98/30/EC.
8. **Regulation on applying Regulation on notifying the Commission of investment projects in electricity sectors:** Commission Regulation (EC) No 2386/96 of 16 December applying Council Regulation (EC) No 736/96 of 22 April 1996 on notifying the Commission of investment projects of interest to the Community in the petroleum, natural gas and electricity sectors (Text with EEA relevance).

SLOVAK LAWS

1. **Act on Energy:** Act No. 656/2004 Coll. on Energy as amended and supplemented by some other Acts.
2. **Act on Regulation:** Act No. 503/2005 Coll. on Regulation in Network Industries as amended and supplemented by some other Acts.
3. **Act on Heat Energy:** Act No. 657/2004 Coll. on Heat Energy, as amended and supplemented by some other Acts.
4. **Act on Waste Management:** Act No. 223/2001 Coll. on Waste Management as amended and supplemented by some other Acts
5. **Water Act:** Act No. 364/2004 Coll. on Waters and on Amendment Supplement to the Act of the National Council of the Slovak Republic No. 372/1990 Coll. on Offices as amended and supplemented by some other Acts.
6. **Act on air Protection:** Act No. 478/2002 Coll. on Air Protection and on Amending and Supplement to the Act. No. 401/1998 Coll. on Charges for the Environment Pollution as amended and supplemented by some other Acts.

7. **Act on Civil Protection of Population:** Act of the National Council of the Slovak Republic No. 42/1994 Coll. on Civil Protection of Population as amended and supplemented by some other Acts.

ORDINANCE OF THE GOVERNMENT

1. **Ordinance on Electricity Market Rules:** Ordinance of the Government of the Slovak Republic No. 124/2005 Coll. as of March 30, 2005, which lays down rules for operation of electricity market
2. **Ordinance on Professional Skills:** Ordinance of the Government of the Slovak Republic No. 360/2006 Coll. as of March 3, 2006, which lays down details of professional skills tests, establishment and activities of examining boards, content of professional skills certificate.
3. **Ordinance on Charges for Waste Usage:** Ordinance of the Government of the Slovak Republic No. 755/2005 as of December 15, 2004, which lays down amount of non-regulated payment, charges and details related to changes for water usage.
4. **Ordinance on Gas Market:** Ordinance of the Government of the Slovak Republic No. 123/2005 Coll. as of March 30, 2005, which lays down rules for operation of gas market.

REGULATIONS

1. **Regulation on Heat Generation Rules:** Regulation of the Ministry of Economy of the Slovak Republic No. 136/2005 Coll. as of March 23, 2005, which lays down rules for heat and electricity generation by combined generation of heat and electricity.
2. **Regulation on Calculation of Damage caused by Unauthorised Electricity Offtake:** Regulation of the Ministry of Economy of the Slovak Republic No. 154/2005 Coll. as of April 6, 2005, which lays down rules for calculation of damage caused by unauthorised electricity offtake.
3. **Regulation on Information Provision:** Regulation of the Ministry of Economy of the Slovak Republic No. 156/2005 Coll. as of April 6, 2005, which lays down details of the scope and procedure of providing information necessary for performance of state administration (pursuant to § 10 Article 8 Act No. 656/2004 Coll. on Energy as amended).
4. **Regulation on State of Emergency:** Regulation of the Ministry of Economy of the Slovak Republic No. 206/2005 Coll. as of May 4, 2005, laying down details of the scope and procedure for declaration of a state emergency and declaration of restrictive measures during a state of emergency and measures aimed at ending the state of emergency (pursuant to § 14 Article 5 Act No. 656/2004 Coll. on Energy as amended).
5. **Regulation on Permit Issuance:** Regulation of the Regulatory Office for Network Industries No. 212/2005 Coll. as of May 4, stipulating the sample of application for issuing the permit.
6. **Regulation on Technical Conditions:** Regulation of the Ministry of Economy of the Slovak Republic No. 337/2005 Coll. as of July 13, 2005, laying down details of the scope of technical conditions for access and connection to the system and rules for operating the system.
7. **Regulation on Requirements for Conducting Business in the Energy Sector:** Regulation of the Regulatory Office for Network Industries No. 375/2005 Coll. as of August 10, 2005, laying down requirements for meeting of the technical preconditions for conducting business in the energy sector, for education and professional qualification, as well as method for demonstrating them.



July 2009

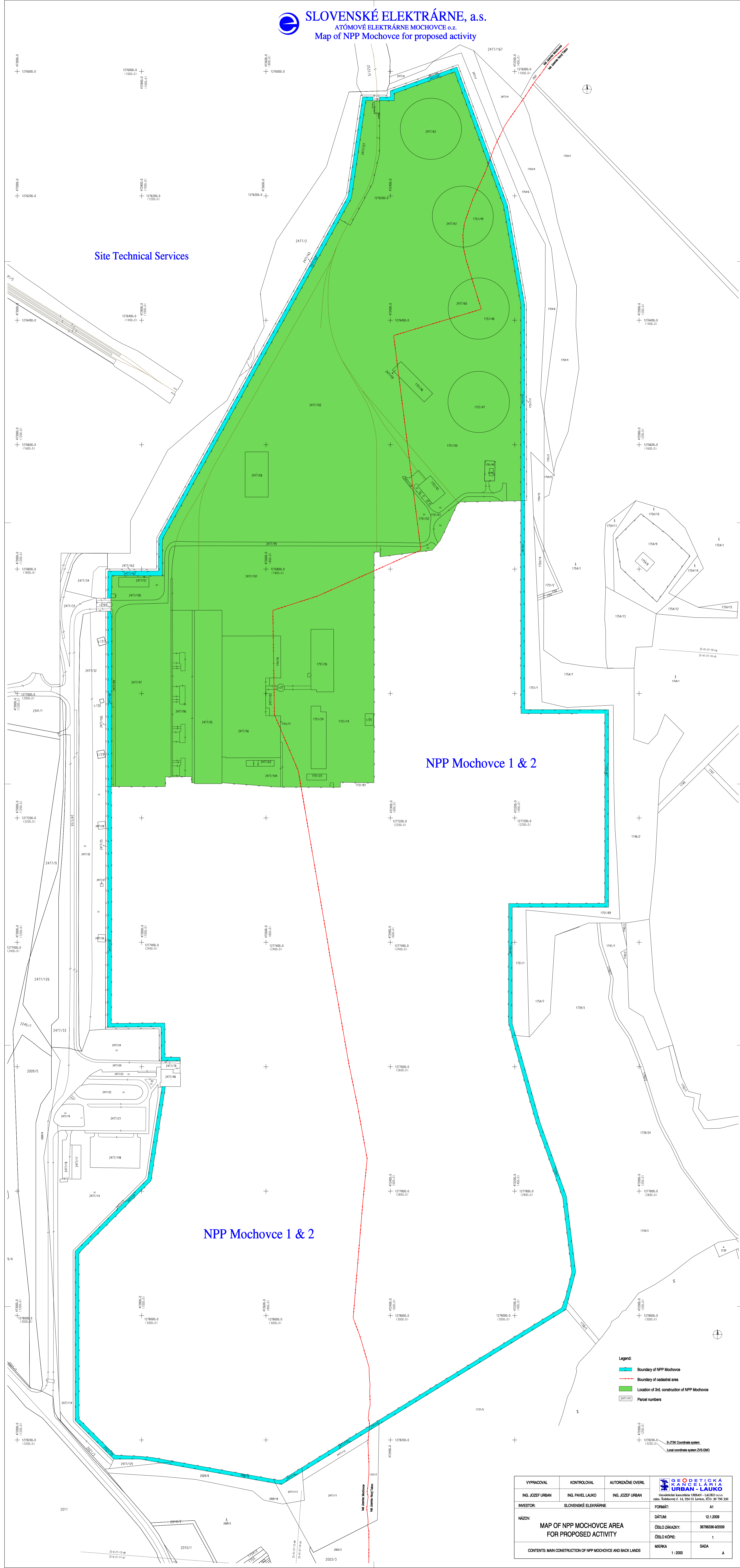
Ownership

ANNEX 1.0



A world of
capabilities
delivered locally





Legend:
— Boundary of NPP Mochovce
— Boundary of cadastral area
— Location of 3rd construction of NPP Mochovce
□ Parcel numbers
— SUTK Coordinate system
— Local coordinate system 205 SMO

VYPRACOVAV ING. JOZEF URBAN	KONTROLOVAL ING. PAVEL LAUKO	AUTORIZAČNÉ OVERIL ING. JOZEF URBAN	GEODETICKÁ KANCELÁRIA URBAN - LAUKO <small>Spoločnosť s ručnosťou - IČO: 443034 Ihňa, Súkromný c. 14, 034 013 Levice, 030 262 796 346</small>	
INVESTOR SLOVENSKÉ ELEKTRÁRNE	FORMÁT A1			
NÁZOV MAP OF NPP MOCHOVCE AREA FOR PROPOSED ACTIVITY	DÁTUM 12.1.2009	ČÍSLO ZÁKADKY 36796308-62039		
CONTENTS: MAIN CONSTRUCTION OF NPP MOCHOVCE AND BACK LANDS			ČÍSLO KOPIE 1	
			MIERKA 1:2000	SADA A

VÝPIS Z KATASTRA NEHNUTEĽNOSTÍ

Okres: Levice

Vytvorené cez katastrálny portál

Obec: KALNÁ NAD HRONOM

Dátum vyhotovenia 07.07.2009

Katastrálne územie: Mochovce

Čas vyhotovenia: 13:48:07

VÝPIS Z LISTU VLASTNÍCTVA č. 103

ČASŤ A: MAJETKOVÁ PODSTATA

PARCELY registra "C" evidované na katastrálnej mape

Parcelné číslo	Výmera v m ²	Druh pozemku	Spôsob využ. p.	Umiest. pozemku	Právny vzťah	Druh ch.n.
1	313	Zastavané plochy a nádvorí	13600		2	
3/ 1	4111	Ostatné plochy	14700		2	
11	986	Ostatné plochy	14700		2	
16/ 1	520	Ostatné plochy	14700		2	
16/ 2	2892	Ostatné plochy	14700		2	
16/ 3	1560	Zastavané plochy a nádvorí	13104		2	
20/ 1	2770	Ostatné plochy	14700		2	
24	59202	Ostatné plochy	14700		2	
86	863	Zastavané plochy a nádvorí	13200		2	
87	1344	Ostatné plochy	14700		2	
123	2699	Ostatné plochy	14700		2	
127	6267	Ostatné plochy	14700		2	
194	34474	Ostatné plochy	14700		2	
219/ 1	4386	Ostatné plochy	14700		2	
221	4962	Ostatné plochy	14700		2	
223/ 2	3011	Ostatné plochy	14700		2	
230/ 1	3080	Ostatné plochy	14700		2	
303/ 1	61724	Ostatné plochy	14700		2	
344/ 1	9266	Ostatné plochy	14700		2	
344/ 2	2006	Ostatné plochy	14700		2	
381	16192	Ostatné plochy	14700		2	
400/ 2	6008	Ostatné plochy	14700		2	
408/ 3	2989	Ostatné plochy	14700		2	
411/ 1	6032	Zastavané plochy a nádvorí	13104		2	
411/ 2	36	Zastavané plochy a nádvorí	13600		2	
411/ 3	317	Zastavané plochy a nádvorí	13600		2	
411/ 4	165	Zastavané plochy a nádvorí	13600		2	
412/ 1	8114	Záhrady	5100		2	
417/ 2	99	Zastavané plochy a nádvorí	13600		2	
2073	1352	Zastavané plochy a nádvorí	13200		2	
2163/ 4	505	Ostatné plochy	14700		2	
2163/ 7	212	Ostatné plochy	14700		2	
2477/ 2	37118	Ostatné plochy	14700		2	
2477/ 3	10637	Ostatné plochy	14700		2	
2477/ 6	619	Ostatné plochy	14700		2	
2477/ 7	2938	Zastavané plochy a nádvorí	13321		2	
2477/ 9	5173	Orná pôda	2100		2	
2477/ 10	98	Ostatné plochy	14700		2	
2477/ 11	13996	Ostatné plochy	14700		2	
2477/ 12	1284	Ostatné plochy	14700		2	

PARCELY registra "C" evidované na katastrálnej mape

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Spôsob využ. p.</i>	<i>Umiest. pozemku</i>	<i>Právny vzťah</i>	<i>Druh ch.n.</i>
2477/ 13	2098	Ostatné plochy	14700			2
2477/ 14	22932	Ostatné plochy	14700			2
2477/ 17	793	Zastavané plochy a nádvorí	13600			2
2477/ 18	1106	Zastavané plochy a nádvorí	13321			2
2477/ 19	1557	Ostatné plochy	14700			2
2477/ 20	10714	Zastavané plochy a nádvorí	13321			2
2477/ 21	8556	Zastavané plochy a nádvorí	13321			2
2477/ 22	2384	Ostatné plochy	14700			2
2477/ 23	792	Ostatné plochy	14700			2
2477/ 24	5948	Ostatné plochy	14700			2
2477/ 25	1582	Ostatné plochy	14700			2
2477/ 26	140	Zastavané plochy a nádvorí	13603			2
2477/ 27	22	Zastavané plochy a nádvorí	13603			2
2477/ 28	141	Zastavané plochy a nádvorí	13603			2
2477/ 29	141	Zastavané plochy a nádvorí	13603			2
2477/ 30	38	Zastavané plochy a nádvorí	13603			2
2477/ 31	143	Zastavané plochy a nádvorí	13603			2
2477/ 32	28550	Ostatné plochy	14700			2
2477/ 33	23284	Zastavané plochy a nádvorí	13321			2
2477/ 34	3889	Ostatné plochy	14700			2
2477/ 35	7586	Zastavané plochy a nádvorí	13200			2
2477/ 36	7582	Zastavané plochy a nádvorí	13200			2
2477/ 37	7594	Zastavané plochy a nádvorí	13200			2
2477/ 38	7600	Zastavané plochy a nádvorí	13200			2
2477/ 39	4453	Zastavané plochy a nádvorí	13603			2
2477/ 40	1430	Zastavané plochy a nádvorí	13200			2
2477/ 41	2720	Zastavané plochy a nádvorí	13200			2
2477/ 42	1210	Zastavané plochy a nádvorí	13200			2
2477/ 43	1214	Zastavané plochy a nádvorí	13200			2
2477/ 44	1209	Zastavané plochy a nádvorí	13200			2
2477/ 45	1897	Zastavané plochy a nádvorí	13200			2
2477/ 46	1353	Zastavané plochy a nádvorí	13200			2
2477/ 47	2571	Zastavané plochy a nádvorí	13200			2
2477/ 48	804	Zastavané plochy a nádvorí	13200			2
2477/ 49	254	Zastavané plochy a nádvorí	13200			2
2477/ 50	566	Zastavané plochy a nádvorí	13200			2
2477/ 51	235	Zastavané plochy a nádvorí	13600			2
2477/ 52	235	Zastavané plochy a nádvorí	13600			2
2477/ 53	13118	Zastavané plochy a nádvorí	13200			2
2477/ 54	9856	Zastavané plochy a	13200			2

PARCELY registra "C" evidované na katastrálnej mape

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Spôsob využ. p.</i>	<i>Umiest. pozemku</i>	<i>Právny vzťah</i>	<i>Druh ch.n.</i>
2477/ 55	12381	nádvoria Zastavané plochy a nádvoria	13600		2	
2477/ 56	16241	Zastavané plochy a nádvoria	13600		2	
2477/ 57	768	Zastavané plochy a nádvoria	13200		2	
2477/ 58	2705	Zastavané plochy a nádvoria	13603		2	
2477/ 59	85	Zastavané plochy a nádvoria	13603		2	
2477/ 60	2189	Zastavané plochy a nádvoria	13603		2	
2477/ 61	4598	Zastavané plochy a nádvoria	13603		2	
2477/ 62	7605	Zastavané plochy a nádvoria	13603		2	
2477/ 63	425	Zastavané plochy a nádvoria	13600		2	
2477/ 64	451	Zastavané plochy a nádvoria	13600		2	
2477/ 65	14346	Zastavané plochy a nádvoria	13603		2	
2477/ 66	113	Zastavané plochy a nádvoria	13200		2	
2477/ 67	2092	Zastavané plochy a nádvoria	13200		2	
2477/ 68	455	Zastavané plochy a nádvoria	13600		2	
2477/ 69	1573	Zastavané plochy a nádvoria	13200		2	
2477/ 70	234	Zastavané plochy a nádvoria	13600		2	
2477/ 71	311	Zastavané plochy a nádvoria	13200		2	
2477/ 72	13876	Zastavané plochy a nádvoria	13603		2	
2477/ 73	22428	Ostatné plochy	14700		2	
2477/ 76	4043	Zastavané plochy a nádvoria	13321		2	
2477/ 77	7798	Ostatné plochy	14410		2	
2477/ 78	481	Ostatné plochy	14410		2	
2477/ 79	1491	Zastavané plochy a nádvoria	13321		2	
2477/ 80	4065	Ostatné plochy	14410		2	
2477/ 81	10253	Ostatné plochy	14410		2	
2477/ 82	2928	Ostatné plochy	14410		2	
2477/ 83	1306	Zastavané plochy a nádvoria	13321		2	
2477/ 84	1435	Ostatné plochy	14410		2	
2477/ 85	3587	Ostatné plochy	14410		2	
2477/ 86	1626	Zastavané plochy a nádvoria	13321		2	
2477/ 87	9635	Ostatné plochy	14410		2	
2477/ 88	807	Zastavané plochy a nádvoria	13321		2	
2477/ 89	9275	Ostatné plochy	14410		2	
2477/ 90	4419	Zastavané plochy a nádvoria	13321		2	
2477/ 92	4776	Ostatné plochy	14700		2	
2477/ 93	5602	Zastavané plochy a nádvoria	13200		2	
2477/ 94	15703	Zastavané plochy a nádvoria	13600		2	
2477/ 96	10122	Zastavané plochy a nádvoria	13600		2	
2477/ 97	26540	Ostatné plochy	14700		2	
2477/ 98	1704	Zastavané plochy a nádvoria	13321		2	

PARCELY registra "C" evidované na katastrálnej mape

Parcelné číslo	Výmera v m2	Druh pozemku	Spôsob využ. p.	Umiest. pozemku	Právny vzťah	Druh ch.n.
2477/99	5603	Zastavané plochy a nádvoria	13321			2
2477/100	2515	Ostatné plochy	14410			2
2477/101	33225	Ostatné plochy	14700			2
2477/102	164923	Ostatné plochy	14700			2
2477/103	671	Ostatné plochy	14700			2
2477/104	5472	Ostatné plochy	14700			2
2477/106	2135	Zastavané plochy a nádvoria	13321			2
2477/107	3564	Zastavané plochy a nádvoria	13603			2
2477/108	71	Ostatné plochy	14700			2
2477/109	4636	Ostatné plochy	14700			2
2477/110	260	Ostatné plochy	14700			2
2477/111	4304	Ostatné plochy	14700			2
2477/112	13083	Ostatné plochy	14700			2
2477/113	3510	Ostatné plochy	14700			2
2477/114	2762	Ostatné plochy	14700			2
2477/115	576	Ostatné plochy	14700			2
2477/116	306	Ostatné plochy	14700			2
2477/117	1416	Ostatné plochy	14700			2
2477/118	529	Ostatné plochy	14700			2
2477/119	402	Ostatné plochy	14700			2
2477/120	934	Ostatné plochy	14700			2
2477/121	756	Zastavané plochy a nádvoria	13321			2
2477/122	761	Ostatné plochy	14700			2
2477/123	227	Zastavané plochy a nádvoria	13200			2
2477/124	1119	Ostatné plochy	14700			2
2477/125	750	Ostatné plochy	14700			2
2477/126	10316	Zastavané plochy a nádvoria	13321			2
2477/127	5477	Ostatné plochy	14700			2
2477/128	261	Ostatné plochy	14700			2
2477/129	15841	Ostatné plochy	14410			2
2477/130	3014	Ostatné plochy	14410			2
2477/131	66	Zastavané plochy a nádvoria	13600			2
2477/132	364	Zastavané plochy a nádvoria	13321			2
2477/134	3446	Ostatné plochy	14700			2
2477/135	4625	Ostatné plochy	14700			2
2477/136	5594	Ostatné plochy	14410			2
2477/137	1222	Zastavané plochy a nádvoria	13321			2
2477/138	7349	Ostatné plochy	14410			2
2477/139	172	Zastavané plochy a nádvoria	13321			2
2477/140	343	Zastavané plochy a nádvoria	13321			2
2477/143	1658	Ostatné plochy	14410			2
2477/144	12793	Zastavané plochy a nádvoria	13321			2
2477/145	4218	Ostatné plochy	14410			2
2477/146	117	Zastavané plochy a nádvoria	13321			2
2477/147	28	Zastavané plochy a nádvoria	13600			2
2477/148	4383	Zastavané plochy a nádvoria	13321			2
2477/151	3076	Zastavané plochy a nádvoria	13603			2
2477/152	5749	Zastavané plochy a nádvoria	13603			2
2477/153	6016	Zastavané plochy a nádvoria	13603			2

PARCELY registra "C" evidované na katastrálnej mape

Parcelné číslo	Výmera v m2	Druh pozemku	Spôsob využ. p.	Umiest. pozemku	Právny vzťah	Druh ch.n.
2477/154	5685	Zastavané plochy a nádvoria	13603			2
2477/155	2274	Zastavané plochy a nádvoria	13603			2
2477/156	26783	Zastavané plochy a nádvoria	13603			2
2477/157	2655	Zastavané plochy a nádvoria	13603			2
2477/158	111	Zastavané plochy a nádvoria	13603			2
2477/159	1779	Ostatné plochy	14700			2
2477/160	929	Ostatné plochy	14700			2
2477/161	86	Ostatné plochy	14700			2
2477/162	6049	Ostatné plochy	14700			2
2477/163	3039	Ostatné plochy	14700			2
2477/164	485	Ostatné plochy	14700			2
2477/165	843	Ostatné plochy	14700			2
2477/166	32	Zastavané plochy a nádvoria	13200			2
2477/170	7346	Zastavané plochy a nádvoria	13200			2

Legenda:

Spôsob využívania pozemku:

13600 - Pozemky, na ktorých sú postavené budovy bez označenia súpisným číslom

14410 - Pozemky, ktoré slúžia ako okrasná záhrada, uličná a sídlisková zeleň, verejná alebo funkčná zeleň (sady, parky a iné)

13200 - Pozemky, na ktorých sú postavené nebytové budovy označené súpisným číslom

14700 - Iné pozemky (odkalisko, skládka odpadu, svahy, rokliny, výmole, vysoké medze s krovím alebo kamením, ochranné hrádze, bermy, slatiny a iné plochy, ktoré neposkytujú trvalý úžitok ? krovie, skaly, štrk, kamenie a iné)

13321 - Pozemky, na ktorých sú postavené inžinierske stavby - cestné, miestne a účelové komunikácie a ich súčasti okrem diaľnic a rýchlostných ciest (cesty a miestne komunikácie, mosty, nadjazdy, tunely, podzemné dráhy, chodníky, nekryté parkoviská a iné)

13104 - Pozemky, na ktorých je dvor

13603 - Pozemky, na ktorých sú postavené ostatné inžinierske stavby

2100 - Pozemky, na ktorých sa pestujú obilniny, okopaniny, krmoviny, technické plodiny, zelenina a iné záhradné plodiny, dočasne zatrávené (maximálne 5 rokov), využívané na pestovanie viacročných krmovín, dočasne nevyužívané pre rastlinnú výrobu

5100 - Pozemky prevažne v zastavanom území obce alebo v záhradkových osadách, na ktorých sa pestuje zelenina, ovocie, okrasná nízka a vysoká zeleň a iné poľnohospodárske plodiny

Umiestnenie pozemku:

2 - Pozemok je umiestnený mimo zastavaného územia obce

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
230/ 4	55	Záhrady	14	0		2
413/ 10	3814	Ostatné plochy		0		2
413/ 11	445	Ostatné plochy		0		2
421/ 1	20	Ostatné plochy		0		2
467/ 8	409	Ostatné plochy		0		2
837/ 1	858	Orná pôda		0		2
837/ 5	1953	Orná pôda		0		2
840/ 3	5213	Orná pôda		0		2
841/ 5	2788	Orná pôda		0		2
841/ 6	2710	Orná pôda		0		2
844/ 2	1420	Orná pôda	14	0		2
844/ 4	873	Orná pôda	13	0		2
844/ 7	1486	Orná pôda		0		2
844/ 8	1121	Orná pôda		0		2
845/ 1	2228	Orná pôda		0		2
849/ 2	908	Orná pôda		0		2
852/ 3	206	Orná pôda		0		2
853/ 2	10	Orná pôda		0		2
977/ 3	463	Trvalé trávne porasty		0		2
980/ 1	94	Trvalé trávne porasty		0		2

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
982/ 1	150	Trvalé trávne porasty			0	2
983/ 1	123	Trvalé trávne porasty			0	2
984/ 1	226	Trvalé trávne porasty			0	2
985/ 1	283	Trvalé trávne porasty			0	2
986/ 3	289	Trvalé trávne porasty			0	2
986/ 4	348	Trvalé trávne porasty			0	2
987/ 1	160	Trvalé trávne porasty			0	2
988/ 1	186	Trvalé trávne porasty			0	2
989/ 1	389	Trvalé trávne porasty			0	2
990/ 1	413	Trvalé trávne porasty			0	2
991/ 1	462	Trvalé trávne porasty			0	2
992/ 1	505	Trvalé trávne porasty			0	2
993/ 1	438	Trvalé trávne porasty			0	2
994/ 1	589	Trvalé trávne porasty	14		0	2
994/ 2	582	Trvalé trávne porasty	14		0	2
995/ 1	544	Trvalé trávne porasty	14		0	2
995/ 2	528	Trvalé trávne porasty			0	2
996	1122	Trvalé trávne porasty	14		0	2
997/ 2	772	Trvalé trávne porasty			0	2
998/ 2	672	Trvalé trávne porasty			0	2
999/ 3	406	Trvalé trávne porasty			0	2
999/ 4	402	Trvalé trávne porasty			0	2
1002/ 1	445	Trvalé trávne porasty			0	2
1003/ 1	403	Trvalé trávne porasty			0	2
1005/ 2	420	Trvalé trávne porasty			0	2
1006/ 2	828	Trvalé trávne porasty			0	2
1008/ 2	205	Trvalé trávne porasty			0	2
1009/ 2	170	Trvalé trávne porasty			0	2
1010/ 2	324	Trvalé trávne porasty	14		0	2
1010/ 4	354	Trvalé trávne porasty			0	2
1011/ 2	345	Trvalé trávne porasty			0	2
1012/ 2	267	Trvalé trávne porasty			0	2
1013/ 2	253	Trvalé trávne porasty			0	2
1014/ 2	296	Trvalé trávne porasty			0	2
1015/ 2	262	Trvalé trávne porasty			0	2
1017/ 2	289	Trvalé trávne porasty			0	2
1018/ 4	195	Trvalé trávne porasty			0	2
1018/ 5	196	Trvalé trávne porasty			0	2
1018/ 6	183	Trvalé trávne porasty			0	2
1019/ 2	300	Trvalé trávne porasty			0	2
1020/ 2	323	Trvalé trávne porasty			0	2
1021/ 2	662	Trvalé trávne porasty			0	2
1022/ 2	333	Trvalé trávne porasty			0	2
1023/ 2	321	Trvalé trávne porasty			0	2
1025/ 2	890	Orná pôda			0	2
1026/ 1	182	Trvalé trávne porasty	14		0	2
1026/ 3	126	Trvalé trávne porasty			0	2
1027/ 1	154	Trvalé trávne porasty	14		0	2
1027/ 4	170	Trvalé trávne porasty			0	2
1028/ 2	104	Orná pôda			0	2
1028/ 3	114	Orná pôda	14		0	2
1028/ 5	45	Trvalé trávne porasty			0	2
1028/ 6	42	Trvalé trávne porasty			0	2
1029/ 2	150	Orná pôda	14		0	2
1029/ 3	58	Trvalé trávne porasty			0	2
1030/ 1	160	Orná pôda	14		0	2
1030/ 3	58	Trvalé trávne porasty			0	2
1031/ 2	325	Orná pôda	14		0	2
1031/ 3	107	Trvalé trávne porasty			0	2
1032/ 1	925	Trvalé trávne porasty	14		0	2
1034/ 3	238	Trvalé trávne porasty			0	2
1034/ 4	206	Trvalé trávne porasty			0	2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
1035/ 3	189	Trvalé trávne porasty		0		2
1035/ 4	238	Trvalé trávne porasty		0		2
1036/ 1	892	Trvalé trávne porasty		0		2
1037/ 2	312	Trvalé trávne porasty		0		2
1040/ 1	594	Orná pôda		0		2
1041/ 1	274	Trvalé trávne porasty	14	0		2
1042/ 2	279	Trvalé trávne porasty		0		2
1043/ 2	286	Trvalé trávne porasty		0		2
1044/ 1	13	Trvalé trávne porasty		0		2
1045	382	Orná pôda	14	0		2
1046	444	Orná pôda	14	0		2
1047/ 2	12	Trvalé trávne porasty		0		2
1048/ 3	55	Trvalé trávne porasty		0		2
1048/ 4	66	Trvalé trávne porasty		0		2
1049/ 1	377	Orná pôda		0		2
1049/ 2	327	Orná pôda	14	0		2
1050/ 2	281	Orná pôda		0		2
1050/ 4	34	Trvalé trávne porasty		0		2
1050/ 5	271	Trvalé trávne porasty		0		2
1051/ 2	258	Trvalé trávne porasty		0		2
1051/ 4	293	Trvalé trávne porasty		0		2
1053/ 2	254	Trvalé trávne porasty		0		2
1054/ 2	791	Orná pôda		0		2
1059/ 1	298	Orná pôda	14	0		2
1060/ 3	262	Orná pôda		0		2
1061/ 2	262	Orná pôda	14	0		2
1063/ 1	390	Orná pôda		0		2
1064/ 2	447	Orná pôda		0		2
1067/ 1	386	Orná pôda	14	0		2
1071/ 3	342	Orná pôda		0		2
1071/ 4	384	Orná pôda		0		2
1074/ 1	426	Orná pôda	14	0		2
1074/ 2	372	Orná pôda	14	0		2
1075/ 2	409	Orná pôda		0		2
1079/ 1	838	Orná pôda	14	0		2
1079/ 2	829	Orná pôda	14	0		2
1088/ 2	266	Orná pôda		0		2
1089/ 2	291	Orná pôda		0		2
1090/ 2	390	Orná pôda		0		2
1091/ 2	75	Orná pôda		0		2
1093/ 3	172	Trvalé trávne porasty		0		2
1094/ 2	204	Orná pôda		0		2
1095/ 3	76	Trvalé trávne porasty		0		2
1096/ 2	48	Trvalé trávne porasty		0		2
1097/ 3	57	Trvalé trávne porasty		0		2
1100/ 2	6	Trvalé trávne porasty		0		2
1106	874	Orná pôda	14	0		2
1107/ 1	467	Orná pôda	14	0		2
1107/ 2	454	Trvalé trávne porasty	14	0		2
1108	323	Trvalé trávne porasty	14	0		2
1109	342	Trvalé trávne porasty	14	0		2
1110	658	Trvalé trávne porasty		0		2
1111	1223	Trvalé trávne porasty		0		2
1112	230	Trvalé trávne porasty	14	0		2
1113/ 3	236	Orná pôda		0		2
1114/ 3	140	Orná pôda		0		2
1115/ 2	88	Orná pôda		0		2
1186/ 3	611	Ostatné plochy		0		2
1187/ 3	4353	Ostatné plochy		0		2
1190/ 2	889	Orná pôda		0		2
1191/ 3	401	Orná pôda		0		2
1191/ 4	392	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
1192/ 3	771	Orná pôda			0	2
1193/ 3	732	Orná pôda			0	2
1194/ 3	677	Orná pôda			0	2
1195/ 3	683	Orná pôda			0	2
1196/ 3	1098	Orná pôda			0	2
1199/ 3	192	Orná pôda			0	2
1200/ 12	960	Orná pôda			0	2
1200/ 13	457	Orná pôda			0	2
1200/ 14	475	Orná pôda			0	2
1200/ 15	798	Orná pôda			0	2
1200/ 16	187	Orná pôda			0	2
1200/ 17	757	Orná pôda			0	2
1201/ 2	737	Orná pôda			0	2
1202/ 2	1093	Orná pôda			0	2
1203/ 2	1051	Orná pôda			0	2
1204/ 2	756	Orná pôda			0	2
1205/ 2	2215	Orná pôda	14		0	2
1205/ 4	35	Orná pôda			0	2
1205/ 5	1987	Orná pôda			0	2
1206/ 7	711	Orná pôda			0	2
1206/ 8	1114	Orná pôda			0	2
1206/ 9	676	Orná pôda			0	2
1206/ 10	804	Orná pôda			0	2
1207/ 3	175	Orná pôda			0	2
1208/ 3	178	Orná pôda			0	2
1209/ 5	200	Orná pôda			0	2
1209/ 6	201	Orná pôda			0	2
1210/ 3	252	Orná pôda			0	2
1211/ 3	535	Orná pôda			0	2
1213/ 3	296	Orná pôda			0	2
1214/ 3	376	Orná pôda			0	2
1215/ 3	848	Orná pôda			0	2
1216/ 2	849	Orná pôda			0	2
1217/ 2	834	Orná pôda			0	2
1218/ 2	698	Orná pôda			0	2
1219/ 3	335	Orná pôda			0	2
1219/ 4	329	Orná pôda			0	2
1221/ 2	243	Orná pôda			0	2
1222/ 2	246	Orná pôda			0	2
1223/ 2	1062	Orná pôda			0	2
1224/ 2	2123	Orná pôda			0	2
1227/ 2	891	Orná pôda	14		0	2
1227/ 3	1169	Orná pôda			0	2
1230	240	Orná pôda	14		0	2
1231	223	Orná pôda	14		0	2
1232	189	Orná pôda	14		0	2
1233/ 1	140	Orná pôda			0	2
1233/ 2	127	Orná pôda	14		0	2
1233/ 3	111	Orná pôda			0	2
1233/ 4	100	Orná pôda	14		0	2
1234	116	Orná pôda	14		0	2
1235	158	Orná pôda	14		0	2
1236	46	Orná pôda	14		0	2
1255/ 3	1844	Ostatné plochy			0	2
1255/ 4	613	Ostatné plochy			0	2
1255/ 5	116	Ostatné plochy			0	2
1256/ 2	198	Ostatné plochy			0	2
2066/ 2	352	Orná pôda			0	2
2067/ 2	1641	Orná pôda			0	2
2068/ 3	503	Orná pôda			0	2
2263/ 2	19175	Orná pôda	14		0	2
2264	8306	Orná pôda	14		0	2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2265	8461	Orná pôda	14	0		2
2266	8333	Orná pôda	14	0		2
2267/ 1	2548	Orná pôda	14	0		2
2267/ 2	2990	Orná pôda	14	0		2
2267/ 3	2301	Orná pôda		0		2
2268	7036	Orná pôda	14	0		2
2269	6995	Orná pôda	14	0		2
2270	6564	Orná pôda	14	0		2
2271/ 1	3519	Orná pôda	14	0		2
2271/ 2	3311	Orná pôda	14	0		2
2271/ 3	3498	Orná pôda	14	0		2
2272/ 1	3834	Orná pôda	14	0		2
2272/ 2	3315	Orná pôda	14	0		2
2273/ 1	5278	Trvalé trávne porasty	14	0		2
2273/ 3	4154	Trvalé trávne porasty	14	0		2
2274/ 1	116	Trvalé trávne porasty	14	0		2
2274/ 2	333	Orná pôda	14	0		2
2275/ 1	464	Orná pôda		0		2
2275/ 2	597	Trvalé trávne porasty	2	0		2
2276/ 1	152	Trvalé trávne porasty	2	0		2
2276/ 2	143	Orná pôda		0		2
2277	934	Trvalé trávne porasty		0		2
2278	779	Orná pôda		0		2
2279/ 1	179	Orná pôda		0		2
2279/ 2	228	Trvalé trávne porasty		0		2
2280/ 1	229	Trvalé trávne porasty	2	0		2
2280/ 2	188	Orná pôda		0		2
2281/ 1	228	Orná pôda		0		2
2281/ 2	266	Trvalé trávne porasty		0		2
2282/ 1	315	Trvalé trávne porasty	2	0		2
2282/ 2	207	Orná pôda		0		2
2283/ 1	367	Orná pôda		0		2
2283/ 2	475	Trvalé trávne porasty	2	0		2
2284/ 1	715	Trvalé trávne porasty	2	0		2
2284/ 2	749	Trvalé trávne porasty	2	0		2
2284/ 3	691	Trvalé trávne porasty	2	0		2
2285/ 1	702	Trvalé trávne porasty	2	0		2
2285/ 2	671	Trvalé trávne porasty		0		2
2286/ 1	1401	Trvalé trávne porasty		0		2
2286/ 2	1342	Trvalé trávne porasty	2	0		2
2287/ 1	606	Trvalé trávne porasty	2	0		2
2287/ 2	594	Trvalé trávne porasty	2	0		2
2288	560	Trvalé trávne porasty		0		2
2289	1993	Trvalé trávne porasty		0		2
2290	993	Orná pôda		0		2
2292	1349	Orná pôda		0		2
2293	1212	Orná pôda		0		2
2294	1154	Orná pôda		0		2
2295	1054	Orná pôda		0		2
2296	568	Orná pôda		0		2
2297	1820	Orná pôda		0		2
2298/ 1	784	Orná pôda		0		2
2298/ 2	694	Orná pôda		0		2
2299	420	Orná pôda		0		2
2300	380	Orná pôda		0		2
2301	355	Orná pôda		0		2
2302	306	Orná pôda		0		2
2303	360	Orná pôda		0		2
2304	3234	Orná pôda		0		2
2305	2912	Orná pôda		0		2
2306	5614	Orná pôda		0		2
2307	2544	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2308	4628	Orná pôda			0	2
2309/ 1	732	Orná pôda			0	2
2309/ 2	897	Orná pôda			0	2
2310	1527	Orná pôda			0	2
2311	1629	Orná pôda			0	2
2312/ 1	3177	Orná pôda			0	2
2312/ 2	3059	Orná pôda			0	2
2312/ 3	220	Orná pôda			0	2
2313/ 1	2096	Orná pôda			0	2
2313/ 2	2016	Orná pôda			0	2
2313/ 3	729	Orná pôda			0	2
2313/ 4	434	Orná pôda			0	2
2314/ 1	1556	Orná pôda			0	2
2314/ 2	1475	Orná pôda			0	2
2314/ 3	143	Orná pôda			0	2
2314/ 4	879	Orná pôda			0	2
2314/ 5	1022	Orná pôda			0	2
2315/ 1	731	Orná pôda			0	2
2315/ 2	1100	Orná pôda	14		0	2
2315/ 3	1743	Orná pôda			0	2
2315/ 4	1259	Orná pôda	14		0	2
2315/ 5	1588	Orná pôda	14		0	2
2315/ 6	1643	Orná pôda			0	2
2316	727	Trvalé trávne porasty	14		0	2
2317/ 1	1855	Orná pôda			0	2
2317/ 2	1183	Orná pôda			0	2
2317/ 3	2269	Orná pôda			0	2
2318/ 1	779	Orná pôda	14		0	2
2318/ 2	551	Orná pôda			0	2
2318/ 3	476	Orná pôda			0	2
2318/ 4	831	Orná pôda			0	2
2318/ 5	468	Orná pôda			0	2
2318/ 6	712	Orná pôda			0	2
2319/ 1	458	Trvalé trávne porasty	14		0	2
2319/ 2	654	Trvalé trávne porasty			0	2
2320	1353	Trvalé trávne porasty	14		0	2
2321/ 1	2543	Orná pôda			0	2
2321/ 2	209	Orná pôda			0	2
2322	1307	Orná pôda	14		0	2
2323	645	Trvalé trávne porasty	14		0	2
2324	589	Trvalé trávne porasty	14		0	2
2325	1304	Orná pôda			0	2
2326	958	Orná pôda			0	2
2327	773	Trvalé trávne porasty	14		0	2
2330	1626	Orná pôda			0	2
2331	1335	Orná pôda			0	2
2334	1513	Orná pôda	14		0	2
2335	998	Trvalé trávne porasty	14		0	2
2336	2618	Orná pôda			0	2
2337/ 1	1827	Orná pôda	14		0	2
2337/ 2	1906	Orná pôda			0	2
2338	2689	Orná pôda			0	2
2339/ 1	3877	Orná pôda			0	2
2339/ 2	3746	Orná pôda			0	2
2340	4196	Orná pôda	14		0	2
2341	2445	Orná pôda	14		0	2
2342	5475	Orná pôda			0	2
2343	3087	Orná pôda			0	2
2344	3022	Orná pôda			0	2
2345	3853	Orná pôda			0	2
2346	3233	Orná pôda			0	2
2347	1488	Orná pôda			0	2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2371/ 1	3385	Ostatné plochy		0		2
2371/ 2	1027	Ostatné plochy		0		2
2371/ 3	202	Ostatné plochy		0		2
2372	849	Ostatné plochy		0		2
2373	853	Ostatné plochy		0		2
2402/ 1	59	Orná pôda	14	0		2
2415/ 1	15	Trvalé trávne porasty	14	0		2
2415/ 2	117	Trvalé trávne porasty	2	0		2
2416	433	Trvalé trávne porasty	2	0		2
2417	625	Trvalé trávne porasty		0		2
2418	896	Trvalé trávne porasty	2	0		2
2419/ 1	772	Trvalé trávne porasty	2	0		2
2419/ 2	551	Trvalé trávne porasty		0		2
2420	1266	Trvalé trávne porasty	2	0		2
2421	1043	Trvalé trávne porasty	2	0		2
2423	533	Trvalé trávne porasty	2	0		2
2424/ 1	746	Trvalé trávne porasty	2	0		2
2424/ 2	822	Trvalé trávne porasty		0		2
2425	867	Trvalé trávne porasty		0		2
2426	252	Trvalé trávne porasty		0		2
2427	270	Trvalé trávne porasty		0		2
2428/ 1	1347	Trvalé trávne porasty	2	0		2
2428/ 2	425	Trvalé trávne porasty		0		2
2429	289	Orná pôda		0		2
2430	2431	Orná pôda		0		2
2431	1297	Trvalé trávne porasty		0		2
2432	450	Orná pôda		0		2
2433	29	Trvalé trávne porasty	2	0		2
2434/ 1	485	Orná pôda		0		2
2434/ 2	317	Trvalé trávne porasty	2	0		2
2435/ 1	582	Orná pôda		0		2
2435/ 2	69	Trvalé trávne porasty	14	0		2
2437	820	Trvalé trávne porasty		0		2
2438/ 1	379	Trvalé trávne porasty		0		2
2438/ 2	383	Trvalé trávne porasty	2	0		2
2439	141	Trvalé trávne porasty	14	0		2
2441	335	Trvalé trávne porasty	14	0		2
2442	298	Trvalé trávne porasty	14	0		2
2443	147	Trvalé trávne porasty	14	0		2
2444/ 1	164	Trvalé trávne porasty	14	0		2
2445/ 1	363	Trvalé trávne porasty		0		2
2445/ 2	293	Trvalé trávne porasty	14	0		2
2445/ 5	166	Trvalé trávne porasty		0		2
2445/ 6	11	Trvalé trávne porasty		0		2
2447	6	Trvalé trávne porasty	14	0		2
2448	10	Orná pôda	14	0		2
2449	1452	Orná pôda		0		2
2450/ 1	482	Orná pôda		0		2
2450/ 2	310	Orná pôda		0		2
2451	49	Trvalé trávne porasty	14	0		2
2452	4	Trvalé trávne porasty	14	0		2
2478/ 4	279	Orná pôda		0		2
2479/ 1	1040	Orná pôda		0		2
2480/ 1	458	Trvalé trávne porasty		0		2
2480/ 3	2730	Trvalé trávne porasty		0		2
2481/ 3	371	Orná pôda		0		2
2506	112	Ostatné plochy		0		2
2511/ 1	1796	Orná pôda	14	0		2
2511/ 2	2394	Orná pôda	14	0		2
2511/ 6	2442	Orná pôda		0		2
2511/ 7	3009	Orná pôda		0		2
2512	5737	Orná pôda	14	0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2513/ 1	173	Trvalé trávne porasty	14	0		2
2513/ 2	151	Trvalé trávne porasty		0		2
2513/ 3	341	Trvalé trávne porasty	14	0		2
2514/ 1	389	Trvalé trávne porasty		0		2
2514/ 2	90	Trvalé trávne porasty		0		2
2515/ 1	2108	Orná pôda	14	0		2
2515/ 2	1983	Orná pôda	14	0		2
2515/ 5	799	Orná pôda		0		2
2515/ 6	868	Orná pôda		0		2
2516/ 1	3128	Orná pôda	14	0		2
2516/ 2	2968	Orná pôda	14	0		2
2516/ 5	1311	Orná pôda		0		2
2516/ 6	1185	Orná pôda		0		2
2518/ 1	3825	Orná pôda		0		2
2518/ 3	1390	Orná pôda		0		2
2519/ 1	4866	Orná pôda		0		2
2519/ 3	1982	Orná pôda		0		2
2520/ 1	5292	Orná pôda		0		2
2520/ 3	1999	Orná pôda		0		2
2521/ 1	3661	Orná pôda		0		2
2521/ 3	1365	Orná pôda		0		2
2522/ 1	1903	Orná pôda		0		2
2522/ 3	717	Orná pôda		0		2
2523/ 1	1681	Orná pôda	14	0		2
2523/ 2	1934	Orná pôda		0		2
2523/ 5	660	Orná pôda		0		2
2533/ 1	8069	Orná pôda		0		2
2533/ 3	2887	Orná pôda		0		2
2534/ 1	2648	Orná pôda	14	0		2
2534/ 2	2612	Orná pôda	14	0		2
2534/ 3	2697	Orná pôda	14	0		2
2534/ 7	889	Orná pôda		0		2
2534/ 8	903	Orná pôda		0		2
2534/ 9	916	Orná pôda		0		2
2537/ 1	6058	Orná pôda	14	0		2
2537/ 2	5979	Orná pôda	14	0		2
2537/ 5	1917	Orná pôda		0		2
2537/ 6	1737	Orná pôda		0		2
2538/ 1	5478	Orná pôda		0		2
2538/ 3	1397	Orná pôda		0		2
2541/ 1	2633	Orná pôda	14	0		2
2541/ 2	2926	Orná pôda		0		2
2541/ 5	632	Orná pôda	14	0		2
2541/ 6	634	Orná pôda		0		2
2542/ 1	6760	Orná pôda	14	0		2
2542/ 3	1428	Orná pôda	14	0		2
2546/ 1	2817	Orná pôda	14	0		2
2546/ 3	539	Orná pôda	14	0		2
2549/ 1	4101	Orná pôda		0		2
2549/ 3	746	Orná pôda		0		2
2550/ 1	2414	Orná pôda		0		2
2550/ 3	414	Orná pôda		0		2
2553/ 1	1799	Orná pôda	14	0		2
2553/ 2	1872	Orná pôda	14	0		2
2553/ 5	279	Orná pôda		0		2
2553/ 6	294	Orná pôda		0		2
2554/ 1	3970	Orná pôda	14	0		2
2554/ 3	612	Orná pôda	14	0		2
2557/ 1	6049	Orná pôda		0		2
2557/ 3	913	Orná pôda		0		2
2558/ 1	2096	Orná pôda		0		2
2558/ 3	304	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2561/ 1	1584	Orná pôda	14	0		2
2561/ 2	3162	Orná pôda	14	0		2
2561/ 5	241	Orná pôda		0		2
2561/ 6	483	Orná pôda		0		2
2562/ 1	3641	Orná pôda	14	0		2
2562/ 2	1843	Orná pôda		0		2
2562/ 3	1821	Orná pôda	14	0		2
2562/ 7	585	Orná pôda		0		2
2562/ 8	280	Orná pôda		0		2
2562/ 9	281	Orná pôda		0		2
2565/ 1	1854	Orná pôda	14	0		2
2565/ 2	1713	Orná pôda	14	0		2
2565/ 3	1895	Orná pôda	14	0		2
2565/ 8	286	Orná pôda		0		2
2565/ 9	259	Orná pôda		0		2
2566/ 1	2014	Orná pôda		0		2
2566/ 3	307	Orná pôda		0		2
2567/ 1	2564	Orná pôda		0		2
2567/ 3	375	Orná pôda		0		2
2570/ 1	2452	Orná pôda		0		2
2570/ 3	387	Orná pôda		0		2
2571/ 1	1582	Trvalé trávne porasty	14	0		2
2571/ 2	1789	Záhrady	14	0		2
2571/ 3	1333	Záhrady	14	0		2
2573/ 4	850	Orná pôda		0		2
2573/ 5	956	Orná pôda		0		2
2573/ 6	864	Orná pôda		0		2
2573/ 7	469	Orná pôda		0		2
2573/ 9	416	Orná pôda		0		2
2576/ 3	441	Orná pôda		0		2
2576/ 4	517	Orná pôda		0		2
2576/ 5	254	Orná pôda		0		2
2576/ 6	291	Orná pôda		0		2
2577/ 1	788	Orná pôda	14	0		2
2577/ 2	860	Orná pôda	14	0		2
2578/ 1	1141	Orná pôda	14	0		2
2578/ 2	1078	Orná pôda		0		2
2580/ 3	680	Orná pôda		0		2
2580/ 4	622	Orná pôda		0		2
2580/ 5	391	Orná pôda		0		2
2580/ 6	401	Orná pôda		0		2
2582	511	Trvalé trávne porasty		0		2
2583/ 1	4002	Trvalé trávne porasty	14	0		2
2583/ 2	544	Orná pôda	14	0		2
2585	971	Orná pôda	14	0		2
2586	619	Orná pôda	14	0		2
2587	930	Orná pôda	14	0		2
2588	600	Orná pôda	14	0		2
2589/ 1	446	Orná pôda		0		2
2589/ 2	425	Orná pôda	14	0		2
2590/ 1	326	Orná pôda	14	0		2
2590/ 2	415	Orná pôda	14	0		2
2591	374	Orná pôda	14	0		2
2592	392	Orná pôda	14	0		2
2593/ 1	188	Orná pôda	14	0		2
2593/ 2	98	Orná pôda	14	0		2
2593/ 3	88	Orná pôda	14	0		2
2594	378	Orná pôda		0		2
2595	406	Orná pôda		0		2
2596	406	Orná pôda		0		2
2598	331	Orná pôda		0		2
2600/ 1	190	Orná pôda	14	0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2600/ 2	206	Orná pôda	14	0		2
2601	392	Orná pôda	14	0		2
2602	317	Orná pôda	14	0		2
2603	439	Orná pôda	14	0		2
2604	378	Orná pôda	14	0		2
2605	334	Orná pôda	14	0		2
2606	331	Orná pôda	14	0		2
2607	403	Orná pôda	14	0		2
2608	396	Orná pôda	14	0		2
2609	335	Orná pôda	14	0		2
2610	381	Orná pôda	14	0		2
2611	381	Orná pôda	14	0		2
2612	356	Orná pôda	14	0		2
2613/ 1	189	Orná pôda	14	0		2
2613/ 2	189	Orná pôda	14	0		2
2614	331	Orná pôda	14	0		2
2615	388	Orná pôda	14	0		2
2616	388	Orná pôda	14	0		2
2617	529	Orná pôda	14	0		2
2618	543	Orná pôda	14	0		2
2619	406	Orná pôda	14	0		2
2620	644	Orná pôda	14	0		2
2621	392	Orná pôda	14	0		2
2624	1518	Orná pôda	14	0		2
2626	388	Orná pôda	14	0		2
2627	428	Orná pôda	14	0		2
2628	367	Orná pôda	14	0		2
2629	381	Orná pôda	14	0		2
2630	381	Orná pôda	14	0		2
2631/ 1	319	Orná pôda	14	0		2
2631/ 2	408	Orná pôda	14	0		2
2632	381	Orná pôda	14	0		2
2633	327	Orná pôda	14	0		2
2634	399	Orná pôda		0		2
2636	356	Orná pôda	14	0		2
2637	720	Orná pôda	14	0		2
2640	395	Orná pôda	14	0		2
2641/ 1	204	Orná pôda	14	0		2
2641/ 2	520	Orná pôda		0		2
2642	320	Orná pôda	14	0		2
2643/ 1	221	Orná pôda	14	0		2
2643/ 2	232	Orná pôda		0		2
2645	360	Orná pôda	14	0		2
2646	173	Orná pôda	14	0		2
2647	191	Orná pôda	14	0		2
2648	460	Orná pôda	14	0		2
2649	320	Orná pôda		0		2
2650	392	Orná pôda		0		2
2652	320	Orná pôda	14	0		2
2653	385	Orná pôda	14	0		2
2654	367	Orná pôda	14	0		2
2655	317	Orná pôda	14	0		2
2656	363	Orná pôda	14	0		2
2657	701	Orná pôda	14	0		2
2658	432	Orná pôda	14	0		2
2659	773	Orná pôda	14	0		2
2660	629	Orná pôda	14	0		2
2661	374	Orná pôda	14	0		2
2662	385	Orná pôda	14	0		2
2663	164	Orná pôda	14	0		2
2664	141	Orná pôda	14	0		2
2665	345	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2666	486	Orná pôda	14	0		2
2667	967	Ostatné plochy		0		2
2668	2604	Ostatné plochy		0		2
2669	655	Ostatné plochy		0		2
2670/ 2	783	Ostatné plochy		0		2
2670/ 3	201	Ostatné plochy		0		2
2672/ 2	453	Ostatné plochy		0		2
2672/ 3	220	Ostatné plochy		0		2
2673/ 1	622	Ostatné plochy		0		2
2673/ 3	271	Ostatné plochy		0		2
2674	10252	Orná pôda	14	0		2
2675	14973	Trvalé trávne porasty	14	0		2
2676/ 1	1006	Trvalé trávne porasty	14	0		2
2676/ 2	976	Trvalé trávne porasty		0		2
2676/ 3	515	Trvalé trávne porasty	14	0		2
2676/ 4	539	Trvalé trávne porasty	14	0		2
2676/ 5	987	Trvalé trávne porasty	14	0		2
2677/ 1	2539	Orná pôda	14	0		2
2677/ 2	1629	Orná pôda		0		2
2677/ 3	2184	Orná pôda	14	0		2
2677/ 4	1291	Orná pôda	14	0		2
2677/ 5	2520	Orná pôda		0		2
2678/ 1	2786	Trvalé trávne porasty	2	0		2
2678/ 2	1878	Trvalé trávne porasty		0		2
2679/ 1	619	Trvalé trávne porasty		0		2
2679/ 2	378	Trvalé trávne porasty		0		2
2679/ 3	388	Trvalé trávne porasty	2	0		2
2680	905	Trvalé trávne porasty	2	0		2
2681/ 2	609	Orná pôda		0		2
2681/ 3	35	Orná pôda		0		2
2681/ 4	1197	Orná pôda		0		2
2682/ 1	260	Orná pôda		0		2
2682/ 2	291	Orná pôda		0		2
2682/ 4	54	Orná pôda		0		2
2683/ 1	250	Orná pôda		0		2
2683/ 2	353	Trvalé trávne porasty		0		2
2684/ 1	351	Trvalé trávne porasty	2	0		2
2684/ 2	234	Orná pôda		0		2
2685	547	Orná pôda	14	0		2
2686/ 1	53	Orná pôda	14	0		2
2686/ 2	454	Orná pôda		0		2
2686/ 3	274	Orná pôda		0		2
2686/ 4	100	Orná pôda		0		2
2687	321	Trvalé trávne porasty	2	0		2
2688	343	Trvalé trávne porasty		0		2
2689/ 1	490	Orná pôda		0		2
2689/ 2	276	Orná pôda		0		2
2689/ 4	136	Orná pôda		0		2
2690	866	Orná pôda		0		2
2691	349	Trvalé trávne porasty	2	0		2
2692	194	Trvalé trávne porasty		0		2
2693/ 1	220	Orná pôda		0		2
2693/ 2	123	Orná pôda	14	0		2
2693/ 4	100	Orná pôda	14	0		2
2694/ 1	855	Orná pôda		0		2
2694/ 2	555	Orná pôda		0		2
2694/ 4	666	Orná pôda		0		2
2695	806	Trvalé trávne porasty	2	0		2
2696	713	Trvalé trávne porasty	2	0		2
2697/ 1	463	Orná pôda		0		2
2697/ 2	386	Orná pôda		0		2
2697/ 4	819	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2698/ 1	87	Orná pôda		0		2
2698/ 2	240	Trvalé trávne porasty	10	0		2
2698/ 5	7	Orná pôda		0		2
2698/ 6	360	Orná pôda		0		2
2699/ 1	34	Orná pôda	14	0		2
2699/ 2	414	Orná pôda	14	0		2
2699/ 3	133	Orná pôda		0		2
2699/ 4	130	Orná pôda		0		2
2699/ 6	32	Orná pôda		0		2
2699/ 7	20	Orná pôda		0		2
2699/ 8	368	Orná pôda		0		2
2700/ 1	214	Trvalé trávne porasty	2	0		2
2700/ 2	170	Trvalé trávne porasty		0		2
2700/ 3	53	Trvalé trávne porasty		0		2
2701/ 1	460	Trvalé trávne porasty		0		2
2701/ 2	9	Trvalé trávne porasty		0		2
2702/ 1	34	Orná pôda		0		2
2702/ 2	249	Orná pôda		0		2
2702/ 3	96	Orná pôda		0		2
2702/ 4	754	Orná pôda		0		2
2703/ 2	272	Orná pôda		0		2
2703/ 3	157	Orná pôda		0		2
2703/ 4	759	Orná pôda		0		2
2704	461	Trvalé trávne porasty	14	0		2
2705/ 1	202	Trvalé trávne porasty	14	0		2
2705/ 3	121	Orná pôda		0		2
2705/ 4	88	Orná pôda		0		2
2705/ 5	289	Orná pôda		0		2
2708	304	Trvalé trávne porasty	14	0		2
2709/ 2	172	Orná pôda		0		2
2709/ 3	182	Orná pôda		0		2
2709/ 4	393	Orná pôda		0		2
2710/ 2	393	Orná pôda		0		2
2710/ 3	537	Orná pôda		0		2
2710/ 4	803	Orná pôda		0		2
2711	663	Trvalé trávne porasty	14	0		2
2712	376	Trvalé trávne porasty	14	0		2
2713/ 2	203	Orná pôda		0		2
2713/ 3	370	Orná pôda		0		2
2713/ 4	345	Orná pôda		0		2
2714/ 2	189	Trvalé trávne porasty	14	0		2
2714/ 3	233	Orná pôda		0		2
2714/ 4	148	Orná pôda		0		2
2714/ 5	121	Orná pôda		0		2
2715/ 2	252	Orná pôda		0		2
2715/ 3	579	Orná pôda		0		2
2715/ 4	283	Orná pôda		0		2
2716	433	Trvalé trávne porasty	14	0		2
2717/ 1	215	Trvalé trávne porasty	14	0		2
2717/ 2	276	Orná pôda	14	0		2
2717/ 3	15	Orná pôda		0		2
2717/ 4	144	Orná pôda		0		2
2717/ 5	129	Orná pôda		0		2
2718/ 2	278	Orná pôda		0		2
2718/ 3	51	Orná pôda		0		2
2718/ 4	539	Orná pôda		0		2
2718/ 5	360	Orná pôda		0		2
2719/ 1	417	Trvalé trávne porasty		0		2
2719/ 2	49	Trvalé trávne porasty		0		2
2720/ 1	60	Trvalé trávne porasty		0		2
2720/ 2	429	Trvalé trávne porasty		0		2
2721/ 1	17	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2721/ 2	404	Orná pôda			0	2
2721/ 4	732	Orná pôda			0	2
2721/ 5	771	Orná pôda			0	2
2721/ 6	47	Orná pôda			0	2
2722/ 1	284	Orná pôda			0	2
2722/ 2	181	Orná pôda			0	2
2722/ 4	297	Orná pôda			0	2
2722/ 5	320	Orná pôda			0	2
2723/ 1	23	Orná pôda			0	2
2723/ 2	27	Orná pôda	14		0	2
2723/ 4	98	Orná pôda			0	2
2723/ 6	136	Orná pôda			0	2
2723/ 7	133	Orná pôda			0	2
2723/ 8	168	Orná pôda			0	2
2723/ 9	190	Orná pôda			0	2
2724/ 1	170	Trvalé trávne porasty	14		0	2
2724/ 2	137	Trvalé trávne porasty	14		0	2
2725	677	Trvalé trávne porasty	14		0	2
2726/ 1	233	Orná pôda	14		0	2
2726/ 2	384	Orná pôda	14		0	2
2726/ 4	520	Orná pôda	14		0	2
2726/ 5	616	Orná pôda	14		0	2
2727/ 2	205	Orná pôda			0	2
2727/ 3	225	Orná pôda			0	2
2727/ 4	174	Orná pôda			0	2
2728/ 1	225	Orná pôda	14		0	2
2728/ 2	231	Trvalé trávne porasty	14		0	2
2728/ 3	90	Orná pôda			0	2
2729/ 1	499	Orná pôda			0	2
2729/ 2	197	Orná pôda			0	2
2729/ 4	201	Orná pôda			0	2
2729/ 5	253	Orná pôda			0	2
2730/ 1	550	Orná pôda			0	2
2730/ 2	248	Orná pôda			0	2
2730/ 3	181	Orná pôda			0	2
2730/ 4	194	Orná pôda			0	2
2731/ 1	579	Orná pôda			0	2
2731/ 2	182	Orná pôda			0	2
2731/ 4	152	Orná pôda			0	2
2731/ 5	231	Orná pôda			0	2
2732/ 2	352	Orná pôda			0	2
2732/ 3	10	Orná pôda			0	2
2732/ 4	131	Orná pôda			0	2
2732/ 5	90	Orná pôda			0	2
2732/ 6	124	Orná pôda			0	2
2733/ 1	545	Orná pôda			0	2
2733/ 2	152	Orná pôda			0	2
2733/ 4	102	Orná pôda			0	2
2733/ 5	185	Orná pôda			0	2
2734/ 1	359	Orná pôda			0	2
2734/ 2	130	Orná pôda			0	2
2734/ 4	71	Orná pôda			0	2
2734/ 5	134	Orná pôda			0	2
2735/ 1	746	Orná pôda	14		0	2
2735/ 2	673	Orná pôda	14		0	2
2735/ 3	203	Orná pôda			0	2
2735/ 4	191	Orná pôda			0	2
2735/ 6	101	Orná pôda			0	2
2735/ 7	220	Orná pôda			0	2
2735/ 8	77	Orná pôda			0	2
2735/ 9	195	Orná pôda			0	2
2736/ 1	1427	Orná pôda			0	2

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2736/ 2	364	Orná pôda			0	2
2736/ 4	98	Orná pôda			0	2
2736/ 5	366	Orná pôda			0	2
2737/ 1	835	Orná pôda			0	2
2737/ 2	202	Orná pôda			0	2
2737/ 4	28	Orná pôda			0	2
2737/ 5	198	Orná pôda			0	2
2738/ 1	729	Orná pôda			0	2
2738/ 2	178	Orná pôda			0	2
2738/ 4	12	Orná pôda			0	2
2738/ 5	169	Orná pôda			0	2
2739/ 1	577	Orná pôda	14		0	2
2739/ 2	575	Orná pôda			0	2
2739/ 3	499	Orná pôda			0	2
2739/ 4	141	Orná pôda			0	2
2739/ 5	160	Orná pôda			0	2
2739/ 6	174	Orná pôda			0	2
2739/ 8	1	Orná pôda			0	2
2739/ 9	126	Orná pôda			0	2
2739/ 10	89	Orná pôda			0	2
2739/ 13	45	Orná pôda			0	2
2742/ 2	571	Orná pôda			0	2
2742/ 3	12	Orná pôda			0	2
2742/ 4	1530	Orná pôda			0	2
2743/ 2	139	Orná pôda			0	2
2743/ 3	370	Orná pôda			0	2
2744/ 2	170	Orná pôda			0	2
2744/ 3	451	Orná pôda			0	2
2745/ 2	126	Orná pôda			0	2
2745/ 3	410	Orná pôda			0	2
2746/ 2	153	Orná pôda			0	2
2746/ 3	450	Orná pôda			0	2
2747/ 2	301	Orná pôda			0	2
2747/ 3	917	Orná pôda			0	2
2748/ 2	307	Orná pôda			0	2
2748/ 3	900	Orná pôda			0	2
2749/ 2	262	Orná pôda			0	2
2749/ 3	876	Orná pôda			0	2
2750/ 1	494	Orná pôda			0	2
2750/ 2	150	Orná pôda			0	2
2751/ 2	130	Orná pôda			0	2
2751/ 3	455	Orná pôda			0	2
2752/ 2	147	Orná pôda			0	2
2752/ 3	351	Orná pôda			0	2
2752/ 4	1727	Orná pôda			0	2
2753/ 1	506	Orná pôda	14		0	2
2753/ 2	374	Orná pôda	14		0	2
2753/ 4	49	Orná pôda			0	2
2753/ 5	99	Orná pôda			0	2
2753/ 7	35	Orná pôda			0	2
2753/ 8	67	Orná pôda			0	2
2754/ 1	526	Orná pôda	14		0	2
2754/ 2	363	Orná pôda	14		0	2
2754/ 4	34	Orná pôda			0	2
2754/ 5	114	Orná pôda			0	2
2754/ 7	100	Orná pôda			0	2
2755/ 2	412	Orná pôda			0	2
2755/ 3	1412	Orná pôda			0	2
2756/ 2	120	Orná pôda			0	2
2756/ 3	430	Orná pôda			0	2
2757/ 2	234	Orná pôda			0	2
2757/ 3	838	Orná pôda			0	2

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2758/ 3	248	Orná pôda	14	0		2
2758/ 4	17	Orná pôda	14	0		2
2759/ 1	669	Orná pôda	14	0		2
2759/ 2	613	Orná pôda	14	0		2
2759/ 4	47	Orná pôda		0		2
2759/ 5	146	Orná pôda		0		2
2759/ 7	167	Orná pôda		0		2
2760/ 1	1234	Orná pôda		0		2
2760/ 2	363	Orná pôda		0		2
2761/ 2	338	Orná pôda		0		2
2761/ 3	1189	Orná pôda		0		2
2762/ 2	273	Orná pôda		0		2
2762/ 3	947	Orná pôda		0		2
2763/ 2	299	Orná pôda		0		2
2763/ 3	911	Orná pôda		0		2
2764/ 1	971	Orná pôda		0		2
2764/ 2	873	Orná pôda	14	0		2
2764/ 3	277	Orná pôda		0		2
2764/ 6	306	Orná pôda		0		2
2765/ 2	305	Orná pôda		0		2
2765/ 3	862	Orná pôda		0		2
2766/ 2	329	Orná pôda		0		2
2766/ 3	909	Orná pôda		0		2
2767/ 2	237	Orná pôda		0		2
2767/ 3	567	Orná pôda		0		2
2768/ 2	234	Orná pôda		0		2
2768/ 3	553	Orná pôda		0		2
2769/ 2	241	Orná pôda		0		2
2769/ 3	538	Orná pôda		0		2
2772/ 1	188	Orná pôda		0		2
2772/ 2	455	Orná pôda		0		2
2773/ 1	225	Orná pôda		0		2
2773/ 2	391	Orná pôda		0		2
2776/ 1	444	Orná pôda	14	0		2
2776/ 2	409	Orná pôda	14	0		2
2776/ 3	189	Orná pôda		0		2
2776/ 4	174	Orná pôda		0		2
2777/ 1	823	Orná pôda	14	0		2
2777/ 2	718	Orná pôda	14	0		2
2777/ 4	418	Orná pôda		0		2
2780/ 1	210	Orná pôda		0		2
2780/ 2	366	Orná pôda		0		2
2781/ 1	259	Orná pôda		0		2
2781/ 2	361	Orná pôda		0		2
2784/ 1	213	Orná pôda		0		2
2784/ 2	349	Orná pôda		0		2
2785/ 1	238	Orná pôda		0		2
2785/ 2	324	Orná pôda		0		2
2786	7	Trvalé trávne porasty	14	0		2
2787	18	Trvalé trávne porasty	14	0		2
2788/ 1	241	Orná pôda		0		2
2788/ 2	352	Orná pôda		0		2
2789/ 1	650	Orná pôda		0		2
2789/ 2	847	Orná pôda		0		2
2790	54	Trvalé trávne porasty	14	0		2
2791/ 1	54	Trvalé trávne porasty	14	0		2
2791/ 2	69	Trvalé trávne porasty	14	0		2
2792/ 1	763	Orná pôda	14	0		2
2792/ 2	739	Orná pôda	14	0		2
2792/ 3	632	Orná pôda		0		2
2792/ 4	624	Orná pôda		0		2
2793/ 1	226	Orná pôda	14	0		2

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2793/ 2	255	Trvalé trávne porasty	14	0		2
2793/ 3	141	Orná pôda		0		2
2794	51	Trvalé trávne porasty	14	0		2
2795	97	Trvalé trávne porasty	14	0		2
2796	385	Trvalé trávne porasty	14	0		2
2797/ 1	395	Orná pôda		0		2
2797/ 2	188	Orná pôda		0		2
2799	47	Trvalé trávne porasty	14	0		2
2800/ 1	128	Trvalé trávne porasty	14	0		2
2800/ 2	59	Orná pôda	14	0		2
2800/ 3	126	Orná pôda		0		2
2801/ 1	112	Orná pôda	14	0		2
2801/ 2	114	Trvalé trávne porasty	14	0		2
2801/ 3	55	Orná pôda		0		2
2802	54	Trvalé trávne porasty	14	0		2
2803	68	Trvalé trávne porasty		0		2
2804/ 1	122	Trvalé trávne porasty		0		2
2804/ 2	124	Orná pôda	14	0		2
2804/ 3	58	Orná pôda		0		2
2805/ 1	214	Orná pôda	14	0		2
2805/ 2	206	Trvalé trávne porasty	14	0		2
2805/ 3	105	Orná pôda		0		2
2806	118	Trvalé trávne porasty	14	0		2
2807	66	Trvalé trávne porasty	14	0		2
2808	115	Trvalé trávne porasty	14	0		2
2809/ 1	136	Orná pôda		0		2
2809/ 2	58	Orná pôda		0		2
2812/ 1	98	Orná pôda		0		2
2812/ 2	47	Orná pôda		0		2
2813	111	Trvalé trávne porasty	14	0		2
2814	90	Trvalé trávne porasty	14	0		2
2817/ 1	150	Orná pôda		0		2
2817/ 2	65	Orná pôda		0		2
2818	138	Trvalé trávne porasty	14	0		2
2819	101	Trvalé trávne porasty	14	0		2
2821/ 1	57	Orná pôda	14	0		2
2821/ 2	71	Trvalé trávne porasty	14	0		2
2821/ 3	45	Orná pôda		0		2
2822	58	Trvalé trávne porasty	14	0		2
2823	139	Trvalé trávne porasty		0		2
2824/ 1	147	Trvalé trávne porasty		0		2
2824/ 2	148	Orná pôda	14	0		2
2824/ 3	67	Orná pôda		0		2
2825/ 1	62	Orná pôda		0		2
2825/ 2	130	Trvalé trávne porasty	14	0		2
2825/ 3	126	Orná pôda		0		2
2826	139	Trvalé trávne porasty	14	0		2
2827	152	Trvalé trávne porasty	14	0		2
2828/ 1	134	Trvalé trávne porasty	14	0		2
2828/ 2	63	Orná pôda	14	0		2
2828/ 3	116	Orná pôda		0		2
2829/ 1	87	Orná pôda		0		2
2829/ 2	48	Trvalé trávne porasty	14	0		2
2829/ 3	82	Orná pôda	14	0		2
2829/ 4	97	Orná pôda		0		2
2829/ 5	84	Orná pôda		0		2
2830	123	Orná pôda	14	0		2
2831	294	Orná pôda	14	0		2
2832/ 1	61	Orná pôda		0		2
2832/ 2	138	Orná pôda		0		2
2833/ 1	62	Orná pôda		0		2
2833/ 2	90	Orná pôda		0		2

PARCELY registra "E" evidované na mape určeného operátu

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Nesúlad DP</i>	<i>Pôvodné k.ú.</i>	<i>Počet č. UO</i>	<i>Umiest pozemku</i>
2834	183	Orná pôda	14	0		2
2835	180	Orná pôda	14	0		2
2836	36	Trvalé trávne porasty	11	0		2
2837/ 1	110	Orná pôda		0		2
2837/ 2	99	Orná pôda		0		2
2838	36	Trvalé trávne porasty	11	0		2
2839	205	Orná pôda	14	0		2
2842/ 1	111	Orná pôda		0		2
2842/ 2	211	Orná pôda		0		2
2843	399	Orná pôda	14	0		2
2844	446	Orná pôda		0		2
2845/ 1	60	Orná pôda		0		2
2845/ 2	206	Orná pôda		0		2
2846/ 1	23	Orná pôda		0		2
2846/ 2	110	Orná pôda		0		2
2847	248	Orná pôda		0		2
2848	209	Orná pôda	14	0		2
2849/ 1	14	Orná pôda		0		2
2849/ 2	93	Orná pôda		0		2
2850/ 1	21	Orná pôda	14	0		2
2850/ 2	223	Orná pôda	14	0		2
2851	500	Orná pôda	14	0		2
2852	237	Orná pôda	14	0		2
2853	94	Orná pôda	14	0		2
2855	317	Orná pôda	14	0		2
2856	219	Orná pôda	14	0		2
2859	270	Orná pôda		0		2
2860	200	Orná pôda	14	0		2
2863	144	Orná pôda	14	0		2
2864	203	Orná pôda	14	0		2
2867/ 1	229	Orná pôda	14	0		2
2867/ 2	260	Orná pôda		0		2
2868	500	Orná pôda	14	0		2
2871	228	Orná pôda	14	0		2
2872	228	Orná pôda	14	0		2
2875	451	Orná pôda	14	0		2
2876	171	Orná pôda	14	0		2
2879	250	Orná pôda	14	0		2
2880	228	Orná pôda	14	0		2
2883	214	Orná pôda	14	0		2
2884	283	Orná pôda	14	0		2
2887	252	Orná pôda		0		2
2888	278	Orná pôda	14	0		2
2891	177	Orná pôda	14	0		2
2892	147	Orná pôda	14	0		2
2895	615	Orná pôda	14	0		2
2896	320	Orná pôda	14	0		2
2899/ 1	143	Orná pôda	14	0		2
2899/ 2	174	Orná pôda	14	0		2
2900	547	Orná pôda	14	0		2
2903	596	Orná pôda	14	0		2
2904/ 1	204	Orná pôda	14	0		2
2904/ 2	228	Orná pôda	14	0		2
2907	439	Orná pôda	14	0		2
2908	401	Orná pôda		0		2
2911	315	Orná pôda	14	0		2
2912/ 1	120	Orná pôda	14	0		2
2912/ 2	155	Orná pôda	14	0		2
2914/ 1	310	Orná pôda	14	0		2
2914/ 2	271	Orná pôda	14	0		2
2914/ 3	317	Orná pôda	14	0		2
2915	282	Orná pôda		0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2916	583	Orná pôda		0		2
2925/ 1	11	Trvalé trávne porasty	11	0		2
2925/ 2	44	Trvalé trávne porasty	11	0		2
2925/ 3	73	Trvalé trávne porasty		0		2
2926	316	Trvalé trávne porasty	14	0		2
2927	167	Trvalé trávne porasty	11	0		2
2928	222	Trvalé trávne porasty		0		2
2929	267	Trvalé trávne porasty		0		2
2930	221	Trvalé trávne porasty	14	0		2
2931	267	Trvalé trávne porasty	14	0		2
2932/ 1	135	Trvalé trávne porasty	14	0		2
2932/ 2	154	Trvalé trávne porasty	14	0		2
2933/ 1	101	Trvalé trávne porasty	14	0		2
2933/ 2	111	Trvalé trávne porasty	14	0		2
2934	232	Trvalé trávne porasty	14	0		2
2935	282	Trvalé trávne porasty	14	0		2
2936	453	Trvalé trávne porasty	14	0		2
2937	334	Trvalé trávne porasty	14	0		2
2938	137	Trvalé trávne porasty		0		2
2939	227	Trvalé trávne porasty		0		2
2942	123	Trvalé trávne porasty		0		2
2943	254	Trvalé trávne porasty		0		2
2944/ 1	243	Trvalé trávne porasty	14	0		2
2944/ 2	245	Trvalé trávne porasty	14	0		2
2945/ 1	109	Trvalé trávne porasty	14	0		2
2945/ 2	102	Trvalé trávne porasty	14	0		2
2946	102	Trvalé trávne porasty	14	0		2
2947	243	Trvalé trávne porasty	14	0		2
2948/ 1	641	Trvalé trávne porasty	14	0		2
2948/ 2	692	Trvalé trávne porasty	14	0		2
2948/ 3	631	Trvalé trávne porasty		0		2
2949/ 1	272	Trvalé trávne porasty	14	0		2
2949/ 2	371	Trvalé trávne porasty	14	0		2
2949/ 3	389	Trvalé trávne porasty		0		2
2950/ 1	490	Trvalé trávne porasty	14	0		2
2950/ 2	564	Trvalé trávne porasty	14	0		2
2951/ 1	953	Trvalé trávne porasty	14	0		2
2951/ 2	935	Trvalé trávne porasty	14	0		2
2952	365	Trvalé trávne porasty	14	0		2
2953	182	Trvalé trávne porasty	14	0		2
2954	218	Trvalé trávne porasty	14	0		2
2955	367	Trvalé trávne porasty	14	0		2
2956	365	Trvalé trávne porasty	14	0		2
2957	223	Trvalé trávne porasty	14	0		2
2966	628	Trvalé trávne porasty	14	0		2
2967	1082	Trvalé trávne porasty	14	0		2
2968/ 1	368	Trvalé trávne porasty	14	0		2
2968/ 2	366	Trvalé trávne porasty	14	0		2
2969/ 1	191	Trvalé trávne porasty	14	0		2
2969/ 2	190	Trvalé trávne porasty	14	0		2
2970	151	Trvalé trávne porasty	14	0		2
2971/ 1	118	Trvalé trávne porasty	14	0		2
2971/ 2	155	Trvalé trávne porasty	14	0		2
2972	1824	Trvalé trávne porasty	14	0		2
2973	363	Trvalé trávne porasty		0		2
2974	339	Trvalé trávne porasty	14	0		2
2975	741	Trvalé trávne porasty	14	0		2
2977	374	Trvalé trávne porasty	14	0		2
2978	432	Trvalé trávne porasty		0		2
2979/ 1	1191	Trvalé trávne porasty	14	0		2
2979/ 2	1179	Trvalé trávne porasty	14	0		2
2980/ 1	338	Trvalé trávne porasty	14	0		2

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Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
2980/ 2	311	Trvalé trávne porasty	14	0		2
2981/ 1	177	Trvalé trávne porasty		0		2
2981/ 2	373	Trvalé trávne porasty	14	0		2
2981/ 4	68	Trvalé trávne porasty	14	0		2
2981/ 5	43	Trvalé trávne porasty	14	0		2
2981/ 6	3	Trvalé trávne porasty		0		2
2982/ 1	440	Trvalé trávne porasty	14	0		2
2982/ 2	415	Trvalé trávne porasty	14	0		2
2982/ 3	51	Trvalé trávne porasty		0		2
2982/ 4	49	Trvalé trávne porasty		0		2
2983/ 1	293	Trvalé trávne porasty	14	0		2
2983/ 2	55	Trvalé trávne porasty	14	0		2
2983/ 3	25	Trvalé trávne porasty	14	0		2
2983/ 4	206	Trvalé trávne porasty	14	0		2
2983/ 5	55	Trvalé trávne porasty	14	0		2
2984/ 1	202	Trvalé trávne porasty		0		2
2984/ 2	2	Trvalé trávne porasty		0		2
2984/ 3	378	Trvalé trávne porasty		0		2
2985/ 1	79	Trvalé trávne porasty	14	0		2
2985/ 2	275	Trvalé trávne porasty	14	0		2
2985/ 3	39	Trvalé trávne porasty		0		2
2985/ 4	240	Trvalé trávne porasty		0		2
2986/ 1	411	Trvalé trávne porasty		0		2
2986/ 2	3	Trvalé trávne porasty		0		2
2987	198	Trvalé trávne porasty		0		2
2988/ 1	542	Trvalé trávne porasty	14	0		2
2988/ 2	541	Trvalé trávne porasty	14	0		2
2989	579	Trvalé trávne porasty	14	0		2
2990	611	Trvalé trávne porasty	14	0		2
2991/ 1	57	Trvalé trávne porasty		0		2
2991/ 2	25	Trvalé trávne porasty		0		2
2991/ 3	1393	Trvalé trávne porasty		0		2
2992/ 1	790	Trvalé trávne porasty		0		2
2992/ 2	8	Trvalé trávne porasty		0		2
2992/ 3	698	Trvalé trávne porasty		0		2
2993/ 1	519	Trvalé trávne porasty		0		2
2993/ 2	154	Trvalé trávne porasty		0		2
2994/ 1	517	Trvalé trávne porasty		0		2
2994/ 2	4	Trvalé trávne porasty		0		2
2995	680	Trvalé trávne porasty	2	0		2
2996	660	Trvalé trávne porasty	2	0		2
2997	221	Trvalé trávne porasty	2	0		2
2998	395	Trvalé trávne porasty	2	0		2
3000	313	Trvalé trávne porasty	2	0		2
3001/ 1	612	Trvalé trávne porasty	2	0		2
3001/ 2	561	Trvalé trávne porasty	2	0		2
3002	320	Trvalé trávne porasty	2	0		2
3003	578	Trvalé trávne porasty		0		2
3004	1171	Trvalé trávne porasty		0		2
3005	945	Trvalé trávne porasty	2	0		2
3006	388	Trvalé trávne porasty	2	0		2
3007	342	Trvalé trávne porasty	2	0		2
3008/ 1	504	Trvalé trávne porasty		0		2
3008/ 2	446	Trvalé trávne porasty		0		2
3008/ 3	504	Trvalé trávne porasty	2	0		2
3009	722	Trvalé trávne porasty	2	0		2
3010/ 1	480	Trvalé trávne porasty	2	0		2
3010/ 2	472	Trvalé trávne porasty	2	0		2
3011	385	Trvalé trávne porasty		0		2
3012/ 1	440	Trvalé trávne porasty	2	0		2
3012/ 2	603	Trvalé trávne porasty		0		2
3012/ 3	664	Trvalé trávne porasty		0		2

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
3013/ 1	839	Trvalé trávne porasty	2	0		2
3013/ 2	795	Trvalé trávne porasty	2	0		2
3014	442	Trvalé trávne porasty	2	0		2
3015/ 1	432	Trvalé trávne porasty		0		2
3015/ 2	425	Trvalé trávne porasty	2	0		2
3016	1064	Trvalé trávne porasty	2	0		2
3017	1217	Trvalé trávne porasty		0		2
3018	334	Trvalé trávne porasty	2	0		2
3019	343	Trvalé trávne porasty	2	0		2
3020/ 1	531	Trvalé trávne porasty	2	0		2
3020/ 2	555	Trvalé trávne porasty	2	0		2
3021	894	Trvalé trávne porasty		0		2
3022	517	Trvalé trávne porasty	2	0		2
3023	486	Trvalé trávne porasty	2	0		2
3024	453	Trvalé trávne porasty		0		2
3025	486	Trvalé trávne porasty		0		2
3026	806	Trvalé trávne porasty		0		2
3027	910	Trvalé trávne porasty	2	0		2
3028	133	Trvalé trávne porasty		0		2
3029	1404	Trvalé trávne porasty	2	0		2
3030	1394	Trvalé trávne porasty	2	0		2
3031	1478	Trvalé trávne porasty		0		2
3032	792	Trvalé trávne porasty	2	0		2
3033	791	Trvalé trávne porasty	2	0		2
3034	442	Trvalé trávne porasty		0		2
3035	507	Trvalé trávne porasty		0		2
3036	543	Trvalé trávne porasty		0		2
3037	386	Trvalé trávne porasty	2	0		2
3038/ 1	357	Trvalé trávne porasty		0		2
3038/ 2	23	Trvalé trávne porasty		0		2
3040/ 1	190	Trvalé trávne porasty		0		2
3040/ 2	634	Trvalé trávne porasty		0		2
3041/ 1	972	Trvalé trávne porasty	14	0		2
3041/ 3	206	Trvalé trávne porasty		0		2
3041/ 4	63	Trvalé trávne porasty		0		2
3042/ 1	853	Orná pôda		0		2
3042/ 3	155	Orná pôda		0		2
3042/ 4	289	Orná pôda		0		2
3043	487	Orná pôda	14	0		2
3044/ 1	294	Trvalé trávne porasty		0		2
3044/ 2	81	Trvalé trávne porasty		0		2
3045/ 1	359	Trvalé trávne porasty		0		2
3045/ 2	9	Trvalé trávne porasty		0		2
3046/ 1	24	Orná pôda		0		2
3046/ 2	468	Orná pôda		0		2
3047/ 1	172	Orná pôda	14	0		2
3047/ 2	80	Orná pôda	14	0		2
3047/ 3	59	Orná pôda		0		2
3047/ 4	153	Orná pôda		0		2
3048	317	Trvalé trávne porasty	14	0		2
3049/ 1	198	Trvalé trávne porasty	14	0		2
3049/ 2	196	Trvalé trávne porasty	14	0		2
3050/ 1	312	Orná pôda		0		2
3050/ 2	250	Orná pôda		0		2
3051/ 1	337	Orná pôda		0		2
3051/ 2	89	Orná pôda		0		2
3052	430	Trvalé trávne porasty	14	0		2
3053	445	Trvalé trávne porasty		0		2
3054/ 1	385	Orná pôda		0		2
3054/ 2	8	Orná pôda		0		2
3055/ 1	1864	Ostatné plochy		0		2
3055/ 2	1499	Ostatné plochy		0		2

PARCELY registra "E" evidované na mape určeného operátu

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Nesúlad DP</i>	<i>Pôvodné k.ú.</i>	<i>Počet č. UO</i>	<i>Umiest pozemku</i>
3055/ 3	198	Ostatné plochy			0	2
3055/ 4	171	Ostatné plochy			0	2
3056	4626	Ostatné plochy			0	2
3084/ 6	462	Orná pôda			0	2
3085/ 3	38	Orná pôda			0	2
3117/ 3	2031	Ostatné plochy			0	2
3224/ 1	8503	Orná pôda			0	2
3224/ 2	4794	Orná pôda	14		0	2
3224/ 3	5143	Orná pôda	14		0	2
3224/ 4	10052	Orná pôda	14		0	2
3224/ 5	10458	Orná pôda	14		0	2
3224/ 6	911	Orná pôda	14		0	2
3224/ 8	1001	Orná pôda			0	2
3224/ 12	3244	Orná pôda			0	2
3224/ 14	1469	Orná pôda			0	2
3225/ 1	2323	Trvalé trávne porasty			0	2
3225/ 2	938	Trvalé trávne porasty	14		0	2
3225/ 3	850	Trvalé trávne porasty	14		0	2
3225/ 4	903	Trvalé trávne porasty	14		0	2
3225/ 5	53	Trvalé trávne porasty	14		0	2
3226/ 2	178	Ostatné plochy			0	2
3226/ 3	424	Ostatné plochy			0	2
3227/ 1	28712	Orná pôda			0	2
3227/ 2	8407	Orná pôda			0	2
3227/ 4	4601	Orná pôda			0	2
3228/ 2	629	Orná pôda			0	2
3228/ 3	791	Orná pôda			0	2
3229/ 2	575	Orná pôda			0	2
3229/ 3	960	Orná pôda			0	2
3230/ 3	380	Orná pôda			0	2
3230/ 4	129	Orná pôda			0	2
3230/ 5	959	Orná pôda			0	2
3230/ 6	948	Orná pôda			0	2
3231/ 2	2063	Orná pôda			0	2
3232/ 2	257	Orná pôda			0	2

Legenda:

Umiestnenie pozemku:

2 - Pozemok je umiestnený mimo zastavaného územia obce

Stavby

<i>Súpisné číslo</i>	<i>na parcele číslo</i>	<i>Druh stavby</i>	<i>Popis stavby</i>	<i>Druh ch.n.</i>	<i>Umiest. stavby</i>
1	2477/ 48		650/1 hlavná vratnica		1
4	2477/ 45		630/1 budova ASRP		1
5	2477/ 50		529/1 ustr.el.dozor.		1
5	2477/ 93		522/1 vonk.rozvodna		1
6	2477/ 47		631/1 admin.budova		1
7	2477/ 46		653/1 LEKARSKA STAN.		1
8	2477/ 69		840/1 prevadzka.budov		1
9	2477/ 71		442/1 VTL kompr.st.		1
10	2477/ 42	100	SO 580/1-01VENT.CHLA		1
11	2477/ 43	100	SO 580/1-02VENT.CHLA		1
12	2477/ 44	100	SO 580/1-03VENT.CHLA		1
13	2477/ 36	100	SO 581/1-01CHLAD.VEŽ		1
14	2477/ 37	100	SO 581/1-02CHLAD.VEŽ		1
15	2477/ 35	100	SO-581/1-03CHLAD.VEŽ		1
16	2477/ 38	100	SO 581/1-04CHLAD.VEŽ		1
17	2477/ 40	100	SO 584/1-01ČS.TECH.V		1
18	2477/ 41	100	SO 584/1-03 ČS TECHV		1
19	2477/ 67	100	SO 442/1-01DIESELGEN		1
20	2477/ 53	100	SO 490/1-01STROJ.1.		1
21	2477/ 54	100	SO 800/1-01BUD.REAKR		1

Stavby

<i>Súpisné číslo</i>	<i>na parcele číslo</i>	<i>Druh stavby</i>	<i>Popis stavby</i>	<i>Druh ch.n.</i>	<i>Umiest. stavby</i>
22	2477/ 66	100	SO 803/1-01VENT.KOMI		1
23	2477/ 57	100	SO 881/1-01BUD.METEO		1
24	2477/ 49	100	SO 940/1-01 STRAŽ.1		1
25	3042/ 14	100	NA SO11-651/001 TEP		1
Právny vzťah k parcele na ktorej leží stavba 25 nie je evidovaný na liste vlastníctva.					
26	2341/ 60	100	NA SO11-651/011 B KO		1
Právny vzťah k parcele na ktorej leží stavba 26 nie je evidovaný na liste vlastníctva.					
27	2341/ 55	100	NA SO11-651/011 A KO		1
Právny vzťah k parcele na ktorej leží stavba 27 nie je evidovaný na liste vlastníctva.					
28	3042/ 21	100	NA SO11-651/011 E KO		1
Právny vzťah k parcele na ktorej leží stavba 28 nie je evidovaný na liste vlastníctva.					
29	2537/ 23	100	NA SO11-651/014B KO		1
Právny vzťah k parcele na ktorej leží stavba 29 nie je evidovaný na liste vlastníctva.					
32	3042/ 24	100	NA SO11-641/003 KANC		1
Právny vzťah k parcele na ktorej leží stavba 32 nie je evidovaný na liste vlastníctva.					
33	3042/ 25	100	NA SO11-641/004 KANC		1
Právny vzťah k parcele na ktorej leží stavba 33 nie je evidovaný na liste vlastníctva.					
34	3042/ 23	100	NA SO11-641/005 KANC		1
Právny vzťah k parcele na ktorej leží stavba 34 nie je evidovaný na liste vlastníctva.					
35	2341/ 50	100	NA SO11-641/007 KANC		1
Právny vzťah k parcele na ktorej leží stavba 35 nie je evidovaný na liste vlastníctva.					
36	2537/ 24	100	NA SO11-641/017SOC.P		1
Právny vzťah k parcele na ktorej leží stavba 36 nie je evidovaný na liste vlastníctva.					
37	2341/ 54	100	NA SO11-641/018 SOC		1
Právny vzťah k parcele na ktorej leží stavba 37 nie je evidovaný na liste vlastníctva.					
38	2341/ 49	100	NA SO11-641/019 SOC		1
Právny vzťah k parcele na ktorej leží stavba 38 nie je evidovaný na liste vlastníctva.					
40	2341/ 70	100	NA SO11-641/022 SOC.		1
Právny vzťah k parcele na ktorej leží stavba 40 nie je evidovaný na liste vlastníctva.					
41	3042/ 18	100	NA SO11-641/027 SOC		1
Právny vzťah k parcele na ktorej leží stavba 41 nie je evidovaný na liste vlastníctva.					
42	3042/ 35	100	NA SO11-643/006 SATN		1
Právny vzťah k parcele na ktorej leží stavba 42 nie je evidovaný na liste vlastníctva.					
43	3042/ 11	100	NA SO11-643/007 SATN		1
Právny vzťah k parcele na ktorej leží stavba 43 nie je evidovaný na liste vlastníctva.					
44	2537/ 45	100	NA SO11-645/007BUFET		1
Právny vzťah k parcele na ktorej leží stavba 44 nie je evidovaný na liste vlastníctva.					
45	3042/ 7	100	NA SO11-651/011 F KO		1
Právny vzťah k parcele na ktorej leží stavba 45 nie je evidovaný na liste vlastníctva.					
46	2341/ 13	100	NA SO11-651/014A KOT		1
Právny vzťah k parcele na ktorej leží stavba 46 nie je evidovaný na liste vlastníctva.					
47	2341/ 25	100	NA SO11-653/003 CER.		1
Právny vzťah k parcele na ktorej leží stavba 47 nie je evidovaný na liste vlastníctva.					
48	2341/ 46	100	NA SO11-700/569 DIEL		1
Právny vzťah k parcele na ktorej leží stavba 48 nie je evidovaný na liste vlastníctva.					
49	2341/ 48	100	NA SO11-700/571 SKLA		1
Právny vzťah k parcele na ktorej leží stavba 49 nie je evidovaný na liste vlastníctva.					
50	2341/ 45	100	NA SO11-700/589 DIEL		1
Právny vzťah k parcele na ktorej leží stavba 50 nie je evidovaný na liste vlastníctva.					
51	2341/ 43	100	NA SO11-700/615 DIEL		1
Právny vzťah k parcele na ktorej leží stavba 51 nie je evidovaný na liste vlastníctva.					
52	3042/ 8	100	NA SO11-700/630 DIEL		1
Právny vzťah k parcele na ktorej leží stavba 52 nie je evidovaný na liste vlastníctva.					
53	3042/ 6	100	NA SO11-700/636 SOC		1
Právny vzťah k parcele na ktorej leží stavba 53 nie je evidovaný na liste vlastníctva.					
54	2341/ 14	100	NA SO11-700/682 DIEL		1
Právny vzťah k parcele na ktorej leží stavba 54 nie je evidovaný na liste vlastníctva.					
55	2341/ 15	100	NA SO11-700/683 DIEL		1

Stavby

<i>Súpisné číslo</i>	<i>na parcele číslo</i>	<i>Druh stavby</i>	<i>Popis stavby</i>	<i>Druh ch.n.</i>	<i>Umiest. stavby</i>
Právny vzťah k parcele na ktorej leží stavba	57	2341/ 23	100 NA SO11-700/687 TECH		1
Právny vzťah k parcele na ktorej leží stavba	58	2341/ 17	100 NA SO11-700/689SKLAD		1
Právny vzťah k parcele na ktorej leží stavba	60	2341/ 18	100 NA SO11-700/712 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	61	2341/ 27	100 NA SO11-700/713 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	63	2341/ 51	100 NA SO11-700/725 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	64	2537/ 26	100 NA SO11-700/727 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	65	2537/ 25	100 NA SO11-700/728 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	66	2341/ 28	100 NA SO11-700/729 SKLA		1
Právny vzťah k parcele na ktorej leží stavba	68	2537/ 17	100 NA SO11-800/801 DIEL		1
Právny vzťah k parcele na ktorej leží stavba	69	2537/ 18	100 NA SO11-800/802NETEM		1
Právny vzťah k parcele na ktorej leží stavba	72	2537/ 12	100 NA SO11-800/805NETEM		1
Právny vzťah k parcele na ktorej leží stavba	73	2537/ 22	100 NA SO11-800/806NETEM		1
Právny vzťah k parcele na ktorej leží stavba	74	2537/ 14	100 NA SO11-800/807NETE		1
Právny vzťah k parcele na ktorej leží stavba	75	2537/ 10	100 NA SO11-800/808NETEM		1
Právny vzťah k parcele na ktorej leží stavba	76	2537/ 13	100 NA SO11-800/809NETEM		1
Právny vzťah k parcele na ktorej leží stavba	77	2341/ 21	100 NA SO11-800/815GAR.P		1
Právny vzťah k parcele na ktorej leží stavba	78	2537/ 16	100 NA SO11-800/817SKLAD		1
Právny vzťah k parcele na ktorej leží stavba	79	2537/ 15	100 NA SO11-800/818SKLAD		1
Právny vzťah k parcele na ktorej leží stavba	80	2537/ 20	100 NA SO11-800/820PRIST		1
Právny vzťah k parcele na ktorej leží stavba	81	2341/ 19	100 NA SO11-800/821PRIST		1
Právny vzťah k parcele na ktorej leží stavba	82	86	700 stavba		1
	82	2537/ 11	100 NA SO-11-800/822PRIS		1
Právny vzťah k parcele na ktorej leží stavba	83	2341/ 20	100 NA SO11-800/823PRIST		1
Právny vzťah k parcele na ktorej leží stavba	84	2537/ 41	100 na SO 11-587/001 Regulačná stanica plynu		1
Právny vzťah k parcele na ktorej leží stavba	85	3042/ 31	100 na SO 11-646 Ohybáreň		1
Právny vzťah k parcele na ktorej leží stavba	86	3042/ 30	100 na SO 11-647 Výrobňa armoblokov		1
Právny vzťah k parcele na ktorej leží stavba	87	2414/ 3	100 na SO 11-800/837 Defektoskopické stredis		1
Právny vzťah k parcele na ktorej leží stavba	88	2537/ 19	100 na SO 11-800/816 Sklad plynov		1
Právny vzťah k parcele na ktorej leží stavba	88	2537/ 19	100 na SO 11-800/816 Sklad plynov		1

Stavby

Súpisné číslo	na parcele číslo	Druh stavby	Popis stavby	Druh ch.n.	Umiest. stavby
89	2414/ 4	100	na SO 11-800/838 Sklad izotopov		1
Právny vzťah k parcele na ktorej leží stavba 89 nie je evidovaný na liste vlastníctva.					
90	2374/ 5	100	na SO 11-558/004 ČS pri vodojeme		1
Právny vzťah k parcele na ktorej leží stavba 90 nie je evidovaný na liste vlastníctva.					
91	3042/ 4	100	na SO 11-554/003 ČS splaškových vôd		1
Právny vzťah k parcele na ktorej leží stavba 91 nie je evidovaný na liste vlastníctva.					
92	2374/ 6	100	na SO11-558/006Regul.tlaku v priv.pit.vo		1
Právny vzťah k parcele na ktorej leží stavba 92 nie je evidovaný na liste vlastníctva.					
93	2374/ 7	100	na SO 11-558/001 Vodojem 2x250		1
Právny vzťah k parcele na ktorej leží stavba 93 nie je evidovaný na liste vlastníctva.					
94	2341/ 72	100	na SO11-528/005Gravit.odolej.dažd'ov.vôd		1
Právny vzťah k parcele na ktorej leží stavba 94 nie je evidovaný na liste vlastníctva.					
95	2477/166	370	GARAŽ-SO 840/1-01.1		1
96	3042/ 22	100	NA PREV.SOC.BUD.KANC		1
Právny vzťah k parcele na ktorej leží stavba 96 nie je evidovaný na liste vlastníctva.					
98	2477/170	100	SO805/1-01,806/1-01		1
173	2073	700	stavba		1
407	2477/123	100	SO 801/1-01 BUD.POM.		1
	1	703	KOSTOL		1

Legenda:

Druh stavby:

703 - Iná budova bez označenia súpisným číslom

370 - Samostatne stojaca garáž

100 - Priemyselná budova a sklad, nádrž a silo

700 - Iná budova označená súpisným číslom

Kód umiestnenia stavby:

1 - Stavby postavané na zemskom povrchu

ČASŤ B: VLASTNÍCI A INÉ OPRÁVNENÉ OSOBY

Por. číslo **Priezvisko, meno (názov), rodné priezvisko, dátum narodenia, rodné číslo (IČO) a Spoluvlastnícky podiel miesta trvalého pobytu (sídlo) vlastníka**

Účastník právneho vzťahu:

Vlastník

1 Slovenské elektrárne,a.s., Hraničná 12, Bratislava, PSČ 827 36, SR

1 / 1

Dátum narodenia :

PLOMBA O ZMENE PRÁVA K NEHNUTEĽNOSTI VYZNAČENÁ NA ZÁKLADE Z - 1541/2009

Titul nadobudnutia	Navrh na zapis c.Z-2431/98 zo dna 29.5.1998,geom.plan c.33115087-15/98.
Titul nadobudnutia	Kúpna zmluva č.V-3068/2000 zo dňa 11.12.2000,geom.plán č.20/99 zo dňa 23.9.1999.-v.z.37/2000
Titul nadobudnutia	Kúpna zmluva č.V-2944/2000 zo dňa 13.12.2000,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3110/2000 zo dňa 21.12.2000,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3108/2000 zo dňa 21.12.2000,geom.plán č.26/99 zo dňa 13.9.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2736/2001 zo dňa 23.11.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1294/2001 zo dňa 23.7.2001,kúpna zmluva č.V-2767/2001 zo dňa 14.11.2001,kúpna zmluva č.V-2733/2001 zo dňa 8.11.2001,kúpna zmluva č.V-2773/2001 zo dňa 15.11.2001,kúpna zmluva č.V-230/2001 zo dňa 5.3.2001,kúpna zmluva č.V-2780/2001 zo dňa 15.11.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.-v.z.55,84,85,86,44/2001.
Titul nadobudnutia	Kúpna zmluva č.V-231/2001 zo dňa 6.3.2001.-v.z.45/2001
Titul nadobudnutia	Kúpna zmluva č.V-944/2002 zo dňa 29.4.2002,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1888/2003 zo dňa 2.7.2003,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4717/2003 zo dňa 23.2.2004,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.LS-8/2004 zo dňa 20.5.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3073/2000 zo dňa 11.12.2000.
Titul nadobudnutia	Kúpna zmluva č.V-2946/2000 zo dňa 13.12.2000,kúpna zmluva č.V-2947/2000 zo dňa 6.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2822/2004 zo dňa 17.9.2004.
Titul nadobudnutia	Návrh č.8.3/5014/51/99-364 zo dňa 22.9.1999, č.Z-4519/99 zo dňa 24.9.1999.
Titul nadobudnutia	Listina o určení súpisného čísla č.318/1999 zo dňa 17.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2966/2000 zo dňa 6.12.2000,geom.plán č.25/99 zo dňa 21.10.1999.

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Dátum narodenia :

Titul nadobudnutia	Kúpna zmluva č.V-2996/2000 zo dňa 8.12.2000,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3104/2000 zo dňa 4.1.2001,kúpna zmluva č.V-3103/2000 zo dňa 4.1.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1311/2001 zo dňa 20.7.2001,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-181/2001,V-182/2001 zo dňa 6.3.2001.-v.z.42/2001 kúpna zmluva č.V-2779/2001 zo dňa 15.11.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Listina o určení súp.čísła č.484/02 zo dňa 9.9.2002, kolaudačné rozhodnutie, č. Z-4425/02 zo dňa 25.9.2002.
Titul nadobudnutia	Kúpna zmluva č.V-1570/2003 zo dňa 4.6.2003,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4762/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-4186/2003.-v.z.1/2003 Kúpna zmluva č.V-4321/2003 zo dňa 24.2.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4776/2003 zo dňa 25.2.2004,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4778/2003 zo dňa 25.2.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Návrh na záznam zo dňa 22.6.2004, geom.plán č.83/2003 zo dňa 31.7.2003, Z-3107/2004 zo dňa 24.6.2004.
Titul nadobudnutia	Kúpna zmluva č.V-1969/2004 zo dňa 22.7.2004.
Titul nadobudnutia	Žiadosť,č.Z-1631/2002 zo dňa 9.4.2002.
Titul nadobudnutia	Kúpna zmluva č.V-3075/2000 zo dňa 11.12.2000,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3074/2000 zo dňa 11.12.2000,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3072/2000 zo dňa 11.12.2000,kúpna zmluva č.V-3073/2000 zo dňa 11.12.2000.
Titul nadobudnutia	Kúpna zmluva č.V-1285/2001 zo dňa 23.7.2001,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4765/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Kúpna zmluva č.V-1969/2004 zo dňa 22.7.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2146/2004 zo dňa 10.8.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2328/2004 zo dňa 27.8.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2324/2004 zo dňa 27.8.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2147/2004 zo dňa 3.9.2004.
Titul nadobudnutia	Kúpna zmluva č.LS-15/2004 zo dňa 24.6.2004,geom.pl.č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.LS-53/2004 zo dňa 8.9.2004,geom.pl.č.6/99 zo dňa 18.5.1999,geom.pl.č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.LS-55/2004 zo dňa 8.9.2004,geom.plán č.26/99 zo dňa 13.9.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2801/2004 zo dňa 17.9.2004.
Titul nadobudnutia	Kúpna zmluva č.V-3039/2004 zo dňa 12.10.2004.kúpna zmluva č.V-3040/2004 zo dňa 12.10.2004,kúpna zmluva č.V-3041/2004 zo dňa 12.10.2004.
Titul nadobudnutia	Kúpna zmluva č.LS-75/2004 zo dňa 4.11.2004,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3421/2004 zo dňa 16.11.2004.
Titul nadobudnutia	Kúpna zmluva č.V-3559/2004 zo dňa 26.11.2004.
Titul nadobudnutia	Kúpna zmluva č.V-3647/2004 zo dňa 3.12.2004.
Titul nadobudnutia	Kúpna zmluva č.LS-2/2005 zo dňa 11.2.2005,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.LS-1/2005 zo dňa 11.2.2005,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.98/5014/320, V-124/99 zo dňa 19.1.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2945/2000 zo dňa 13.12.2000,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2968/2000 zo dňa 6.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2967/2000 zo dňa 6.12.2000,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3076/2000 zo dňa 11.12.2000,kúpna zmluva č.V-3077/2000 zo dňa 11.12.2000,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3001/2000 zo dňa 8.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3002/2000 zo dňa 8.12.2000.
Titul nadobudnutia	Kúpna zmluva č.V-2974/2000 zo dňa 8.12.2000,kúpna zmluva č.V-2973/2000 zo dňa 8.12.2000,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2921/2000 zo dňa 6.12.2000,kúpna zmluva č.V-2920/2000 zo dňa 6.12.2000,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.6/99 zo dňa 18.5.1999
Titul nadobudnutia	Kúpna zmluva č.V-181/2001 zo dňa 6.3.2001,kúpna zmluva č.V-182/2001 zo dňa 6.3.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.

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Dátum narodenia :

Titul nadobudnutia	Kúpna zmluva č.V-1297/2001 zo dňa 23.7.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.199.
Titul nadobudnutia	Žiadosť č.5.2/1001/21 zo dňa 2.8.2001, č. Z-4163/01 zo dňa 3.8.2001, listiny o určení súp.čísła č.374/2001 zo dňa 31.7.2001, geometrický plán č.4/2000 zo dňa 5.4.2000, č.5/2000 zo dňa 20.4.2000.
Titul nadobudnutia	Kúpna zmluva č.V-1296/2001 zo dňa 23.7.2001,kúpna zmluva č.V-1316/2001 zo dňa 23.7.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2769/2001 zo dňa 15.11.2001,kúpna zmluva č.V-2782/2001 zo dňa 15.11.2001,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2770/2001 zo dňa 15.11.2001,kúpna zmluva č.V-2781/2001 zo dňa 15.11.2001,geom.plán č.6/99 zo dňa 18.5.1999.-v.z.89/2001 Kúpna zmluva č.V-2974/2000 zo dňa 8.12.2000,kúpna zmluva č.V-2921/2000 zo dňa 6.12.2000,geom.plán č.6/99 zo dňa 18.5.1999.-v.z.39,40/2001.
Titul nadobudnutia	Kúpna zmluva č.V-2775/2001 zo dňa 15.11.2001.-v.z.95/2001 Kúpna zmluva č.V-2776/2001 zo dňa 15.11.2001.-v.z.96/2001 Kúpna zmluva č.V-2774/2001 zo dňa 15.11.2001,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2799/2001 zo dňa 20.11.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3070/2000 zo dňa 13.12.2000.-v.z.20/2001 kúpna zmluva č.V-3607/2001 zo dňa 28.1.2002,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3611/2001 zo dňa 28.1.2002,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3614/2001 zo dňa 28.1.2002,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3612/2001 zo dňa 28.1.2002.-v.z.10/2002
Titul nadobudnutia	Žiadosť,č.Z-1631/2002 zo dňa 9.4.2002.
Titul nadobudnutia	Kúpna zmluva č.V-938/2002 zo dňa 26.4.2002,kúpna zmluva č.V-941/2002 zo dňa 29.4.2002,kúpna zmluva č.V-1531/2002 zo dňa 30.5.2002,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3612/2001 zo dňa 28.1.2002.-v.z.10/2002 Kúpna zmluva č.V-3614/2001 zo dňa 28.1.2002.-v.z.11/2002 Kúpna zmluva č.V-939/2002 zo dňa 29.4.2002,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-231/2001 zo dňa 6.3.2001.-v.z.45/2001 Kúpna zmluva č.V-2775/2001 zo dňa 15.11.2001.-v.z.95/2001 Kúpna zmluva č.V-2776/2001 zo dňa 15.11.2001.-v.z.96/2001 Kúpna zmluva č.V-2774/2001 zo dňa 15.11.2001.-v.z.97/2001 Kúpna zmluva č.V-944/2002 zo dňa 29.4.2002,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1240/2002 zo dňa 23.5.2002,geom.plán č.25/66 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1305/2002 zo dňa 28.5.2002,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-1303/2002 zo dňa 14.6.2002,geom.plán č.26/99 zo dňa 13.9.1999. Kúpna zmluva č.V-1305/2002 zo dňa 28.5.2002.-v.z.28/2002 Kúpna zmluva č.V-3075/2000,V-3074/2000,V-3072/2000,V-3073/2000 zo dňa 11.12.2000.-v.z.41,42,43/2000 Kúpna zmluva č.V-2946/2000 zo dňa 13.12.2000,V-2947/2000 zo dňa 6.12.2000.-v.z.35/2001 Kúpna zmluva č.V-2734/2001,V-2740/2001 zo dňa 23.11.2001.-V.Z.99/2001 Kúpna zmluva č.V-2735/2001 zo dňa 23.11.2001,kúpna zmluva č.V-1532/2002 zo dňa 31.5.2002.-v.z.100/2001,v.z.26/2002
Titul nadobudnutia	Kúpna zmluva č.V-2997/2002 zo dňa 9.8.2002,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3957/2002 zo dňa 3.10.2002,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3956/2002 zo dňa 3.10.2002. Kúpna zmluva č.V-1297/2001 zo dňa 23.7.2001,geom.plán č.6/99 zo dňa 18.5.1999.-v.z.57/2001
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-4187/2002,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-4186/2002,geom.plán č.6/99 zo dňa 18.5.1999. Kúpna zmluva č.V-1295/2001 zo dňa 23.7.2001.-v.z.56/2001 Kúpna zmluva č.V-181/2001 zo dňa 6.3.2001.-v.z.42/2001 Kúpna zmluva č.V-2779/2001 zo dňa 15.11.2001.-v.z.92/2001 Kúpna zmluva č.V-2112/2002 zo dňa 28.6.2002.-v.z.34/2002 Kúpna zmluva č.V-2993/2000 zo dňa 8.12.2000.-v.z.5/2001 Kúpna zmluva č.V-2997/2000 zo dňa 8.12.2000.-v.z.26/2001 Kúpna zmluva č.V-2770/2001,V-2781/2001 zo dňa 15.11.2001.-v.z.89/2001 Kúpna zmluva č.V-1297/2001 zo dňa 23.7.2001.-v.z.57/2001 Kúpna zmluva č.V-2738/2001 zo dňa 8.11.2001.-v.z.73/2001 Kúpna zmluva č.V-2737/2001 zo dňa 8.11.2001.-v.z.78/2001 Kúpna zmluva č.V-2739/2001 zo dňa 8.11.2001.-v.z.79/2001

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Titul nadobudnutia	Kúpna zmluva č.V-171/2003 zo dňa 21.1.2003 Kúpna zmluva č.V-5241/2002 zo dňa 21.1.2003 Kúpna zmluva č.V-5237/2002 zo dňa 21.1.2003 Kúpna zmluva č.V-5238/2002 zo dňa 31.1.2003 Kúpna zmluva č.V-5240/2002 zo dňa 21.1.2003 Zmluva o prevode vlastníctva č.V-5262/2002 zo dňa 20.1.2003 Zmluva o prevode vlastníctva č.V-5263/2002 zo dňa 5.2.2003,geom.plán č.75/2002 zo dňa 27.11.2002.
Titul nadobudnutia	Kúpna zmluva č.V-1312/2005 zo dňa 3.5.2005.
Titul nadobudnutia	Kúpna zmluva č.V-867/2005 zo dňa 1.4.2005.
Titul nadobudnutia	Kúpna zmluva č.V-1406/2005 zo dňa 11.5.2005,kúpna zmluva č.V-1407/2005 zo dňa 11.5.2005.
Titul nadobudnutia	Kúpna zmluva č.LS-14/2005 zo dňa 31.8.2005,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3229/2005 zo dňa 8.9.2005,kúpna zmluva č.V-3230/2005 zo dňa 8.9.2005.
Titul nadobudnutia	Návrh na zápis do KN č.SE/2006/032339 zo dňa 14.2.2006, listina Obce Kalná nad Hronom o určení súpis.čísla k č.553/2001 zo dňa 8.2.2006, č.Z-5684/05 zo dňa 25.11.2005.
Titul nadobudnutia	Kúpna zmluva č.V-4958/2006 zo dňa 14.12.2006.
Titul nadobudnutia	Kúpna zmluva č.V-5034/2006 zo dňa 19.12.2006,zámenná zmluva č.V-5035/2006 zo dňa 19.12.2006,geom.plán č.63/2004 zo dňa 24.9.2004.
Titul nadobudnutia	Kúpna zmluva č.V-5335/2006 zo dňa 5.1.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5557/2006 zo dňa 17.1.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5558/2006 zo dňa 17.1.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1036/2007 zo dňa 30.3.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1037/2007 zo dňa 30.3.2007.
Titul nadobudnutia	Kúpna zmluva č. V-1309/2007 zo dňa 20.4.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1015/2005 zo dňa 8.4.2005.
Titul nadobudnutia	Kúpna zmluva č.V-1475/2005 zo dňa 13.5.2005,kúpna zmluva č.V-1476/2005 zo dňa 13.5.2005.
Titul nadobudnutia	Kúpna zmluva č.V-1898/2006 zo dňa 7.6.2006.
Titul nadobudnutia	Kúpna zmluva č.V-1900/2006 zo dňa 7.6.2006.
Titul nadobudnutia	Kúpna zmluva č.V-3000/2006 zo dňa 14.8.2006.
Titul nadobudnutia	Kúpna zmluva č.V-3468/2006 zo dňa 13.9.2006. Kúpna zmluva č.V-3469/2006 zo dňa 13.9.2006. Kúpna zmluva č.V-3471/2006 zo dňa 13.9.2006. Kúpna zmluva č.V-3474/2006 zo dňa 13.9.2006.
Titul nadobudnutia	Kúpna zmluva č.V-4959/2006 zo dňa 12.12.2006.
Titul nadobudnutia	Kúpna zmluva č.V-1310/2007 zo dňa 20.4.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1314/2007 zo dňa 20.4.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1313/2007 zo dňa 20.4.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1311/2007,V-1312/2007 zo dňa 20.4.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3068/2000 zo dňa 11.12.2000,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3109/2000 zo dňa 21.12.2000,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-185/2001 zo dňa 6.3.2001,kúpna zmluva č.V-180/2001 zo dňa 5.3.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-230/2001 zo dňa 5.3.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1285/2001 zo dňa 23.7.2001,geom.plán č.26/99 zo dňa 13.9.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1299/2001 zo dňa 23.7.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2737/2001 zo dňa 8.11.2001,kúpna zmluva č.V-2739/2001 zo dňa 8.11.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.-v.z.78/2001,79/2001 Kúpna zmluva č.V-2778/2001 zo dňa 15.11.2001,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2771/2001 zo dňa 15.11.2001,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Návrh na zápis stavby zo dňa 22.4.2002, č. Z-2002/2002 zo dňa 30.4.2002, geometrický plán č.60/01 zo dňa 12.12.2001, listina o určení súpis.čísla č.242-2002 zo dňa 19.4.2002, kolaudačné rozhodnutie č.j.2002/02162-007 zo dňa 11.3.2002.
Titul nadobudnutia	Kúpna zmluva č.V-2730/2001 zo dňa 14.11.2001.-v.z.75/2001 Kúpna zmluva č.V-2803/2001 zo dňa 20.11.2001.-v.z.76/2001 Kúpna zmluva č.V-2801/2001 zo dňa 20.11.2001.-v.z.77/2001

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Dátum narodenia :

Titul nadobudnutia	Kúpna zmluva č.V-3954/2002 zo dňa 22.10.2002,kúpna zmluva č.V-3613/2002 zo dňa 28.1.2002-v.z.7/2002,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3953/2002 zo dňa 9.6.2003,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4765/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-1966/2004-15 zo dňa 11.8.2004.
Titul nadobudnutia	Kúpna zmluva č.V-1284/2001 zo dňa 30.7.2001,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1969/2004 zo dňa 22.7.2004.
Titul nadobudnutia	Návrh na záznam, kolaudačné rozhodnutie č. 2001/08859-006 zo dňa 28.11.2001, geometrický plán č.14/99 zo dňa 12.11.1999, č. Z-5640/2004 zo dňa 11.11.2004.
Titul nadobudnutia	Ziadosť č.8.3/5014/S1/99-363 zo dňa 22.9.1999, geometricky plán č.27/99 zo dňa 15.6.1999, listina o určení súp.č. č.468/99 zo dňa 20.9.1999, č. Z-4520/99 zo dňa 24.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2965/2000 zo dňa 6.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2995/2000 zo dňa 8.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2997/2000 zo dňa 8.12.2000,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-235/2001 zo dňa 6.3.2001,kúpna zmluva č.V-234/2001 zo dňa 6.3.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1284/2001 zo dňa 30.7.2001,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2800/2001 zo dňa 20.11.2001,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kolaudačné rozhodnutie č.U-2001/01120, č.U-2001/01116, č.U-2001/01117, č.U-2001/01118 zo dňa 17.12.2001, č.Z-1323/2002 zo dňa 18.3.2002. Geometrický plán č.37/2000 zo dňa 15.1.2001. Geometrický plán č.24/2001 zo dňa 14.5.2001. Geometrický plán č.49/2000 zo dňa 18.1.2001. Geometrický plán č.38/2001 zo dňa 12.10.2001.
Titul nadobudnutia	Kúpna zmluva č.V-940/2002 zo dňa 29.4.2002,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3955/2002 zo dňa 3.10.2002. Kúpna zmluva č.V-2772/2001 zo dňa 15.11.2001,geom.plán č.26/99 zo dňa 13.9.1999.-v.z.94/2001
Titul nadobudnutia	Kúpna zmluva č.V-1569/2003 zo dňa 4.6.2003 kúpna zmluva č.V-937/2002 zo dňa 26.4.2002.-v.z.17/2002 geom.plán č.20/99zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2025/2003 zo dňa ,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2024/2003 zo dňa 16.7.2003,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2026/2003 zo dňa 16.7.2003,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-1298/2001 zo dňa 23.7.2001.-v.z.58/2001 Zmluva o prevode vlastníctva č.V-4186/2002.-v.z.1/2003 Kúpna zmluva č.V-4770/2003 zo dňa 23.2.2004,kúpna zmluva č.V-4771/203 zo dňa 23.2.2004 geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4777/2003,V-4780/2003 zo dňa 23.2.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.pán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4773/2003 zo dňa 23.2.2004,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4782/2003,V-4794/2003 zo dňa 24.2.2004,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4784/2003,V-4785/2003 zo dňa 24.2.2004,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4255/2003,V-4256/2003 zo dňa 26.2.204,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4789/2003 zo dňa 24.2.2004,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4790/2003 zo dňa 25.2.2004,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4783/2003 zo dňa 24.2.2004 zo dňa 24.2.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Návrh na zápis stavby, rozhodnutie o určení súpisného čísla č. 186/2004 zo dňa 19.3.2004, geometrický plán č. 12/2004 zo dňa 9.3.2004, č.Z-1639/2004 zo dňa 31.3.2004.
Titul nadobudnutia	Kúpna zmluva č.LS-9/2004 zo dňa 21.5.2004,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3069/2000 zo dňa 11.12.2000,geom.plán č.20/99 zo dňa

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Dátum narodenia :

Titul nadobudnutia	Kúpna zmluva č.V-3111/2000 zo dňa 21.12.2000,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3107/2000 zo dňa 21.12.2000,kúpna zmluva č.V-3106/2000 zo dňa 21.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2946/2000 zo dňa 13.12.2000,kúpna zmluva č.V-2947/2000 zo dňa 6.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3101/2000 zo dňa 11.12.2000,kúpna zmluva č.V-3102/2000 zo dňa 11.12.2000,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.13.9.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2731/2001 zo dňa 8.11.2001,kúpna zmluva č.V-2732/2001 zo dňa 8.11.2001,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2734/2001 zo dňa 23.11.2001,kúpna zmluva č.V-2740/2001 zo dňa 23.11.2001,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3609/2001 zo dňa 28.1.2002,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3610/2001 zo dňa 28.1.2002.-v.z.8/2002
Titul nadobudnutia	Kúpna zmluva č.V-937/2002 zo dňa 26.4.2002,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-943/2002 zo dňa 29.4.2002,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2112/2002 zo dňa 28.6.2002,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2799/2001 zo dňa 20.11.2001.-v.z.101/2001
Titul nadobudnutia	Kúpna zmluva č.V-2769/2001,kúpna zmluva č.V-2782/2001 zo dňa 15.11.2001.-v.z.82/2001
Titul nadobudnutia	Kúpna zmluva č.V-4766/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Kúpna zmluva č.V-4788/2003 zo dňa 24.2.2004,kúpna zmluva č.V-4791/2003 zo dňa 25.2.2004,geom.plán č.6/99 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4322/2003 zo dňa 24.2.2004,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-4786/2003 zo dňa 25.2.2004,geom.plán č.6/99 zo dňa 18.5.1999,geom.plán č.20/99 zo dňa 23.9.1999,geom.plán č.26/99 zo dňa 13.9.1999.
Titul nadobudnutia	Kúpna zmluva č.V-3074/2000 zo dňa 11.12.2000.
Titul nadobudnutia	Kúpna zmluva č.LS-13/2004 zo dňa 24.6.2004,geom.pl.č.6/99 zo dňa 18.5.1999,geom.pl.č.20/99 zo dňa 23.9.1999,geom.pl.č.26/99 zo dňa 13.9.1999,geom.pl.č.25/99 zo dňa 21.10.1999.
Titul nadobudnutia	Kúpna zmluva č.V-2821/2004 zo dňa 17.9.2004,kúpna zmluva č.V-2823/2004 zo dňa 17.9.2004.
Titul nadobudnutia	Kúpna zmluva č.V-3229/2004 zo dňa 28.10.2004,kúpna zmluva č.V-3230/2004 zo dňa 28.10.2004.
Titul nadobudnutia	Kúpna zmluva č.V-3420/2004 zo dňa 16.11.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2663/2007 zo dňa 4.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2667/2007 zo dňa 4.7.2007.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V 1966/04-vz 54/04.
Titul nadobudnutia	Kúpna zmluva č.V 2324/2004 zo dňa 27/8.2004-vz 65/2004.
Titul nadobudnutia	Kúpna zmluva č.V-2720/2007 zo dňa 9.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2730/2007 zo dňa 11.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3235/2007 zo dňa 2.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3395/2007 zo dňa 14.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4763/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2689/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4533/07 zo dňa 18.10.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5149/2007 zo dňa 23.11.2007.
Titul nadobudnutia	Kúpna zmluva č.V-6093/2008 zo dňa 19.11.2008.
Titul nadobudnutia	Kúpna zmluva č.V-2666/2007 zo dňa 4.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2664/2007, č.V- 2668/2007 zo dňa 4.7.2007, č.V-2655/2007 zo dňa 6.07.2007.
Titul nadobudnutia	Kúpna zmluva č.V-1477/2005 zo dňa 13.5.2005.-vz.50/2005.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-1966/2004-15 zo dňa 11.8.2004.-vz.54/2004.
Titul nadobudnutia	Kúpna zmluva č.V-2654/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4765/2003 zo dňa 11.2.2004,-6/2004.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-1966/04 zo dňa 11.8.2004,-54/2004.
Titul nadobudnutia	Kúpna zmluva č.V-1309/2007 zo dňa 20.4.2007,-17/2007.
Titul nadobudnutia	Kúpna zmluva č.V-1311/2007, V-1312/2007 zo dňa 20.2.2007,-20/2007
Titul nadobudnutia	Kúpna zmluva č.V-3231/2004 zo dňa 28.10.2004,-86/2004
Titul nadobudnutia	Kúpna zmluva č.V-3420/2004 zo dňa 16.11.2004,-90/2004
Titul nadobudnutia	Kúpna zmluva č.V-2688/2007 zo dňa 6.7.2007.

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Titul nadobudnutia	Kúpna zmluva č.V 2721/2007 zo dňa 9.7.2007.
Titul nadobudnutia	Kúpna zmluva č. V-2726/2007,V-2727/2007 zo dňa 10.7.2007.
Titul nadobudnutia	Kúpna zmluva č. V-2723/2007, V-2724/2007 zo dňa 10.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2687/2007 zo dňa 11.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2728/2007 zo dňa 11.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2729/2007 zo dňa 11.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3040/2007,V-3041/2007,V-3042/2007 zo dňa 17.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3037/2007 zo dňa 20.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3036/2007,V-3038/2007 zo zmluvy zo dňa 20.7.2007.
Titul nadobudnutia	Kúpna zmluva č. V-3231/2007 zo dňa 31.07.2007.
Titul nadobudnutia	Kúpna zmluva č. V-3232/2007 zo dňa 31.07.2007.
Titul nadobudnutia	Kúpna zmluva č. V-3233/2007 zo dňa 31.07.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3238/2007 zo dňa 2.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3239/2007 zo dňa 2.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3237/07 zo dňa 2.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3983/2007 zo dňa 13.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3984/2007 zo dňa 13.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3985/2007 zo dňa 14.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3986/2007 zo dňa 13.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3987/2007 zo dňa 13.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3988/2007 zo dňa 13.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4002/2007 zo dňa 14.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4003/2007 zo dňa 14.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4041/2007 zo dňa 17.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4043/2007 zo dňa 17.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4762/2003 zo dňa 11.2.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2690/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2686/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4035/2007 zo dňa 19.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4037/2007 zo dňa 19.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2039/2004 zo dňa 28.7.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2687/2007 zo dňa 11.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4035/2007 zo dňa 19.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4038/2007 zo dňa 19.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-4036/2007 zo dňa 19.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5147/2007 zo dňa 23.11.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5148/2007 zo dňa 23.11.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2664/2007, č.V-2668/2007 zo dňa 4.7.2007, č.V-2655/2007 zo dňa 6.07.2007.
Titul nadobudnutia	Kúpna zmluva č.V 3468/2006 zo dňa 13.9.2006-vz 33/06. Kúpna zmluva č.V 3469/2006 zo dňa 13.9.2006-vz 33/06. Kúpna zmluva č.V 3471/2006 zo dňa 13.9.2006-vz 33/06. Kúpna zmluva č.V 2696/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3236/2007 zo dňa 2.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3991/2007 zo dňa 14.9.2007.
Titul nadobudnutia	Kúpna zmluva č. V-4040/2007 zo dňa 17.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2689/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2686/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpne zmluvy: č.V-4156/2007, č.V-4157/2007 zo dňa 10.12.2007.
Titul nadobudnutia	Kúpna zmluva č.LS 1/2009 zo dňa 17.3.2009.
Titul nadobudnutia	Kúpne zmluvy č.V-2692/2007 a č.V-2725/2007 zo dňa 10.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3396/2007 zo dňa 14.8.2007.
Titul nadobudnutia	Kúpna zmluva č.V-3990/2007 zo dňa 14.9.2007.
Titul nadobudnutia	Kúpna zmluva č. V-4039/2007 zo dňa 17.9.2007.
Titul nadobudnutia	Kúpna zmluva č.V-2039/2004 zo dňa 28.7.2004.
Titul nadobudnutia	Kúpna zmluva č.V-2690/2007 zo dňa 6.7.2007.
Titul nadobudnutia	Kúpna zmluva č.V-5146/2007 zo dňa 23.11.2007.
Titul nadobudnutia	Kúpna zmluva č. V-6486/2008 zo dňa 21.11.2008.

Tituly nadobudnutia LV:

Z-2640/94 zo dna 13.10.1994 - hlasenka zmien,rozhodnutie c.PLVH 1863/85.

1-Ziadost zn.5.10/30L.2-0806/95-Ku,rozhodnutie OU-Kalna n/Hr. o urc.sup.cisla budovy c.333/95 zo dna

31.5.1995,geom.plan c.31321704-060/95 zo dna 5.4.1995.-Z-2134/95.

1-Rozhodnutie c.V - 3471/94 zo dna 22.7.1996,vypis z obchodneho registra OS-Bratislava 1 vl.c.1287/B zo dna 11.6.1996.-Z-5516/96 zo dna 30.8.1996.

Ziadost o zapis do katastra c.Z-4115/95 zo dna 11.9.1995,geom.plan c.31321704-077/95-3,31321704-077/95-4,243-263-044-94,31321704-82/95,rozhodnutie o urceni sup.cisiel c.431/95,432/95.

ČASŤ C: ŤARCHY

Bez zápisu.

Iné údaje:

Bez zápisu.

Poznámka:

Bez zápisu.

VÝPIS Z KATASTRA NEHNUTEĽNOSTÍ

Okres: Levice

Vytvorené cez katastrálny portál

Obec: NOVÝ TEKOV

Dátum vyhotovenia 07.07.2009

Katastrálne územie: Nový Tekov

Čas vyhotovenia: 13:51:50

VÝPIS Z LISTU VLASTNÍCTVA č. 342

ČASŤ A: MAJETKOVÁ PODSTATA

PARCELY registra "C" evidované na katastrálnej mape

Parcelné číslo	Výmera v m2	Druh pozemku	Spôsob využ. p.	Umiest. pozemku	Právny vzťah	Druh ch.n.
1737/ 2	4398	Lesné pozemky	10200	2		
1737/ 4	1459	Ostatné plochy	14700	2		
1737/ 6	234	Ostatné plochy	14700	2		
1737/ 7	2019	Lesné pozemky	10200	2		
1737/ 10	146	Ostatné plochy	14700	2		
1737/ 11	799	Ostatné plochy	14700	2		
1737/ 12	857	Lesné pozemky	10200	2		
1737/ 13	111	Zastavané plochy a nádvorí	13321	2		
1737/ 15	107	Zastavané plochy a nádvorí	13321	2		
1751/ 1	31732	Ostatné plochy	14700	2		
1751/ 3	663	Ostatné plochy	14700	2		
1751/ 4	6101	Ostatné plochy	14700	2		
1751/ 5	143	Zastavané plochy a nádvorí	13603	2		
1751/ 6	1026	Zastavané plochy a nádvorí	13200	2		
1751/ 7	1084	Zastavané plochy a nádvorí	13200	2		
1751/ 8	1617	Zastavané plochy a nádvorí	13200	2		
1751/ 9	2033	Zastavané plochy a nádvorí	13104	2		
1751/ 10	1125	Zastavané plochy a nádvorí	13200	2		
1751/ 11	749	Zastavané plochy a nádvorí	13200	2		
1751/ 12	316	Zastavané plochy a nádvorí	13200	2		
1751/ 13	354	Zastavané plochy a nádvorí	13600	2		
1751/ 14	329	Zastavané plochy a nádvorí	13600	2		
1751/ 15	384	Zastavané plochy a nádvorí	13200	2		
1751/ 16	14710	Zastavané plochy a nádvorí	13200	2		
1751/ 17	249	Zastavané plochy a nádvorí	13200	2		
1751/ 18	297	Zastavané plochy a nádvorí	13200	2		
1751/ 19	3476	Zastavané plochy a nádvorí	13200	2		
1751/ 20	1761	Zastavané plochy a nádvorí	13200	2		
1751/ 21	546	Zastavané plochy a nádvorí	13200	2		
1751/ 22	2443	Zastavané plochy a nádvorí	13200	2		
1751/ 23	313	Zastavané plochy a nádvorí	13603	2		

PARCELY registra "C" evidované na katastrálnej mape

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Spôsob využ. p.</i>	<i>Umiest. pozemku</i>	<i>Právny vzťah</i>	<i>Druh ch.n.</i>
1751/ 24	2386	Zastavané plochy a nádvoria	13600		2	
1751/ 25	251	Zastavané plochy a nádvoria	13603		2	
1751/ 26	3683	Zastavané plochy a nádvoria	13600		2	
1751/ 27	114	Zastavané plochy a nádvoria	13603		2	
1751/ 28	3494	Zastavané plochy a nádvoria	13200		2	
1751/ 29	2586	Zastavané plochy a nádvoria	13200		2	
1751/ 30	419	Zastavané plochy a nádvoria	13200		2	
1751/ 31	419	Zastavané plochy a nádvoria	13200		2	
1751/ 32	418	Zastavané plochy a nádvoria	13200		2	
1751/ 33	420	Zastavané plochy a nádvoria	13200		2	
1751/ 34	5700	Zastavané plochy a nádvoria	13200		2	
1751/ 35	418	Zastavané plochy a nádvoria	13603		2	
1751/ 36	418	Zastavané plochy a nádvoria	13603		2	
1751/ 37	420	Zastavané plochy a nádvoria	13603		2	
1751/ 38	193	Zastavané plochy a nádvoria	13600		2	
1751/ 39	192	Zastavané plochy a nádvoria	13600		2	
1751/ 40	191	Zastavané plochy a nádvoria	13600		2	
1751/ 41	424	Zastavané plochy a nádvoria	13200		2	
1751/ 42	258	Zastavané plochy a nádvoria	13200		2	
1751/ 43	981	Zastavané plochy a nádvoria	13200		2	
1751/ 44	76	Zastavané plochy a nádvoria	13200		2	
1751/ 45	449	Zastavané plochy a nádvoria	13600		2	
1751/ 46	1316	Zastavané plochy a nádvoria	13600		2	
1751/ 47	7620	Zastavané plochy a nádvoria	13603		2	
1751/ 48	5416	Zastavané plochy a nádvoria	13603		2	
1751/ 49	3007	Zastavané plochy a nádvoria	13603		2	
1751/ 50	48771	Ostatné plochy	14700		2	
1751/ 51	1313	Ostatné plochy	14700		2	
1751/ 52	3905	Zastavané plochy a nádvoria	13321		2	
1751/ 53	7662	Ostatné plochy	14700		2	
1751/ 54	7248	Zastavané plochy a nádvoria	13321		2	
1751/ 55	13903	Ostatné plochy	14410		2	
1751/ 56	4285	Zastavané plochy a nádvoria	13321		2	
1751/ 57	544	Zastavané plochy a nádvoria	13603		2	
1751/ 58	89	Zastavané plochy a nádvoria	13603		2	
1751/ 59	335	Zastavané plochy a nádvoria	13200		2	
1751/ 60	508	Zastavané plochy a nádvoria	13603		2	

PARCELY registra "C" evidované na katastrálnej mape

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Spôsob využ. p.</i>	<i>Umiest. pozemku</i>	<i>Právny vzťah</i>	<i>Druh ch.n.</i>
1751/ 61	130	Zastavané plochy a nádvoria	13603		2	
1751/ 62	7499	Zastavané plochy a nádvoria	13321		2	
1751/ 63	16596	Zastavané plochy a nádvoria	13603		2	
1751/ 64	22	Zastavané plochy a nádvoria	13200		2	
1751/ 65	4875	Ostatné plochy	14410		2	
1751/ 67	7361	Ostatné plochy	14410		2	
1751/ 69	3400	Ostatné plochy	14700		2	
1751/ 70	785	Ostatné plochy	14700		2	
1751/ 71	274	Ostatné plochy	14700		2	
1751/ 72	167	Ostatné plochy	14700		2	
1751/ 74	39668	Ostatné plochy	14700		2	
1751/ 76	787	Zastavané plochy a nádvoria	13600		2	
1751/ 77	96	Zastavané plochy a nádvoria	13600		2	
1751/ 78	31390	Zastavané plochy a nádvoria	13603		2	
1751/ 79	291	Zastavané plochy a nádvoria	13200		2	
1751/ 80	3253	Ostatné plochy	14700		2	
1751/ 81	442	Ostatné plochy	14700		2	
1751/ 82	5314	Zastavané plochy a nádvoria	13603		2	
1751/ 84	59	Ostatné plochy	14700		2	
1751/ 85	115	Zastavané plochy a nádvoria	13200		2	
1751/ 86	333	Zastavané plochy a nádvoria	13200		2	
1751/ 87	6895	Ostatné plochy	14700		2	
1751/ 91	8037	Ostatné plochy	14700		2	
1751/ 92	1814	Zastavané plochy a nádvoria	13321		2	
1751/ 93	1804	Ostatné plochy	14410		2	
1751/ 94	5668	Ostatné plochy	14410		2	
1751/ 95	4545	Ostatné plochy	14410		2	
1751/ 96	1956	Zastavané plochy a nádvoria	13321		2	
1751/ 97	1584	Zastavané plochy a nádvoria	13321		2	
1751/ 98	3729	Zastavané plochy a nádvoria	13321		2	
1751/ 99	13404	Ostatné plochy	14410		2	
1751/100	7474	Ostatné plochy	14410		2	
1751/101	11796	Zastavané plochy a nádvoria	13603		2	
1751/102	984	Zastavané plochy a nádvoria	13321		2	
1751/103	304	Ostatné plochy	14410		2	
1751/104	1836	Zastavané plochy a nádvoria	13321		2	
1751/105	9863	Zastavané plochy a nádvoria	13321		2	
1751/106	711	Zastavané plochy a nádvoria	13321		2	
1751/107	12718	Zastavané plochy a nádvoria	13603		2	
1751/108	817	Zastavané plochy a nádvoria	13603		2	
1751/109	286	Zastavané plochy a nádvoria	13321		2	
1751/110	3346	Ostatné plochy	14700		2	
1751/111	1704	Ostatné plochy	14700		2	
1751/112	769	Zastavané plochy a nádvoria	13321		2	

PARCELY registra "C" evidované na katastrálnej mape

Parcelné číslo	Výmera v m2	Druh pozemku	Spôsob využ. p.	Umiest. pozemku	Právny vzťah	Druh ch.n.
1751/113	3268	Ostatné plochy	14700	2		

Legenda:

Spôsob využívania pozemku:

10200 - Pozemky porastené lesnými drevinami, ktoré slúžia na plnenie funkcií lesov. Pozemky, na ktorých boli lesné porasty dočasne odstránené s cieľom ich obnoviť alebo zriadiť lesnú škôlku

13200 - Pozemky, na ktorých sú postavené nebytové budovy označené súpisným číslom

13600 - Pozemky, na ktorých sú postavené budovy bez označenia súpisným číslom

14410 - Pozemky, ktoré slúžia ako okrasná záhrada, uličná a sídlisková zeleň, verejná alebo funkčná zeleň (sady, parky a iné)

14700 - Iné pozemky (odkalisko, skládka odpadu, svahy, rokliny, výmole, vysoké medze s krovím alebo kamením, ochranné hrádze, bermy, slatiny a iné plochy, ktoré neposkytujú trvalý úžitok ? krovie, skaly, štrk, kamenie a iné)

13321 - Pozemky, na ktorých sú postavené inžinierske stavby - cestné, miestne a účelové komunikácie a ich súčasť okrem diaľnic a rýchlostných ciest (cesty a miestne komunikácie, mosty, nadjazdy, tunely, podzemné dráhy, chodníky, nekryté parkoviská a iné)

13104 - Pozemky, na ktorých je dvor

13603 - Pozemky, na ktorých sú postavené ostatné inžinierske stavby

Umiestnenie pozemku:

2 - Pozemok je umiestnený mimo zastavaného územia obce

PARCELY registra "E" evidované na mape určeného operátu

Parcelné číslo	Výmera v m2	Druh pozemku	Nesúlad DP	Pôvodné k.ú.	Počet č. UO	Umiest pozemku
1657/ 19	150	Orná pôda		0		2
1657/ 20	1596	Orná pôda		0		2
1657/ 21	678	Orná pôda		0		2
1657/ 22	537	Orná pôda		0		2
1657/ 23	821	Orná pôda		0		2
1657/ 24	381	Orná pôda		0		2
1660/ 5	47	Ostatné plochy		0		2
1660/ 6	561	Ostatné plochy		0		2
1662/ 28	1241	Orná pôda		0		2
1662/ 29	409	Orná pôda		0		2
1662/ 30	689	Orná pôda		0		2
1662/ 32	1119	Orná pôda		0		2
1662/ 33	446	Orná pôda		0		2
1662/ 34	353	Orná pôda		0		2
1662/ 35	1571	Orná pôda		0		2
1662/ 36	336	Orná pôda		0		2
1662/ 37	361	Orná pôda		0		2
1662/ 38	363	Orná pôda		0		2
1662/ 39	367	Orná pôda		0		2
1662/ 40	456	Orná pôda		0		2
1662/ 41	24	Zastavané plochy a nádvoría		0		2
1662/ 42	1139	Orná pôda		0		2
1662/ 43	1213	Orná pôda		0		2
1662/ 44	1233	Orná pôda		0		2
1662/ 45	37	Orná pôda		0		2
1662/ 46	3384	Orná pôda		0		2
1662/ 47	2237	Orná pôda		0		2
1712/ 66	647	Orná pôda		0		2
1712/ 67	271	Orná pôda		0		2
1712/ 68	42	Orná pôda		0		2
1712/ 69	9722	Ostatné plochy		0		2
1712/ 70	374	Orná pôda		0		2
1712/ 71	327	Orná pôda		0		2
1712/ 72	330	Orná pôda		0		2
1712/ 73	344	Orná pôda		0		2
1712/ 75	376	Orná pôda		0		2
1712/ 76	467	Orná pôda		0		2
1712/ 77	352	Orná pôda		0		2
1712/ 78	215	Orná pôda		0		2
1712/ 79	375	Orná pôda		0		2
1712/ 80	268	Orná pôda		0		2

PARCELY registra "E" evidované na mape určeného operátu

<i>Parcelné číslo</i>	<i>Výmera v m2</i>	<i>Druh pozemku</i>	<i>Nesúlad DP</i>	<i>Pôvodné k.ú.</i>	<i>Počet č. UO</i>	<i>Umiest pozemku</i>
1712/ 81	583	Orná pôda			0	2
1712/ 82	260	Orná pôda			0	2
1712/ 83	412	Orná pôda			0	2
1712/ 84	384	Orná pôda			0	2
1712/ 85	308	Orná pôda			0	2
1712/ 86	403	Orná pôda			0	2
1712/ 87	301	Orná pôda			0	2
1712/ 88	469	Orná pôda			0	2
1712/ 89	448	Orná pôda			0	2
1712/ 90	409	Orná pôda			0	2
1712/ 91	3707	Orná pôda			0	2
1712/ 92	490	Orná pôda			0	2
1712/ 93	477	Orná pôda			0	2
1712/ 95	398	Orná pôda			0	2
1712/ 96	362	Orná pôda			0	2
1712/ 97	363	Orná pôda			0	2
1712/ 98	339	Orná pôda			0	2
1712/ 99	345	Orná pôda			0	2
1712/100	389	Orná pôda			0	2
1712/101	440	Orná pôda			0	2
1712/102	428	Orná pôda			0	2
1712/103	424	Orná pôda			0	2
1712/104	331	Orná pôda			0	2
1712/105	328	Orná pôda			0	2
1712/106	341	Orná pôda			0	2
1712/107	220	Orná pôda			0	2
1712/108	438	Orná pôda			0	2
1712/109	328	Orná pôda			0	2
1712/110	394	Orná pôda			0	2
1712/111	34	Orná pôda			0	2
1712/112	222	Orná pôda			0	2
1712/113	16595	Orná pôda			0	2
1712/114	482	Orná pôda			0	2
1713/ 3	29	Ostatné plochy			0	2
1713/ 4	116	Ostatné plochy			0	2
1729/ 3	992	Zastavané plochy a nádvoría			0	2
1731/ 3	350	Ostatné plochy			0	2

Legenda:

Umiestnenie pozemku:

2 - Pozemok je umiestnený mimo zastavaného územia obce

Stavby

<i>Súpisné číslo</i>	<i>na parcele číslo</i>	<i>Druh stavby</i>	<i>Popis stavby</i>	<i>Druh ch.n.</i>	<i>Umiest. stavby</i>
19	1751/ 18	100	SO 442/1-01DIESELGEN		1
389	1751/ 59		367/1 COV NA SPL.KAN		1
390	1751/ 41		599/1 KAL.HOSP.CHUV		1
391	1751/ 12		642/1 SKL.TECH.PLYNU		1
392	1751/ 8		656/1 BUD.POZIAR.ST.		1
393	1751/ 86	100	SO 646/1-01 VONK.SK.		1
394	1751/ 16		640/1 DIELNE A SKLAD		1
395	1751/ 20		441/1 POMOCNA KOTOL.		1
396	1751/ 28		590/1 CHUV,366/1 TF		1
397	1751/ 29		592/1 SKL.A ST.CHEM.		1
398	1751/ 44		393/1 REGUL.ST.PLYNU		1
400	1751/ 64	100	SO 368/1-01 MER.ODP.		1
401	1751/ 30	100	SO 593/1-01 DEKARBO.		1
401	1751/ 31	100	SO 593/1-01 DEKARBO.		1
401	1751/ 32	100	SO 593/1-01 DEKARBO.		1
401	1751/ 33	100	SO 593/1-01 DEKARBO.		1
401	1751/ 34	100	SO 593/1-01 DEKARBO.		1
402	1751/ 11	100	SO 643/1-02 SKLAD V.		1

Stavby

Súpisné číslo	na parcele číslo	Druh stavby	Popis stavby	Druh ch.n.	Umiest. stavby
403	1751/ 22	100	SO 882/1-01 KOMP.ST.		1
404	1751/ 17	100	SO 442/1-05 OLEJ.HO.		1
405	1751/ 15	100	SO 566/1-01 STAČ.NA.		1
406	1751/ 10	100	SO 568/1-01 NAFT.HO.		1
407	1751/ 19	100	SO 801/1-01 BUD.POM.		1
408	1751/ 7	100	SO 701/1-01 GAR.I		1
409	1751/ 6	100	SO 701/1-02 GAR.II		1
410	1751/ 21	100	SO 641/1-01 SKLAD		1
411	1751/ 42	100	SO 940/1-02 STRAŽ.-2		1
411	1751/ 79	100	SO 940/1-02 STRAŽ.-2		1
412	1751/ 43	100	SO 700/1-01 REM.LOK.		1
412	1751/ 85	100	SO 646/1-01 VONK.SK.		1

Legenda:

Druh stavby:

100 - Priemyselná budova a sklad, nádrž a silo

Kód umiestnenia stavby:

1 - Stavby postavané na zemskom povrchu

ČASŤ B: VLASTNÍCI A INÉ OPRÁVNENÉ OSOBY

Por. číslo **Priezvisko, meno (názov), rodné priezvisko, dátum narodenia, rodné číslo (IČO) a Spoluvlastnícky podiel miesta trvalého pobytu (sídlo) vlastníka**

Účastník právneho vzťahu:

Vlastník

1 Slovenské elektrárne, a.s., Hraničná 12, Bratislava, PSČ 827 36, SR

1 / 1

Dátum narodenia :

Titul nadobudnutia	Návrh č.8.3/5014/51/99-364 zo dňa 22.9.1999, č.Z-4519/99 zo dňa 24.9.1999. Listina o určení súpisného čísla č.310/99, č.311/99, č.313/99 -318/99, č.320/99 -323/99 zo dňa 17.9.1999, č.327/99 zo dňa 20.9.1999, č.360/99, č.361/99 zo dňa 11.10.1999. Listina o zrušení súpisného čísla č.319/99 zo dňa 17.9.1999. Geometrický plán č.27/99 zo dňa 15.6.1999.
Titul nadobudnutia	Kúpne zmluvy č.LS - 43/2008 a č.LS - 45/2008 zo dňa 17.12.2008.
Titul nadobudnutia	Kúpna zmluva č. V 2523/97-6 zo dňa 20.2.1999.
Titul nadobudnutia	Kúpna zmluva č. V 1952/98-12 zo dňa 13.10.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2520/97-10 zo dňa 11.3.1999.
Titul nadobudnutia	Kúpna zmluva č. V 2793/97-6 zo dňa 23.3.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2794/97-6 zo dňa 23.3.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2521/97-6 zo dňa 20.2.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2522/97-6 zo dňa 20.2.1998.
Titul nadobudnutia	Kúpna zmluva č. V 745/98-6 zo dňa 27.8.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2809/97-6 zo dňa 23.3.1998.
Titul nadobudnutia	Kúpna zmluva č. V 2865/2000 zo dňa 10.1.2001.
Titul nadobudnutia	Kúpna zmluva č. V 2872/2000 zo dňa 11.1.2001.
Titul nadobudnutia	Kúpna zmluva č. V 2875/2000 zo dňa 11.1.2001.
Titul nadobudnutia	Kúpna zmluva č. V 2876/2000 zo dňa 11.1.2001.
Titul nadobudnutia	Kúpna zmluva č.V 183/2001 zo dňa 5.3.2001-vz 36/01, č.V 1317/2001 zo dňa 20.7.2001-vz 83/01, č.V 2796/2001 zo dňa 18.12.2001.
Titul nadobudnutia	Žiadosť,č.Z-1631/2002 zo dňa 9.4.2002.
Titul nadobudnutia	Ziadosť o zapis c.Z-2432/98 zo dna 29.5.1998,geom.plan c. 33115087-16/98.
Titul nadobudnutia	Žiadosť č.8.3/5014/S1/99-363 zo dňa 22.9.1999, listina o určení súp.č.468-99 zo dňa 20.9.1999, č. Z-4520/99 zo dňa 24.9.1999.
Titul nadobudnutia	Kúpna zmluva č. V 3184/97-6 zo dňa 29.5.1998, GP č.33115087-30/97.
Titul nadobudnutia	Kúpna zmluva č. V 2792/97-6 zo dňa 23.3.1998.
Titul nadobudnutia	Kúpna zmluva č. V 599/98-6 zo dňa 15.7.1998.
Titul nadobudnutia	Kúpna zmluva č. V 470/99-6 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č. V 1793/99-10 zo dňa 19.10.1999.
Titul nadobudnutia	Kúpna zmluva č. V 1795/99-8 zo dňa 24.5.1999, kúpna zmluva č. V 471/99-6 zo dňa 18.5.1999, č. V 1788/99-6 zo dňa 19.10.1999-vz 40/2000.
Titul nadobudnutia	Kúpna zmluva č.LS - 6/2004 zo dňa 21.5.2004.
Titul nadobudnutia	Kúpna zmluva č. 4K-8442/02, V-2110/2002 zo dňa 10.6.2002.
Titul nadobudnutia	Kúpna zmluva č. V-3184/2004 zo dňa 25.10.2004.
Titul nadobudnutia	Kúpna zmluva č. LS-11/2005 zo dňa 7.9.2005.
Titul nadobudnutia	Kúpna zmluva č. V 600/98-6 zo dňa 15.7.1998.

Por. číslo Priezvisko, meno (názov), rodné priezvisko, dátum narodenia, rodné číslo (IČO) a Spoluvlastnícky podiel miesto trvalého pobytu (sídlo) vlastníka

Dátum narodenia :

Titul nadobudnutia	Kúpna zmluva č. V 469/99-10 zo dňa 18.5.1999.
Titul nadobudnutia	Kúpna zmluva č. V 4263/98-8 zo dňa 7.4.1999.
Titul nadobudnutia	Kúpna zmluva č. V-2230/98-6 zo dňa 26.1.1999 , kúpna zmluva č. V-2231/98-8 zo dňa 26.1.1999.
Titul nadobudnutia	Kúpna zmluva č. V 2866/2000 zo dňa 12.1.2001.
Titul nadobudnutia	Kúpna zmluva č. V 2797/2001 zo dňa 19.11.2001. Kúpna zmluva č. V 2798/2001 zo dňa 19.11.2001.
Titul nadobudnutia	Kolaudačné rozhodnutie č.U-2001/01118, č.U-2001/01117, č.U-2001/01116, č.U-2001/01120 zo dňa 17.12.2001, č.Z-1323/2002 zo dňa 18.3.2002. Geometrický plán č.39/2000 zo dňa 15.1.2001. Geometrický plán č.40/2000 zo dňa 15.1.2001. Geometrický plán č.50/2000 zo dňa 18.1.2001. Geometrický plán č.37/2001 zo dňa 8.10.2001. Geometrický plán č.49/2001 zo dňa 8.10.2001.
Titul nadobudnutia	Kúpna zmluva č.2002/5012/854, V-2554/2002 zo dňa 7.8.2002. Kúpna zmluva č.2002/5012/853, V-2560/2002 zo dňa 7.8.2002.
Titul nadobudnutia	Kúpna zmluva č.2002/5012/856, č. V-2555/2002 zo dňa 7.8.2002. Kúpna zmluva č.2002/5012/857, č. V-3002/2002 zo dňa 9.8.2002.
Titul nadobudnutia	Kúpna zmluva č.2002/5012/851, č.V-2557/2002 zo dňa 7.8.2002. Kúpna zmluva č.2002/5012/852, č.V-2559/2002 zo dňa 7.8.2002.
Titul nadobudnutia	Zmluva o prevode vlastníctva č.V-5136/2002 zo dňa 15.1.2003,geom.plán č.335087-30/97 zo dňa 2.9.1997. Kúpna zmluva č.V-809/99-10.-v.z.35/2000 Kúpna zmluva č.V-2873/2000.-v.z.14/2001 Kúpna zmluva č.V-176/2001.-v.z.33/200 Kúpna zmluva č.V-177/2001.-v.z.34/2001 Kúpna zmluva č.V-2862/2000.-v.z.7/2001 Kúpna zmluva č.V-2871/2000.-v.z.12/2001 Kúpna zmluva č.V-2878/2000.-v.z.19/2001 Kúpna zmluva č.V-2885/2000.-v.z.21/2001 Kúpna zmluva č.V-2776/99.-v.z.56/2000, kúpna zmluva č.V-2871/2000.-v.z.12/2001, kúpna zmluva č.V-2877/2000.-v.z.18/2001, kúpna zmluva č.V-2878/2000.-v.z.19/2001, kúpna zmluva č.2879/2000.-v.z.20/2001, kúpna zmluva č.V-2885/2000.-v.z.21/2001, kúpna zmluva č.V-179/2001.-v.z.35/2001. Kúpna zmluva č.V-2874/2000.-v.z.15/2001.
Titul nadobudnutia	Kúpna zmluva č.V-1781/2003 zo dňa 27.6.2003.
Titul nadobudnutia	Kúpna zmluva č. V-4365/2003, 4372/2003 zo dňa 23.2.2004.
Titul nadobudnutia	Kúpne zmluvy č. V-806/99, V-5136/2002, V-4779/2003 zo dňa 27.2.2004.
Titul nadobudnutia	Kúpna zmluva č. V 3520/98-12 zo dňa 19.2.1999, GP č. 33115087-30/97.
Titul nadobudnutia	Kúpna zmluva č. V 1385/98-6 zo dňa 5.11.1998.
Titul nadobudnutia	Kúpna zmluva č. V 3519/98-10 zo dňa 19.2.1999 a č. V 1790/99- 10 zo dňa 19.10.1999.
Titul nadobudnutia	Kúpna zmluva č. V 472/99-6 zo dňa 18.5.1999, č. V 810/99-6 zo dňa 29.6.1999, č. V 811/99-6 zo dňa 29.6.1999.
Titul nadobudnutia	Kúpna zmluva č. V 494/99-6 zo dňa 24.5.1999, č. V 495/99-6 zo dňa 24.5.1999, č. V 496/99-6 zo dňa 24.5.1999, č. V 497/99-6 zo dňa 24.5.1999, č. V 807/99-6 zo dňa 29.6.1999, č. V 808/99-6 zo dňa 29.6.1999.
Titul nadobudnutia	Kúpna zmluva č. V 1792/99-6 zo dňa 19.10.1999.
Titul nadobudnutia	Kúpna zmluva č. V 3238/99-10 zo dňa 9.2.2000.
Titul nadobudnutia	Kúpna zmluva č. V 2774/99-12 zo dňa 17.2.2000-vz 55/2000.
Titul nadobudnutia	Kúpna zmluva č. V 4269/98-10 zo dňa 7.4.1999-vz 28/2000., Kúpna zmluva č. V 1791/99-8 zo dňa 19.10.1999-vz 37/2000., Kúpna zmluva č. V 2775/99-8 zo dňa 17.2.2000.
Titul nadobudnutia	Kúpna zmluva č. V 1789/99-6-vz 36/2000., Kúpna zmluva č. V 2868/2000-vz 9/2001., Kúpna zmluva č. V 2886/2000-vz 22/2001., Kúpna zmluva č. V 2866/2000 zo dňa 12.1.2001.
Titul nadobudnutia	Kúpna zmluva č. V 2805/2001 zo dňa 19.11.2001. Kúpna zmluva č. V 2806/2001 zo dňa 19.11.2001.
Titul nadobudnutia	Kúpna zmluva č. V-4366/2003.-26/04 Kúpna zmluva č. LS- 72/2004, LS-77/2004 zo dňa 23.11.2004.
Titul nadobudnutia	Kúpna zmluva č. V 2795/97-6 zo dňa 23.3.1998.

Tituly nadobudnutia LV:

Ziadost Z-2332/94 zo dna 9.9.94, vypis z obchod. registra

1-Rozhodnutie c.V - 3471/94 zo dna 22.7.1996,vypis z obchodneho registra OS-Bratislava 1 vl.c.1287/B zo dna 11.6.1996.-Z-5516/96 zo dna 30.8.1996.

1-Ziadost o zapis do LV zn.5.10/301.2/2208/95-Ku/Mt,rozhod.OU-Novy Tekov o urc.sup.cisla stavby c.285/95 zo dna 24.7.1995,geom.plan c.31321704-077/95-1 zo dna 10.7.1995,geom.plan c.31321704-077/95-2 zo dna 10.7.1995.-Z-4114/95.

1-Ziadost zn.5.10/301-2-0706/95-Ku,rozhodnutie OU-N.Tekov c.214/95 zo dna 31.5.1995,geom.plan c.243-252-005-93 zo dna 17.3.1993.-Z-2133/95.

ČASŤ C: ŤARCHY

Bez zápisu.

Iné údaje:

Bez zápisu.

Poznámka:

Bez zápisu.



July 2009

Maps

ANNEX 2



A world of
capabilities
delivered locally



LEGEND

OBJEKTY 2. STAVBY - CIVIL STRUCTURES OF 2.SITE

SPOLUČNÉ OBJEKTY 2.A.3. STAVBY
COMMON CIVIL STRUCTURES OF 2. AND 3.SITE

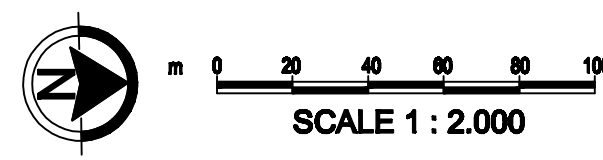
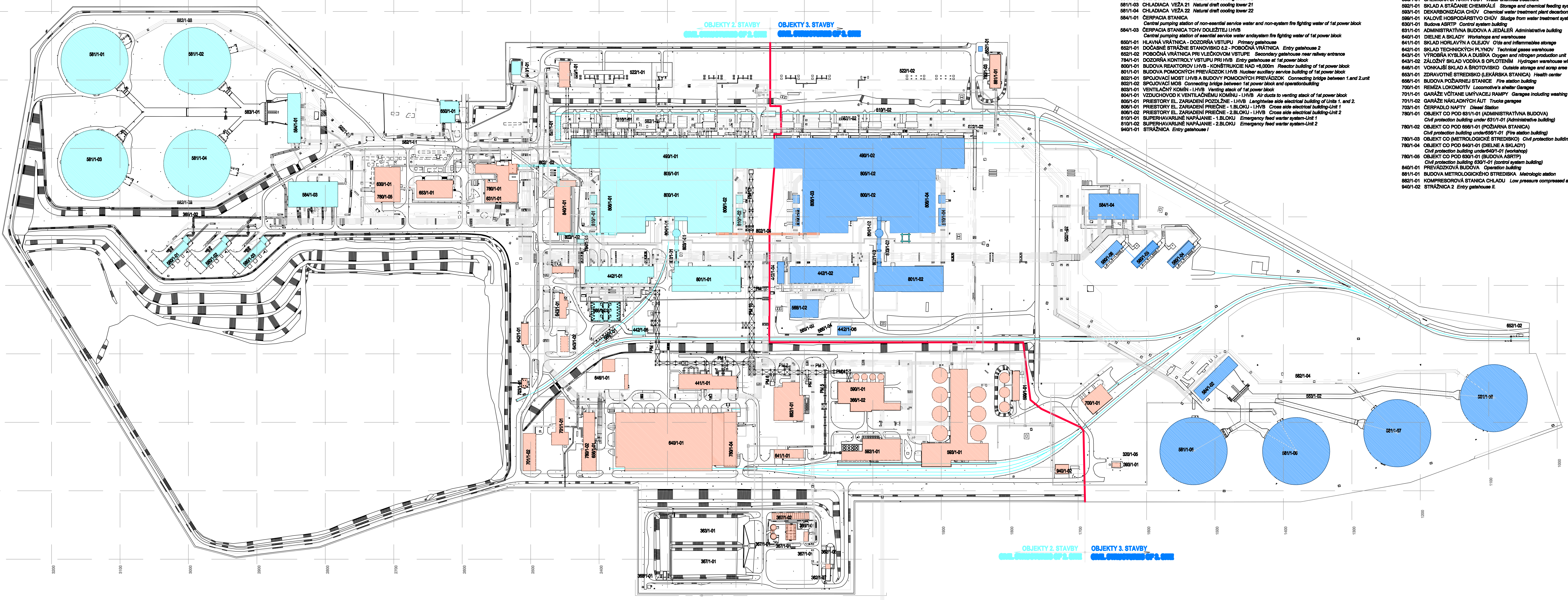
OBJEKTY 3. STAVBY
CIVIL STRUCTURES OF 3.SITE

- 442/1-01 DIESELGENERÁTOROVÁ STANICA 6.1 LHVB Diesel generator station of 1st power block
- 442/1-03 VYSOKOTLAKÁ KOMPRESOROVÁ STANICA 6.1 LHVB High pressure compressor station of 1st power block
- 442/1-05 BUDOVA OLEJOVÉHO HOSPODÁRSTVA DGS LHVB DGS (diesel generator station) lube oil system of 1st power block
- 480/1-01 STROJOVŇA LHVB Turbine hall of 1st power block
- 510/1-01 ZÁKLADY TRANSFORMÁTOROV O OLEJOVÝMI NÁDRŽAMI LHVB Transformers with oil tanks foundations of 1st power block
- 522/1-01 VONKÁŠIA ROZVOĎNÁ 110 A 400 KV LHVB 110 and 400 kV external substation of 1st power block
- 568/1-01 STÁČANIE NAFTY A OLEJA PRED DGS LHVB Diesel oil and oil discharging/tapping station of 1st power block
- 568/1-02 NAFTOVÉ HOSPODÁRSTVO LHVB Diesel oil system of 1st power block
- 580/1-01 CHLADIACA VENTILÁČNÁ VEŽA - 1.BLOK, 1.DIVÍZIA Forced draft cooling tower I/1
- 580/1-02 CHLADIACA VENTILÁČNÁ VEŽA - 1.BLOK, 2.DIVÍZIA Forced draft cooling tower I/2
- 580/1-03 CHLADIACA VENTILÁČNÁ VEŽA - 1.BLOK, 3.DIVÍZIA Forced draft cooling tower I/3
- 581/1-01 CHLADIACA VEŽA 11 Natural draft cooling tower 11
- 581/1-02 CHLADIACA VEŽA 12 Natural draft cooling tower 12
- 581/1-03 CHLADIACA VEŽA 21 Natural draft cooling tower 21
- 581/1-04 CHLADIACA VEŽA 22 Natural draft cooling tower 22
- 584/1-01 CERPAČIA STANICA Central pumping station of non-essential service water and non-system fire fighting water of 1st power block
- 584/1-03 CERPAČIA STANICA TCHV DOLEŽITEJ LHVB Central pumping station of essential service water and system fire fighting water of 1st power block
- 650/1-01 HLAVNÁ VRÁTNICA - DOZORŇA VSTUPU Primary gatehouse
- 652/1-01 DOČASNÉ STRÁŽNÉ STANOVISKO 02 - POBOČNÁ VRÁTNICA Entry gatehouse 2
- 652/1-02 POBOČNÁ VRÁTNICA PRI VLEČKOVOM VSTUPE Secondary gatehouse near railway entrance
- 784/1-01 DOZORŇA KONTROLY VSTUPU PRI HVB Entry gatehouse at 1st power block
- 800/1-01 BUDOVA REAKTOROV LHVB - KONŠTRUKČIE NAD +6,000m Reactor building of 1st power block
- 801/1-01 BUDOVA POMOČNYCH PREVÁDZOK LHVB Nuclear auxiliary service building of 1st power block
- 802/1-01 SPOJOVACÍ MOST LHVB A BUDOVI POMOČNYCH PREVÁDZOK Connecting bridge between 1 and 2 Unit
- 802/1-02 SPOJOVACÍ MOST Connecting bridge between 1st power block and operationbuilding
- 803/1-01 VENTILÁČNY KOMÍN - LHVB Venting stack of 1st power block
- 804/1-01 VZDUCHOVOD K VENTILÁČNEMU KOMÍNU - LHVB Air ducts to venting stack of 1st power block
- 806/1-01 PRIESTORY EL. ZARIADENÍ POZDĽŽNE - LHVB Longhwise side electrical building of Units 1, and 2
- 806/1-02 PRIESTORY EL. ZARIADENÍ PŘEČNE - 1.BLOK - LHVB Cross side electrical building - Unit 1
- 806/1-03 PRIESTORY EL. ZARIADENÍ PŘEČNE - 2.BLOK - LHVB Cross side electrical building - Unit 2
- 810/1-01 SUPERHAVARIJNÉ NAPÁJANIE - 1.BLOK Emergency feed water system - Unit 1
- 810/1-02 SUPERHAVARIJNÉ NAPÁJANIE - 2.BLOK Emergency feed water system - Unit 2
- 940/1-01 STRÁŽNICA Entry gatehouse I

- 320/1-01 OPLIETENIE I. ČASŤ Fencing part I
- 362/1-06 AKUMULAČNÁ NÁDRŽ PŘIEMYSLENEJ KANALIZÁCIE Industrial pipes leak tank
- 362/1-07 ODLIČOVAC OLEJA NA PŘIEMYSLENEJ KANALIZÁCII Industrial pipes oil separator
- 363/1-01 POBITE NÁDRŽE DAŽDOVEJ KANALIZÁCIE Rain water pipes tank
- 368/1-01 PŘEPRÁVAČIA STANICA SPLAŠKOVÝCH VOD Sewage pumping station
- 368/1-02 TLAKOVÁ FILTRÁCIA A CERPAČIA STANICA PŘIEMYSLENEJ VODY Oil (contaminated water) pressur filtration
- 367/1-01 ČISTIACA STANICA ODPADŇOVÝCH VOD A SPLAŠKOVEJ KANALIZÁCIE Sewage treatment
- 367/1-02 KALOVÉ POLIA V ČOVY SPLAŠKOVEJ KANALIZÁCIE Sewage decantation field
- 368/1-01 ZDRILZENÝ OBJEKT MIERANIA ODPADŇOVÝCH VOD Final measuring station
- 363/1-01 REGULÁČNÁ STANICA PLYNJU Civil works for pipes
- 510/1-03 Transformačný priestor
- 528/1-01 ÚSTREMA ELEKTRICKEJ DOZORŇA Electrical main control room
- 568/1-01 SKLAD A STÁČANIE CHEMIKÁLII Storage and chemical feeding system
- 568/1-01 DEKARBONIZÁCIA CHŮV Chemical water treatment plant decarbonization
- 568/1-01 KALOVÉ HOSPODÁRSTVO CHŮV Sludge from water treatment system
- 630/1-01 BudoVA ASRTTP Control system building
- 631/01 ADMINISTRATÍVNA BUDOVA A JEDLEŇ Administrative building
- 640/1-01 DIEĽNE A SKLADY Workshops and warehouses
- 641/1-01 SKLAD HORLAVÝN A OLEJOV Oils and inflammables storage
- 642/1-01 SKLAD TECHNICKÝCH PLYNJOV Technical gases warehouse
- 643/1-01 VÝROBNÁ KYSLÍKA A DUSÍKA Oxygen and nitrogen production unit
- 643/1-02 ZLOŽNÝ SKLAD VODÍKA S OPLIETENÍM Hydrogen warehouse with fence
- 648/1-01 VONKÁŠI SKLAD A SROTVISKO Outside storage and scrap area
- 653/1-01 ZDRAVOTNÉ STREDISKO (LEKÁRSKA STANICA) Health center
- 658/1-01 BUDOVA POZARNEJ STANICE Fire station building
- 700/1-01 REMÍZA LOKOMOTÍV Locomotive's shelter Garages
- 701/1-01 GARÁŽE VŇTANIE UMÝVACEJ RAMPY Garages including washing station
- 701/1-02 GARÁŽE NÁKLADNÝCH ÁUT Trucks garages
- 703/1-01 CERPADLO NAFTY Diesel Station
- 780/1-01 OBJEKT CO POD 651/1-01 (ADMINISTRATÍVNA BUDOVA) Civil protection building under 651/1-01 (Administrative building)
- 780/1-02 OBJEKT CO POD 658/1-01 (POZARNA STANICA) Civil protection building under 658/1-01 (Fire station building)
- 780/1-03 OBJEKT CO (METEOROLOGICKÉ STREDISKO) Civil protection building (meteorological station)
- 780/1-04 OBJEKT CO POD 640/1-01 (DIEĽNE A SKLADY) Civil protection building under 640/1-01 (workshop)
- 780/1-05 OBJEKT CO POD 630/1-01 (BUDOVA ASRTTP) Civil protection building 630/1-01 (control system building)
- 840/1-01 PREVÁDZKOVÁ BUDOVA Operation building
- 861/1-01 BUDOVA METEOROLOGICKÉHO STREDISKA Meteorological station
- 862/1-01 KOMPRESOROVÁ STANICA CHLADU Low pressure compressed air station
- 940/1-02 STRÁŽNICA 2 Entry gatehouse II

- 442/1-02 DIESELGENERÁTOROVÁ STANICA LHVB Diesel generator station of 2nd power block
- 442/1-04 VYSOKOTLAKÁ KOMPRESOROVÁ STANICA LHVB High pressure compressor station of 2nd power block
- 442/1-06 BUDOVA OLEJOVÉHO HOSPODÁRSTVA DGS LHVB DGS (diesel generator station) lube oil system of 2nd power block
- 480/1-02 STROJOVŇA LHVB Turbine hall of 2nd power block
- 510/1-02 ZÁKLADY TRANSFORMÁTOROV LHVB Transformers with oil tanks foundations of 2nd power block
- 522/1-02 VONKÁŠIA ROZVOĎNÁ 110 A 400 KV V ROZSAHU II LHVB 110 and 400 kV external substation - of 2nd power block
- 568/1-02 STÁČANIE NAFTY A OLEJA Diesel oil and oil discharging/tapping station of 2nd power block
- 568/1-04 STÁČANIE OLEJA PRED DGS II Diesel oil discharging/tapping station of 2nd power block
- 580/1-02 NAFTOVÉ HOSPODÁRSTVO LHVB Diesel oil system of 2nd power block
- 580/1-04 VENTILÁTOROVÁ CHLADIACA VEŽA I/1 Forced draft cooling tower I/1
- 580/1-05 VENTILÁTOROVÁ CHLADIACA VEŽA I/2 Forced draft cooling tower I/2
- 580/1-06 VENTILÁTOROVÁ CHLADIACA VEŽA I/3 Forced draft cooling tower I/3
- 581/1-05 CHLADIACA VEŽA 31 - INTERSONIC Natural draft cooling tower 31
- 581/1-06 CHLADIACA VEŽA 32 - INTERSONIC Natural draft cooling tower 32
- 581/1-07 CHLADIACA VEŽA 41 - INTERSONIC Natural draft cooling tower 41
- 581/1-08 CHLADIACA VEŽA 42 - INTERSONIC Natural draft cooling tower 42
- 584/1-02 CENTRÁLNA ČASŤ ČS TCHV NEDŇOLEŽITEJ A NEBYSYÉMOVJEJ POŽ. VODY Central pumping station of non-essential service water and non-system fire fighting water of 2nd power block
- 584/1-04 ČS TCHV DOLEŽITEJ SPOTREBČOV A SYSTÉMOVJEJ POZARNEJ VODY Central pumping station of essential service water and system fire fighting water of 2nd power block
- 800/1-02 BUDOVA REAKTOROV LHVB Reactor building of 2nd power block
- 801/1-02 BUDOVA POMOČNYCH PREVÁDZOK LHVB Nuclear auxiliary service building of 2nd power block
- 802/1-03 SPOJOVACÍ MOST MEDZI LHVB A BAPP Bridge between 2nd power block and nuclear auxiliary service building
- 802/1-04 SPOJOVACÍ MOST MEDZI LHVB A II HVB Bridge between I. and II. HVB
- 803/1-02 VENTILÁČNY KOMÍN II HVB Venting stack of 2nd power block
- 804/1-02 VZDUCHOVOD K VENTILÁČNEMU KOMÍNU II HVB Air ducts to venting stack of 2nd power block
- 806/1-02 PRIESTORY EL. ZARIADENÍ POZDĽŽNE - II HVB Longhwise side electrical building of Units 3 and 4
- 806/1-03 PRIESTORY EL. ZARIADENÍ PŘEČNE - 3.BLOK Cross side electrical building - Unit 3
- 806/1-04 PRIESTORY EL. ZARIADENÍ PŘEČNE - 4.BLOK Cross side electrical building - Unit 4
- 810/1-03 SUPERHAVARIJNÉ NAPÁJANIE - 3.BLOK Emergency feed water system - Unit 3
- 810/1-04 SUPERHAVARIJNÉ NAPÁJANIE - 4.BLOK Emergency feed water system - Unit 4

HRANICA 2. A 3. STAVBY
BOUNDARY BETWEEN 2. AND 3. SITE



DESIGN FRAMEWORK
Site layout of NPP MOCHOVCE

A world of capabilities locally

Date: July 2009
Rev.: 0
Scale: 1:2,000

SLOVENSKÉ ELEKTRARNE
Enel
Golder Associates

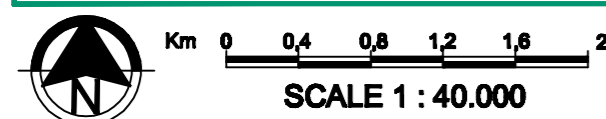
Map 1

Study of Environmental Impact Assessment for Mochovce NPP
Units 3&4 - Rel. 08508370478/RT84



LEGEND

- Mochovce NPP**
- Reinforced watercourse
- Aboveground pipeline
- Melioration canal
- Sewerage system culvert, waste
- Flow direction
- Kilometrage of the watercourse deducted from the map
- Kilometrage of the watercourse orientated to longitudinal profile (numbered every 5 km)
- Selected hydrogeological and other wells with record data on groundwater
- HG - 7**
- Basic groundwater monitoring network object (SHMÚ) - in Quaternary sediment
- Groundwater object used by water mains company (borehole, well)
- Pumping station
- Reservoir
- Wastewater treatment plant
- Water treatment
- Main water mains pipeline
- CHKO** Boundary of protection landscape area; protected area
- Small river catchment watershed
- Rainfall station with ombrograph
- Meteorological station with evaporation meter
- Protection barrier
- A** Extraction point
- A - River Hron Water Reservoir
- B** Discharge point
- B - River Hron after the water reservoir
- C** Discharge point
- C - River Hron water reservoir for dry weather conditions
- D** Discharge point
- D - Tellnsky stream for treated sanitary wastewater coming from MO34
- E** Discharge point
- E - Širočina stream for drainage water coming from drinking water treatment
- F** Discharge point
- F - Tellnsky for drainage water coming from Čifáre sludge bed

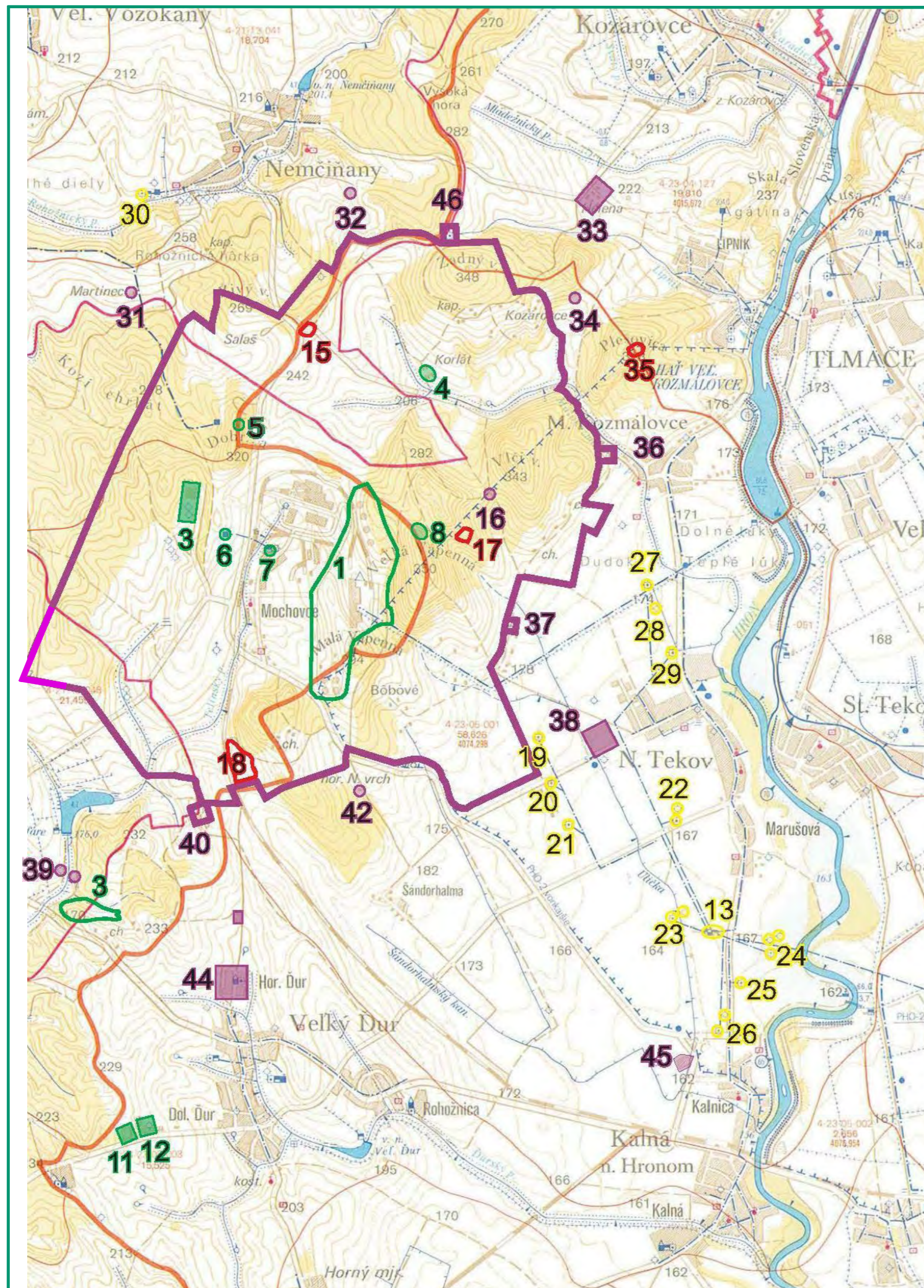


DESIGN FRAMEWORK
Hydrographic map and water supply and discharge facilities









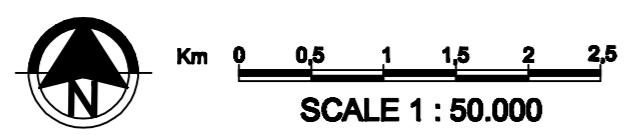
Date: July 2009
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LEGEND

-  Areas owned or used by Mochovce NPP
 -  Hygienic protection zone
 -  Areas used by Mochovce NPP
 -  Wells and drinking water pumping stations
 -  Permanent dwellings, recreation facilities, farmyards or stock farms
 -  Other buildings
- 1 Site of main building
 - 2 The former village of Mochovce
 - 3 RAW depository
 - 4 Korlát settlement
 - 5 Dobrica
 - 6 Drinking water reservoir for supply of building site
 - 7 Railway siding sluice
 - 8 Utility water reservoir fed from a pumping station on the Hron
 - 9 Utility water pumping station
 - 10 Settling pond of inactive sludge
 - 11 440 kV substation at Veľký Ďur
 - 12 110 kV substation at Veľký Ďur
 - 13 Back-up drinking water source
 - 14 Kálná nad Hronom railway station
 - 15 Meteorological station SHMÚ Bratislava
 - 16 Hunting cabin object 1
 - 17 Radio booster station mast (R-09 Veľká Vápenná)
 - 18 Solid waste municipal landfill under construction
 - 19 Drinking water station for supply of Levice
 - 20 Drinking water pumping station well for water mains supply
 - 21 Inhabited hamlet Martinec
 - 22 Inhabited lodge - PD Nemčianý
 - 23 Farmyard - PD Kozárovce
 - 24 Inhabited hamlet Kabát
 - 25 Television booster station mast
 - 26 Wine cellar - PD Kálná nad Hronom
 - 27 Ranch Nový Tekov
 - 28 Farmyard PD - Nový Tekov
 - 29 Hunting cabin
 - 30 Ruins of uninhabited hamlet Chladov
 - 31 Ruins of uninhabited hamlet Galiba
 - 32 Inhabited gamekeeper lodge - Nový vrch
 - 33 Municipal waste landfill - Nový Tekov
 - 34 Farmyard - PD Veľký Ďur
 - 35 Farmyard - PD Kálná nad Hronom
 - 36 Beekeeper cabin



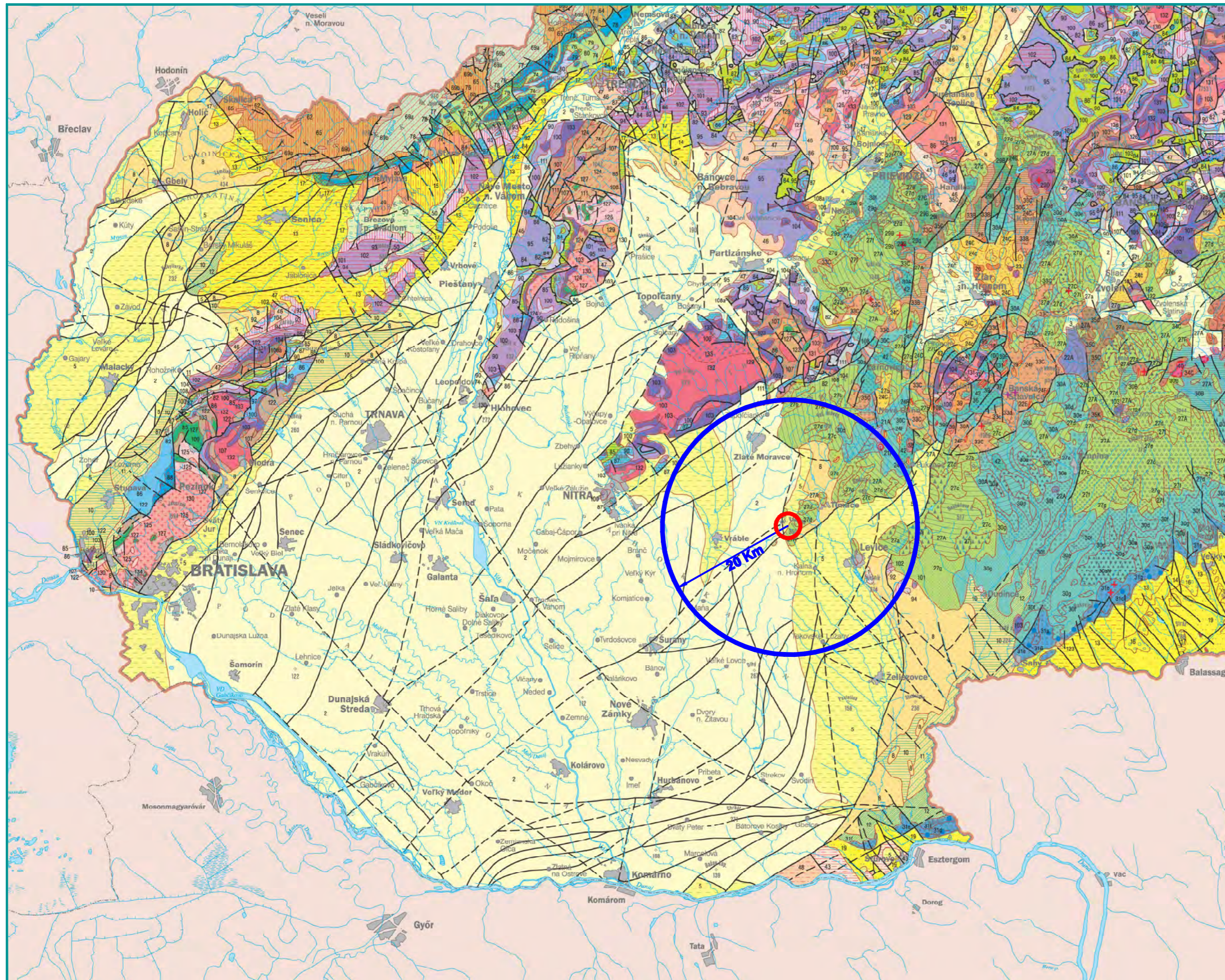
Source:
 - Hygienic protection zones pursuant to the Decision of the regional hygiene authorities No. H-IV-2370/79 from 15/10/1979; scale M = 1 : 10.000



ASSESSMENT METHODOLOGY
Protection zones

Date: July 2009
 Rev.: 0
 Scale: 1:50.000





Source:
 - Geological structure
 Anton Biely, Vladimír Bezák, Michal Elečko, Pavel Gross,
 Michal Kaličiak, Vlastimil Konečný, Jaroslav Lexa, Ján Mello,
 Ján Nemčok, Milan Polák, Michal Potfaj, Miloš Rakús,
 Dionýz Vass, Jozef Vozár, Anna Vozárová
Atlas krajiny Slovenskej Republiky; scale M = 1:500.000

ENVIRONMENTAL FRAMEWORK

Geology and seismicity



A world of capabilities delivered locally

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 Scale: 1:500.000



LEGEND

Mochovce NPP

Neogén

	slatkovodné vápence – fraszeryny, plicocén freshwater limestones – fraszeryny, Pliocen
	silvé a pestré íly, prachy, piesky, štrky, slojky lignitu, slatkovodné vápence a plochy tuftov (brodské, kúľovské, kúľovské a bečovské súvrstvie); dák – roman gray and varied clays, silts, sands, gravels, lignites, freshwater limestones and tuftite horizons (Brodské, Čbely, Kúľovo, Voľkove, Čečeho V.); Dacian – Romanian
	íly s lignitom, piesky, štrky (Dravská, Trenčianska a Ilavská kotlina); vrchný miocén – plicocén clays with lignite, sands, gravels (lava basins); Late Miocene – Pliocene
	pestré kaolinitické íly, piesky, štrky, ojedinelé sloje lignitu (poľtárske, senianske a leľovské súvrstvie); pont varied kaolinitic clays, sands, gravels, rare lignite seams (Poľtár, Sené and Leľovec Formations); Pontian
	silvé, prevažne vápnité íly, prachy, piesky, štrky, sloje lignitu a plochy slatkovodných vápencov (čárske, beladické, záhorské a ivanské súvrstvie); panón – pont gray, mostly calcareous clays, silts, sands, gravels, lignite seams, freshwater limestone horizons (Čár, Beladice, Záhorie and Ivanka Formations); Pannonian – Pontian
	silvé a pestré vápnité íly, piesky, štrky až zlepenca, sloje lignitu, slatkovodné vápence, ryolitové a andezitové tufy (sečovské a marinské súvrstvie, sekulské vrstvy); panón gray and varied clays, sands, gravels/conglomerates, lignite seams, freshwater limestones, rhyolite and andesite tufts (Sečovec and Martin Formations; Sekule Members); Pannonian
	silvé vápnité íly, piesky až pieskovce, prachovce, kyslé tufy, bentonit, lokálne sloje lignitu (lokajské a kochanovské súvrstvie); sarmat gray calcareous clays, sands/limestones, siltstones, acid tufts, bentonite, rare lignite seams (Lokaj and Kochanovce Formations); Sarmatian
	silvé vápnité íly až ílovce, silicoce, piesky až pieskovce, zlepenca, kyslé tufy, bentonit, organogénne vápence (stratavské, ptuščianske, vrátske a holičské súvrstvie); sarmat gray calcareous clays/claystones, siltstones, sand/sandstones, conglomerates, acid tufts, bentonite, limestones (Stratava, Ptúšk, Vráble and Holič Formations); Sarmatian
	silvé ílovce až prachovce, pieskovce, zlepenca, uhoňé sloje, kyslé tufy a andezitové epiklastiká (klčovské, sviniarske, lehtské, košianske, novické, handlovské a budínske súvrstvie); vrchný báden – sarmat gray claystones/siltstones, sandstones, conglomerates, coal seams, acid tufts, andesite epiklastic rocks (Klčov, Svinné, Lehotá, Koš, Nováky, Handlová and Budíž Formations); Late Badenian – Sarmatian
	silvé vápnité ílovce, prachovce, pieskovce, zlepenca, uhoňé slojky, kyslé tufy (studnienská, pozdiarske, maudnická a lastomirské súvrstvie); vrchný báden gray calcareous claystones, siltstones, sandstones, conglomerates, thin coal seams, silice tufts (Studnička, Pozba, Maudnice and Lastomir Formations); Late Badenian
	silvé vápnité prachovce, ílovce, pieskovce, zlepenca, riasové vápence, ryolitové a andezitové tufy (lanžhotské, bajtavske, pribelské a nížohrabovské súvrstvie); spodný báden gray calcareous siltstones, claystones, sandstones, conglomerates, algal limestones, rhyolite and andesite tufts (Lanžhot, Bajka, Pribelce and Nížohrabovce Formations); Early Badenian
	silvé a pestré vápnité prachovce, ílovce, pieskovce, zlepenca, štrky, evapority (zavodské, lačšarské, terakovské, soľnobanské, sladziňanske a modrokaronské súvrstvie); karpat gray and varied clays, sandstones, conglomerates, gravels, evaporites (Závod, Lačšar, Terakovce, Soľná Baňa, Kladzany, Modrá Karpat Formations); Karpatian
	silvé ílovce, piesky, uhoňé sloje, uhoňé íly (sajgotárijanske a búňovské súvrstvie); otnang gray claystones, sands, coal seams, carbonaceous clays (Sajgotárijan and Búňovec Formations); Otnangian
	silvé ílovce, silicoce, pieskovce, zlepenca; egenburg – otnang gray claystones, siltstones, sandstones, conglomerates; Egenburgian – Otnangian
	pestré íly, piesky, štrky, ryodolitové tufy (bukovinské súvrstvie); egenburg varied clays, sands, gravels, rhyolite tufts (Bukovinka Formation); Egenburgian
	vápnité prachovce, ílovce, pieskovce, tufty, pestré a uhoňé íly, uhlie, zlepenca, organodetritické vápence (lučické, čausiarske, ifľakovské, prešovské a čalovské súvrstvie); egenburg siltstones, claystones, sandstones, tuftites, varied and coal clays, coal, conglomerates, organodetritic limestones (Lučica, Čausa, Ifľakovo, Prešov and Čalovec Formations); Egenburgian
	zlepenca (dniehovské a vajsovské zlepenca); spodný miocén conglomerates (Drieňovec and Vajsovka Conglomerates); Early Miocene
	silvé vápnité prachovce (ľuženské súvrstvie); eger gray calcareous siltstones (Lužec Formation); Egerian
	organodetritické vápence, zlepenca, slieňovce (bretské a budkovianske vrstvy); eger organodetritic limestones, conglomerates, marlstones (Bretka and Budkovany Members); Egerian

Neogénne vulkany

	alkalicke bazaly a bazanity (cerovská bazaltová formácia); plicocén – pleistocén alkali basalts and basanites (Cerová Basalt Formation); Pliocene – Pleistocene
	alkalicke bazaly a bazanity (podrečanská bazaltová formácia); vrchný panón – pont alkali basalts and basanites (Podrečany Basalt Formation); Late Pannonian – Pontian
	bazaltické andezity (komplex Šibenického vrchu, formácia Višňeho vrchu); vrchný sarmat? – panón basaltic andesites (Šibenický vrch Complex; Viň vrch Formation); Late Sarmatian? – Pannonian
	ryolity a ryodacity (jastabská a strelnička formácia, ryolity Byšta-Viničky, rankovské ryolitové tufy); sarmat – panón rhyolites and rhyodacites (Jastrába and Strelnička Formations, Byšta-Viničky Rhyolites, Rankovce Rhyolite Tufts); Sarmatian – Pannonian
	ryolity a ryodacity (mernické ryodacity, ryolity Lesná, celkovské ryodacity, kráľovské a hrabovské ryolitové tufy); vrchný báden rhyolites and rhyodacites (Merník Rhyodacites, Lesná Rhyolites, Celkov Rhyodacites, Kráľovce and Hrabovce Rhyolite Tufts); Late Badenian
	limnokaricity; vrchný sarmat – spodný panón freshwater cherts; Late Sarmatian – Early Pannonian
	pyroxenické a amfibolicko-pyroxenické andezity (mladšie stratovolkány stred, a vých. Slovenska); sarmat – spodný panón pyroxene and hornblende-pyroxene andesites (younger stratovolcanoes of central and eastern Slovakia); Sarmatian – Early Pannonian
	pyroxenické a amfibolicko-pyroxenické andezity (andezity Sírník – Brňov – Plešany); spodný sarmat pyroxene and hornblende-pyroxene andesites (Sírník – Brňov – Plešany Andesites); Early Sarmatian
	bazaltické a pyroxenické andezity (tuřecká formácia, formácia Kľakovských dolín, formácia Ošvárska); vrchný báden basaltic and pyroxene andesites (Tuřec, Kľakovská dolina and Ošvárska Formations); Late Badenian
	pyroxenické a amfibolicko-pyroxenické andezity (staršie stratovolkány stredného Slovenska); báden pyroxene and hornblende-pyroxene andesites (older stratovolcanoes of central Slovakia); Badenian
	pyroxenické a amfibolicko-pyroxenické andezity (starohutský komplex, vinická formácia); spodný báden pyroxene and hornblende-pyroxene andesites (Stará Huta Complex, Vinica Formation); Early Badenian
	pyroxenicko-amfibolické andezity (brestovská formácia, formácia Lysá Stráň – Oblik); sarmat pyroxene-hornblende andesites (Brestov and Lysá Stráň – Oblik Formations); Sarmatian
	amfibolicko-pyroxenické, pyroxenicko-amfibolické a bioticko-amfibolické andezity (studenská, kraľušská, piesňská formácia, formácia Kremnického štítu, Stránsky komplex); vrchný báden hornblende-pyroxene, pyroxene-hornblende and biotite-hornblende andesites (Studenci, Kraľusa, Plesná and Kremnický štít Formations, Stráň Complex); Late Badenian
	pyroxenicko-amfibolické andezity (formácia Rohy); stredný – vrchný báden pyroxene-hornblende andesites (Rohy Formation); Middle – Late? Badenian
	amfibolicko-pyroxenické a hyperstenicko-amfibolické andezity s granátom (neressnická formácia); spodný – stredný báden garnet-bearing hornblende-pyroxene and hyperstenite-hornblende andesites (Neresnicka Formation); Early – Middle Badenian
	granodiority (hodruško-štanická intruzívny komplex); báden granodiorites (Hodruška-Štanica Intrusive Complex); Badenian
	diority (hodruško-štanická intruzívny komplex); báden diorites (Hodruška-Štanica Intrusive Complex); Badenian
	granodioritové porfýry (tatarský intruzívny komplex, intruzívny komplex Zlatno); báden granodiorite porphyry (Tatar and Zlatno Intrusive Complexes); Badenian
	kramito-dioritové porfýry (intruzívny komplex Banisko); báden quartz-diorite porphyry (Banisko Intrusive Complex); Badenian
	dioritové porfýry (intruzívny komplex Kalinka, Šarantička, centrálna vulkanické zóny stratovolkáno vých. Slovenska); báden – sarmat diorite porphyry (Kalinka and Šarantička Intrusive Complexes, central volcanic zones of east-slovakian stratovolcanoes); Badenian – Sarmatian
	andezitové porfýry (centrálna vulkanické zóny stratovolkáno východného Slovenska); sarmat andesite porphyry (central volcanic zones of East-Slovakian stratovolcanoes); Sarmatian
	andezitové porfýry (tanáď, belý, župkovský, prochotský intruzívny komplex, komplex Dudáš); báden andesite porphyry (Tanáď, Belý, Župkov, Prochot Intrusive Complexes, Dudáš Complex); Badenian

Vulkanoklastické horniny

	pyroklastické brekie, aglomeráty a uloženy pyroklastických prúdov pyroclastic breccias, agglomerates and pyroclastic flow deposits
	ignimbrity ignimbrites
	tuly a pemzové tuly tuffs and pumice tuffs
	epiklastické vulkanické brekie epiklastic volcanic breccias
	epiklastické vulkanické brekie a konglomeraty epiklastic volcanic breccias and conglomerates
	epiklastické vulkanické konglomeraty a pieskovce epiklastic volcanic conglomerates and sandstones
	epiklastické vulkanické pieskovce epiklastic volcanic sandstones
	epiklastické vulkanické silicoce a pieskovce epiklastic volcanic siltstones and sandstones
	tuftické ílovce tuftaceous claystones
	hyaloklastity hyaloclastites

Formy vulkanických a magmatických teles

	lavové prúdy a efúzne komplexy stratovolkáno lava flows and effusive complexes of stratovolcanoes
	efúzne komplexy vo výpni vulkanotektonických depresii effusive complexes filling volcanotectonic depressions
	extruzívne dómy a dómatické prúdy extrusive domes and dome flows
	protuzie a tholoidy protusions and tholoids
	neký bazaltov a andezitov basalt and andesite necks
	ďačky dykes
	submarinné extruzívne dómy submarine extrusive domes
	maary maars
	diatremy diatremes
	silty silt
	lakolity lacoliths
	štoky stacks
	efúzne kužele effusive cones
	stratovolkanické kužele stratovolcanic cones
	bazaltové troskové kužele basaltic spalter, scoria, cinder cones

Vrchná krieda a paleogén vnútorných Karpát

	pieskovce, ílovce, slieňovce (budínsky vývoj – džské súvrstvie); oligocén sandstones, claystones, marls (Budín basin – Dž Formation); Oligocene
	ílovce, pieskovce, zlepenca, uhlie, sieniité vápence (šomodské súvrstvie); priabón – oligocén claystones, sandstones, conglomerates, coal, marly limestones (Somod Formation); Priabonian – Oligocene
	pieskovce, menej ílovce (bielopotočské súvrstvie); priabón – oligocén sandstones, subordinate shales (Bely potok Formation); Priabonian – Oligocene
	pieskovce, vápnité ílovce – ťyš (huľčianske a zuberské súvrstvie); a) pravaha zlepencov (šambronske vrstvy); luteň – oligocén sandstones, calcareous claystones – ťyš (Huty and Zuberec Formations); a) mainly conglomerates (Šambron Member); Lutetian – Oligoce
	zlepenca, pieskovce, vápence, brekie (borovské súvrstvie); luteň – priabón conglomerates, sandstones, limestones, breccias (Borov Formation); Lutetian – Priabonian
	vápence, ílovce, slieňovce, sloje uhlia (budínsky vývoj); eocén limestones, claystones, marlstones, silice seams (Budín basins); Eocene
	pieskovce, zlepenca, slieňovce, ťyš s blokmi ríľových vápencov (myjavskej, hrňovsko-zlínskej vývoj); paleocén – eocén sandstones, conglomerates, marlstones, flysch with reel limestone blocks (Myjava, Hřčov-Zlín facies); Paleocene – Eocene
	silice, karbonatické pieskovce, vápence, zlepenca (brezovský/gosauský vývoj); senón marls, carbonate sandstones, limestones, conglomerates (Brezová/Gossau facies); Senonian

Krieda a paleogén vonkajších Karpát

	vápnité pieskovce a silicoce, vápnité ílovce, lokálne laminované vápence (cergovské vrstvy, krosianske súvrstvie; priabón – oligocén calcareous sandstones, siltstones and marly claystones, locally laminated limestones (Cergov Member, Krosno Formation); Priabonian – Oligocene
	vápnité ílovce, silicoce, pieskovce, skrzové těless (malcovské a rabčorské súvrstvie); priabón – oligocén calcareous claystones, siltstones, sandstones, slump (Malcov and Raabov Formations); Priabonian – Oligocene
	hnedé ílovce, pieskovce, rohovce (menilitské súvrstvie); priabón – oligocén brown claystones, sandstones, cherts (Menilitz Formation); Priabonian – Oligocene
	pieskovce, mikrokonglomeraty, menej ílovce (stříhovalské vrstvy); luteň – spodný priabón sandstones, microconglomerates, subordinate mudstones (Stríhoval Member); Lutetian – Early Priabonian
	pestré ílovce s mangánom („globigerinové silice“); luteň – priabón varied manganese claystones („Globigerina Marls“); Lutetian – Priabonian
	ílovce, pieskovce (všetinské vrstvy); luteň – priabón marly shales, sandstones (Všetín Member); Lutetian – Priabonian
	drobové a arkózové pieskovce, ílovce (kýčerské vrstvy, bahorské a makovické pieskovce); stredný eocén – priabón graywacke/arkose sandstones, mudstones (Kýčera Member, Baba Hora and Makovica Sandstones); Middle Eocene – Priabonian
	ílovce, pieskovce s glaukonitom, slieňovce (lybeťské vrstvy, vychyľovské súvrstvie); luteň – priabón mudstones, glauconitic sandstones, marlstones (Lybeť Member, Vychyľovka Formation); Lutetian – Priabonian
	ílovce, pieskovce s glaukonitom (hubovstvený ťyš (zlínske súvrstvie nečlenené)); luteň – priabón shales, glauconitic sandstones: thick-bedded flysch (Zlín Formation); Lutetian – Priabonian
	zelenosivé, lokálne červené ílovce, pieskovce s glaukonitom, pelokarbonáty (hieroglyfové vrstvy, podmenilitské súvrstvie); eo greenish-gray, at places red claystones, glauconitic sandstones, pelitic Fe-carbonates (Hieroglyf Formation, Submenilitz Formation); Eocene
	pieskovce, menej ílovce; hrubý ťyš (žargovské a magurské súvrstvie); eocén sandstones, subordinate shales, coarse sandy flysch (Cergov and Magura Sandstones); Eocene
	pieskovce, ílovce; tanokostvený ťyš, červené ílovce (belovské súvrstvie, „pesté“ vrstvy); paleocén – vrchný eocén coarse sandstones, subordinate claystones (Chabov Formation, „varied beds“); Paleocene – Early Eocene
	hrubozrné pieskovce, menej ílovce (čabovské súvrstvie); paleocén – spodný eocén coarse sandstones, subordinate claystones (Chabov Member); Paleocene – Early Eocene
	pieskovce, piesčité ílovce; ťyš (rajkovecké vrstvy); paleocén sandstones, sandy claystones; flysch (Rajkovec Member); Paleocene
	pieskovce, piesčité ílovce; ťyš (svodnické a rivnické súvrstvie); paleocén – eocén sandstones; sandy claystones; flysch (Svodnice and Rivnice Formations); Paleocene – Eocene
	pieskovce, menej ílovce, konglomeraty; hrubý pieskovcový ťyš (čišníarske vrstvy); senón – paleocén sandstones, subordinate shales, conglomerates; coarse sandy flysch (Čišná Member); Senonian – Paleocene
	drobové a arkózové muskovitické pieskovce, drobozný zlepenca (szczawínske vrstvy, soľnánske súvrstvie); mástricht – paleocén graywacke/triassic muscovitic sandstones, microconglomerates (Szczawin Member, Soľná Formations); Maastrichtian – Paleocene
	pieskovce, menej ílovce (stebianske vrstvy); senón – paleocén (dán) sandstones, subordinate shales (Stebná Member); Senonian – Paleocene (Danian)

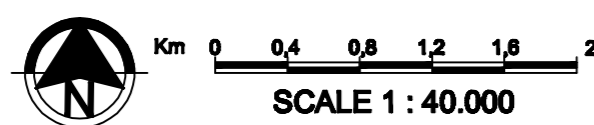
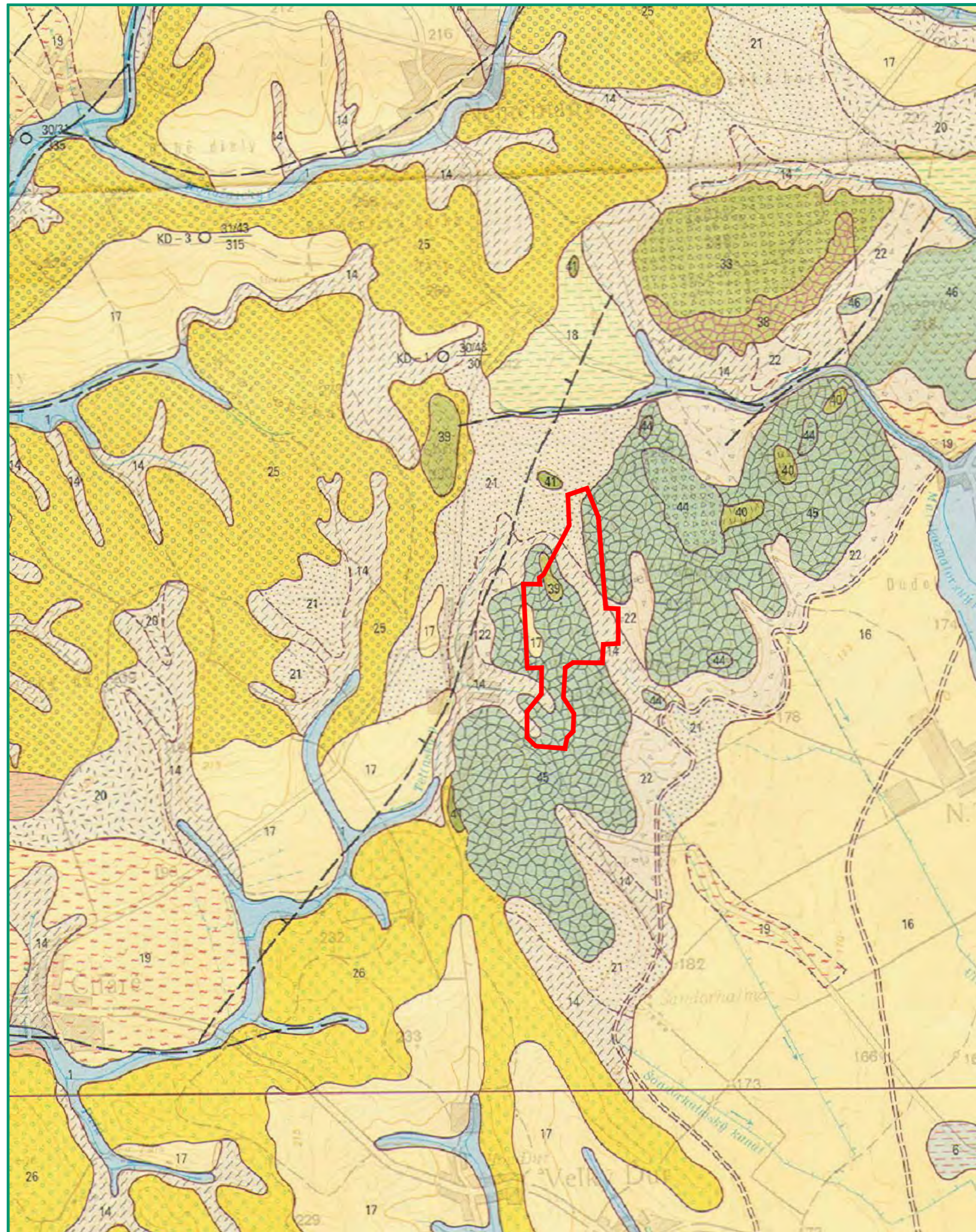
	a) pieskovce, ílovce, drobozný zlepenca (javornické vrstvy), b) červené ílovce (ondrášovské vrstvy, lopanické súvrstvie); kampán – mástricht a) sandstones, claystones, fine conglomerates (Javorina Member), b) red shales (Ondrášovce Member, Lopan Formation); Campanian – Maastrichtian
	tmavé, silvé a zelené ílovce, pieskovca („inocerámové“ vrstvy, cebuľské vrstvy); turón? – senón dark gray and green shales, sandstones (“Inoceramus” Member, Čubuľa Member); Turonian? – Senonian
	tmavosivé a zelené ílovce, jemnozrné pieskovce (ľupkovské súvrstvie); cenoman? – senón – paleocén dark gray and green shales, fine sandstones (Ľupkov Formation); Cenomanian? – Senonian – Paleocene

Mezoozoikum a paleogén bradlového pásma

	pieskovce, ílovce a zlepenca (jarmútské a pročské vrstvy); mástricht – eocén sandstones, shales and conglomerates (Jarmuta and Proč Formations); Maastrichtian – Eocene
	pestré slieňovce („couches rouges“); vrchný alb – spodný mástricht varied marlstones (“couches rouges“); Late Alban – Early Maastrichtian
	ílovce, slieňovce, pieskovce a zlepenca; ťyš („sférooiditové“, „upoľtávské“ a pupovské vrstvy, orťovské pieskovce); apt – senón shales, marlstones, sandstones and conglomerates; flysch (“spheroiditic”, “Upoliar” and Pupov Mts., Orťové Sandstones); Aptian – Senonian
	organodetritické vápence (urpónska fácia); barém – apt organodetritic limestones (Urgonian facies); Barremian – Aptian
	vrstevnaté íloité vápence a rohovcové vápence (pieniské súvrstvie); titón – barém bedded clayey limestones and cherty limestones (Pieniny Formation); Titonian – Barremian
	škvrnité vápence, krinoidové a hľuznaté vápence (čorštýnska sekvenca); sinemur – titón spotted limestones, crinoid and nodular limestones (Čorštýn succession); Sinemurian – Titonian
	vápnité pieskovca, škvrnité vápence, rádioruly a hľuznaté vápence (kyucké sekvenca); hetanz – kimeridž calcareous sandstones, spotted limestones, radiolarians and nodular limestones (Kysuce succession); Hetanzian – Kimmeridgian
	piesčité krinoidové, rohovcové a hľuznaté vápence (drietomské, haligovské a manínske sekvenca); sinemur – kimeridž sandy crinoid, cherty, and nodular limestones (Drietoma, Haligovce and Manín Succession); Sinemurian – Kimmeridgian
	pestré íloité bridlice a pieskovce (karpatský kuiper); norik varied shales and sandstones (Carpathian Kuiper); Norian
	dolomity a ílavé vápence (Marková, Púchov, Haligovca); stredný – vrchný trias dolomites and limestones (Marková, Púchov, Haligovca); Middle – Late Triassic

Mezoozoikum vnútorných Karpát

	pieskovce, slieňovce, ílovce; ťyš (porubské súvrstvie); alb – spodný turón, v Pevzaškom Inovci aj senón sandstones, marlstones, shales; flysch (Poruba Formation); Alban – Lower Turonian, in Povungský Inovec also Senonian
	organodetritické, miestami rohovcové vápence (urpónska fácia); barém – apt organodetritic, locally cherty limestones (Urgonian facies); Barremian – Aptian
	vrstevnaté íloité vápence, slieňovce a brekie; titón – apt bedded clayey limestones, marlstones and breccias; Titonian – Aptian
	vrstevnaté rohovcové, čiastočne íloité vápence (ľučviňanske súvrstvie); berias – spodný apt bedded cherty, partially clayey limestones (Lučviň Formation); Berasian – Early Aptian
	piesčité a škvrnité vápence, rádioruly, hľuznaté vápence („panový vývoj ľasu“); (rét?) a hetanz – kimeridž sandy and spotted limestones, radiolarians, nodular limestones (“basin facies“); (Rheulau?) Hetanzian – Kimmeridgian
	piesčité a krinoidové vápence, vyššie rádiorulové a hľuznaté vápence („prahový vývoj ľasu“); (rét?) hetanz – kimeridž sandy and crinoid limestones, cherty and nodular limestones at the upper part (“cordiliera facies“); (Rheulau?) Hetanzian – Kimmeridgian
	íloité bridlice, pieskovce (súvrstvie Korena), brekiovité vápence (borinské a brekie (Somár); ľias – doger shales; sandstones (Korena Formation), breccia limestones (Borinka L.) and breccias (Somár B.); Ľias – Doger
	bridlice, rádioruly, pieskovce (olistostroma (melianska formácia); ľias – kelove shales, radiolarians, sandstones; olistostroma (Melianska Formation); Ľias – Celkovic
	pestré íloité bridlice, pieskovca a dolomity (súvrstvie karpatského kuiper); norik varied shales, sandstones and dolomites (Carpathian Kuiper Formation); Norian
	pestré vápence, lokálne bridlice (halštátske, aflenzské, zlambašské, pötčenské nápance); norik – rét varied limestones, locally shales (Halstatt, Aflenz, Zlambaach and Pöttschen Limestones); Norian – Rhaetian
	svetlé, prevažne organodetritické vápence (lisovské, furmanské, dachsteinské vápence) a dolomity; karn – rét pale, mainly organodetritic limestones (Lisovec, Furmanec, Dachstein Limestones) and dolomites; Carnian – Rhaetian
	dolomity (hlavné), lokálne vápence (oponické) a bridlice; karn – norik dolomites (Hauptdolomite), locally limestones (Opontiz L.) and shales; Carnian – Norian
	tmavosivé íloité bridlice a pieskovce (luňzské vrstvy); karn dark-gray shales and sandstones (Luňz Member); Carnian
	tmavosivé vápence (guttensteinské) a dolomity (wettersteinské, hlavné); stredný – vrchný trias dark-gray limestones (Guttenstein L.) and dolomites (Wetterstein D., Hauptdolomite); Middle – Late Triassic
	dolomity, kryštalické a rohovcové vápence, bridlice (föderátska sekvenca); stredný – vrchný trias dolomites, recrystallized and cherty limestones, shales (Föderata succession); Middle – Late Triassic
	dolomity, kryštalické vápence s glaukofanitmi, ílyty a metasilicoce (dúbravské a hačovské súvrstvie); stredný – vrchný trias, jura dolomites, recrystallized limestones with glaukofanites, phyllites and metasiltstones (Dúbrava and Hačava Formations); Middle – Late Triassic; Jurassic
	metamorfované piesčité a íloité vápence, kryštalické vápence; trias metamorphosed sandy and marly limestones, marbles; Triassic
	tmavé vápence, rohovcové a kryštalické vápence, tmavé bridličnaté vápence; stredný – vrchný trias dark limestones, recrystallized and cherty limestones, dark schistose limestones; Middle – Late Triassic
	tmavé vápence (guttensteinské) a dolomity (ramsaušké); anis – karn dark limestones (Guttenstein L.) and dolomites (Ramsau D.); Anisian – Carnian
	tmavé vápence (guttensteinské), dolomity a rohovcové vápence (reflinské); anis – karn dark limestones (Guttenstein L.), dolomites and cherty limestones (Refling L.); Anisian – Carnian
	vápence (guttensteinské, steinalmské, wettersteinské, lokálne schreyerianske, reflinské) a dolomity; anis – karn limestones (Guttenstein, Steinalm; Wetterstein, locally Schreyerian, Refling L.) and dolomites; Anisian – Carnian
	kremence, pieskovce a íloité bridlice (ľúžňanské a verľenske súvrstvie); skyť quartzites, sandstones and shales (Lúžna and Werfen Formations); Scythian
	kremence, pieskovce, íloito-vápnité bridlice a vápence (benkovské a šuhavské vrstvy); skyť quartzites, sandstones; calcareous shales, and limestones (Benkov and Šuhava Members); Scythian



Source:
 - Section of the map:
 Geological map of the NE part of the Danubian lowlands
 J. Harčár, Z. Priehodská, GÚDŠ, 1985 - scale M = 1:50.000

LEGEND

- Mochovce NPP
- Fluvial sediment**
- Clayey to sandy loams
- Diluvia-fluvial sediments**
- Sandy to clayey loams, sands (Quaternary unitary)
- Loess (wurm)
- Loess (Pleistocene unitary)
- Loess loams (solid pleistocene)
- Eolian-diluvium sediments**
- Displaced loess (wurm- Holocene)
- QUATERNARY UNITARY**
- Diluvium sediments**
- Predominantly clayey
- Predominantly clayey-sandy to sand
- Predominantly clayey-stony
- DAK - VOLCANIC STRATA**
- Gravel and sand with sandy loams
- Gravels and sand with dust and sandy sloams
- Pumiceous ash rock
- Pyroxene andesite and other agglomerates
- Small-grained pyroxene andesite, unspecific veinstone intersection
- Tuffaceous pellets with sandstone and tuffaceous gravels to conglomerates (lower Sarmatian - Vrable strata)
- BADEN-SARMATIAN**
- Agglomerates to hyaloclastite breccias } Cifar andesite
- Lava breccias }
- Silicified red andesite

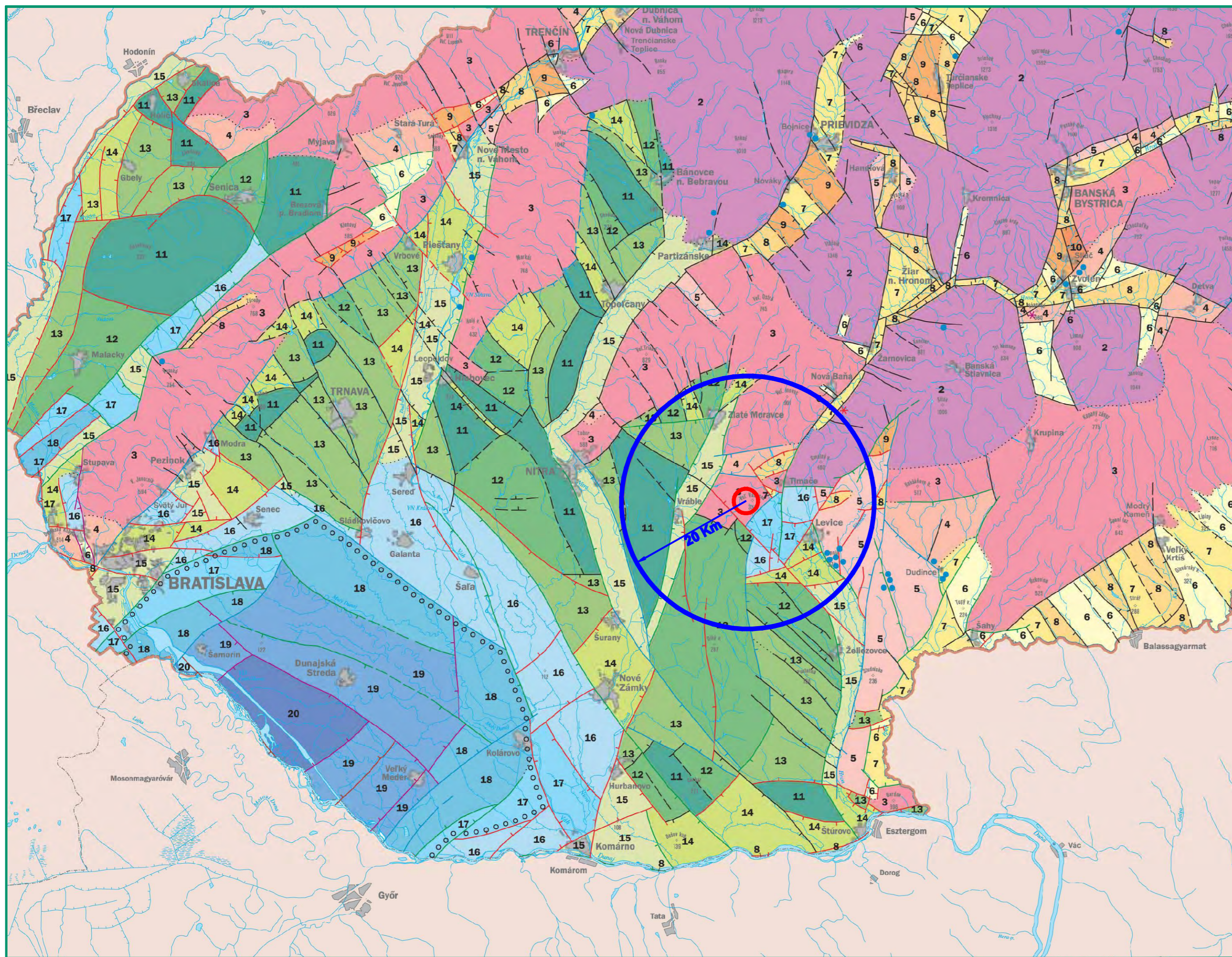


ENVIRONMENTAL FRAMEWORK Geology

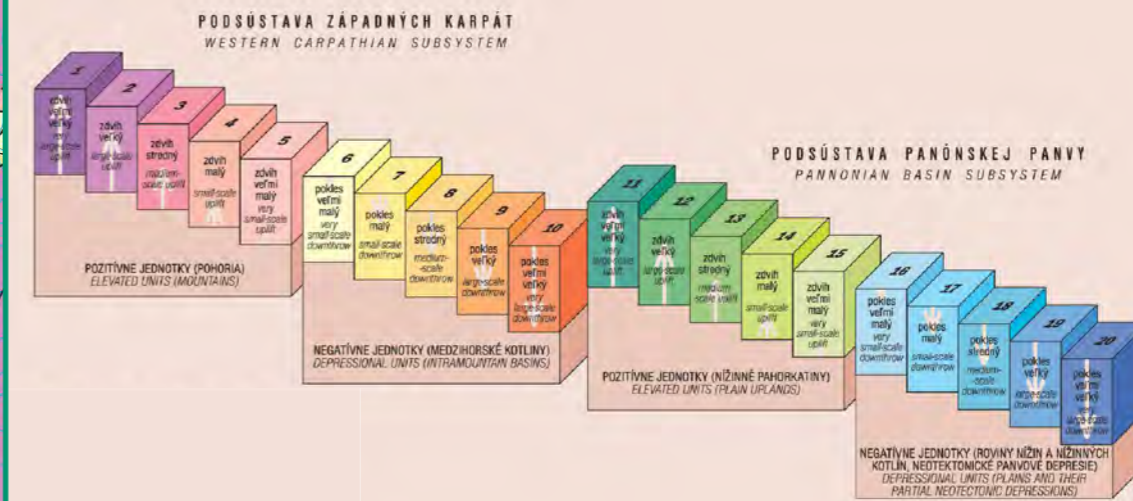
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Relatívne vertikálne pohybové tendencie tektonických blokov
Relative vertical movement trends of tectonic blocks



LEGEND

Mochovce NPP

Vek tektonickej aktivity
Age of tectonic activity

Zlomové línie a pliocénno-pleistocénne vulkanické centrá
Fault lines and Pliocene to Pleistocene volcanic centres

stredný, vrchný pleistocén až holocén
Middle, Late Pleistocene to Holocene

spodný pleistocén
Early Pleistocene

pleistocén vcelku
Pleistocene unspecified

kvartér vcelku
Quaternary unspecified

vrchný pliocén - kvartér
Late Pleistocene - Quaternary

vrchný pliocén
Late Pliocene

zlomy zistené:
a) bez označenia sklonu, b) s označením sklonu
faults observed: a) without fault dip, b) with fault dip

zlomy predpokladané:
a) bez označenia sklonu, b) s označením sklonu
faults assumed: a) without fault dip, b) with fault dip

neotektonické klenby
neotectonic domes

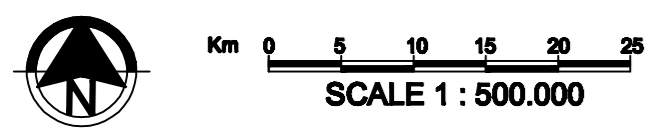
neotektonický panvový pokles (gabčíkova panva)
neotectonic basin downthrow (Gabčíkovo Basin)

geologické hranice
geological boundaries

Spríevodné prejavy neotektonickej aktivity
Accompanying manifestations of neotectonic activity

travertíny a penovce
travertines and calcareous tufa

vulkanické centrá (pliocén - pleistocén):
a) efúzívna a extrúzívna, b) explozívna (maary)
volcanic centres (Pliocene to Pleistocene): a) effusive and extrusive, b) explosive (maars)



Source:
- Neotectonic structure
Juraj Maglay, Rudolf Halouzka, Vladimír Banacký, Jan Pristaš, Juraj Janočko
Atlas krajiny Slovenskej Republiky; scale M = 1:500.000

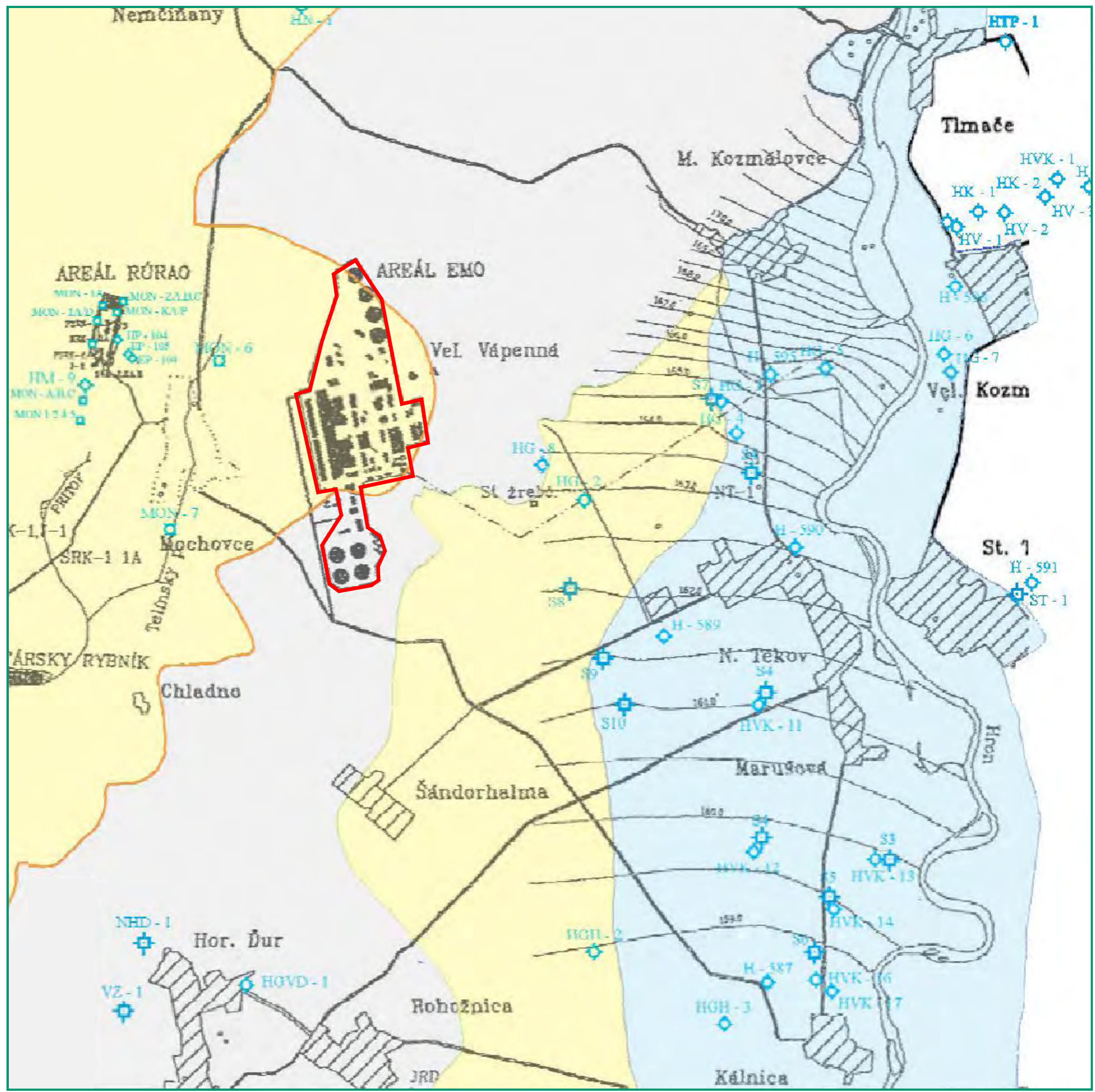


ENVIRONMENTAL FRAMEWORK
Neotectonic structure

Date: July 2009
Rev.: 0
Scale: 1:500.000

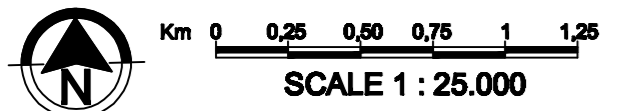


Study of Environmental Impact Assessment for Mochovce NPP
Units 3&4 - Rel. 08/08370478/RT84



LEGEND

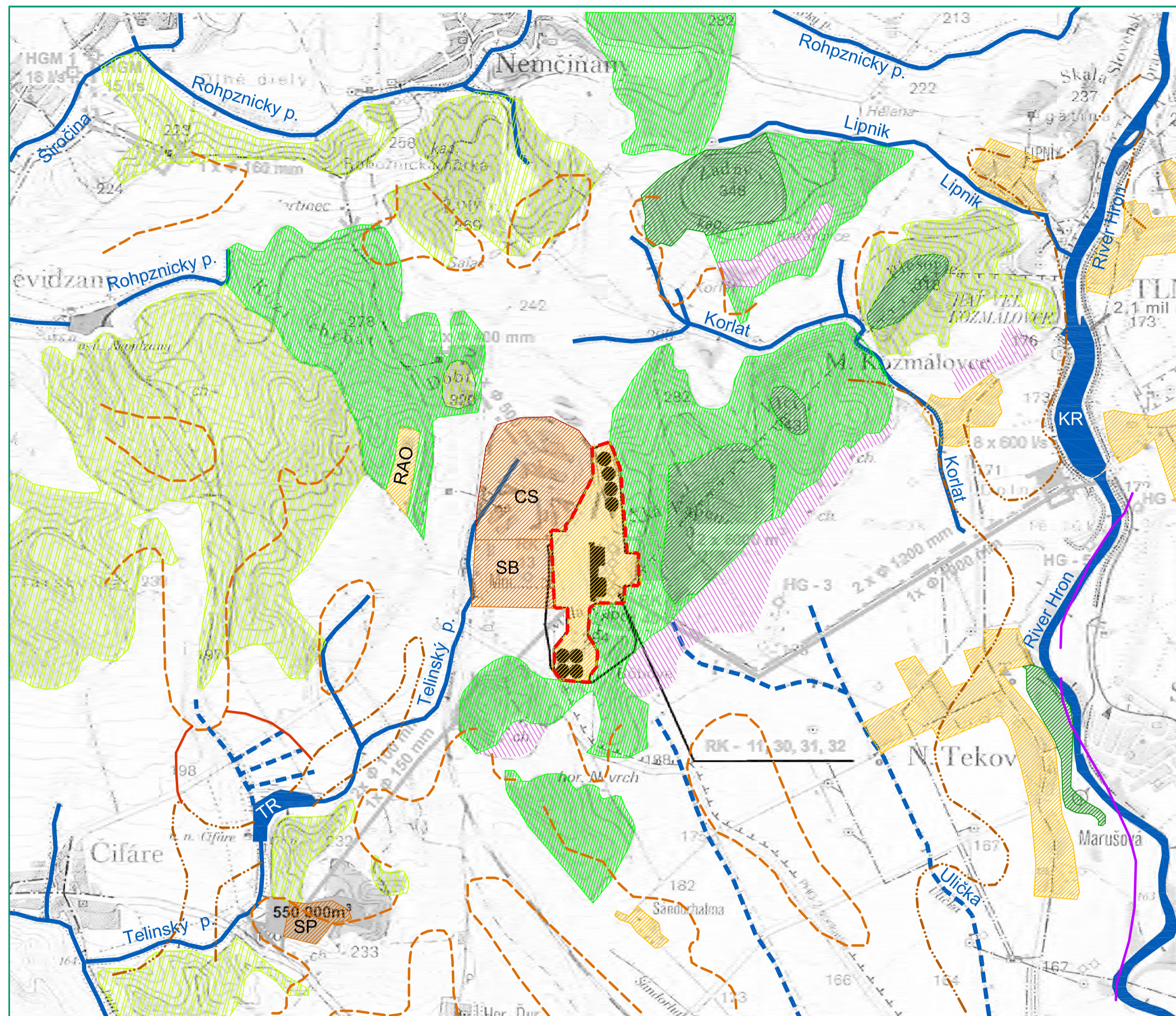
- Mochovce NPP
- Monitoring well
- Water source supply
- Monitoring well RURAO
- Horonská Upland W. part
- Horonská Upland E. part
- Junction Hronská Upland to Hronská Flatland
- Well registered in GEOFOND database
- Water shed divide
- Waste water pipeline NPP EMO
- Hydroizohypsés (m.n.m.)
- Hronská Flatland



Source:
 - NPP Mochovce and Surroundings
 Hydrogeological survey-summary layout Groundwater level at 6.11.1996
 Figure hlema/96-Figure ZUEMO/96

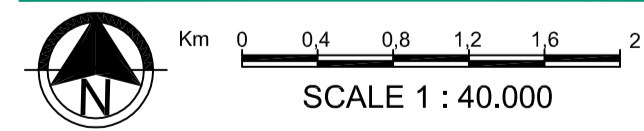
ENVIRONMENTAL FRAMEWORK
Hydrogeological map

Date: July 2009
 Rev.: 0
 Scale: 1:25.000

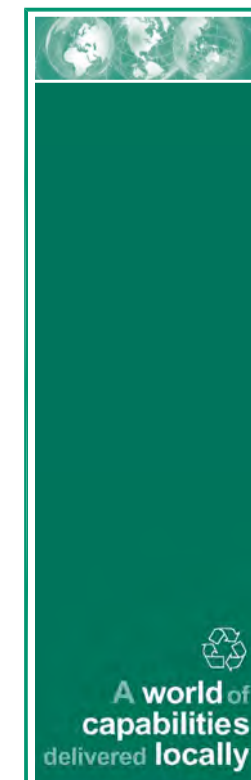


LEGEND

- - - Mochovce NPP
- BUILT ENVIRONMENTS**
- Buildings
- RAO= radioactive waste repository
- Landscaping areas
- CS= construction site
- SB= spoil bank
- SP= sludge pond
- Water course and reservoars
- KR= Kazmalovce
- TR= Telinský
- WOODLAND AND CROPS**
- Afforestation
- Woodland, scientific and aesthetic value
- Woodland protected
- Vineyards
- Arable
- FORMER NATURAL VEGETATION (Michalka et al 1987)**
- Oakwoods with *Quercus cetrus*
- Pannonian oak-hornbeam woods
- Elm floodplain woods
- Willow-poplar floodplain woods
- DRAINAGE**
- Reinforced watercourse
- Melioration canal



Source:
 - Elaborated from AEA Technology: Safety Upgrade and Completion of Units 1 and 2 of the Mochovce Nuclear Power Plant: Environmental Impact Assessment, November 1994.



DESIGN FRAMEWORK
Terrestrial environment

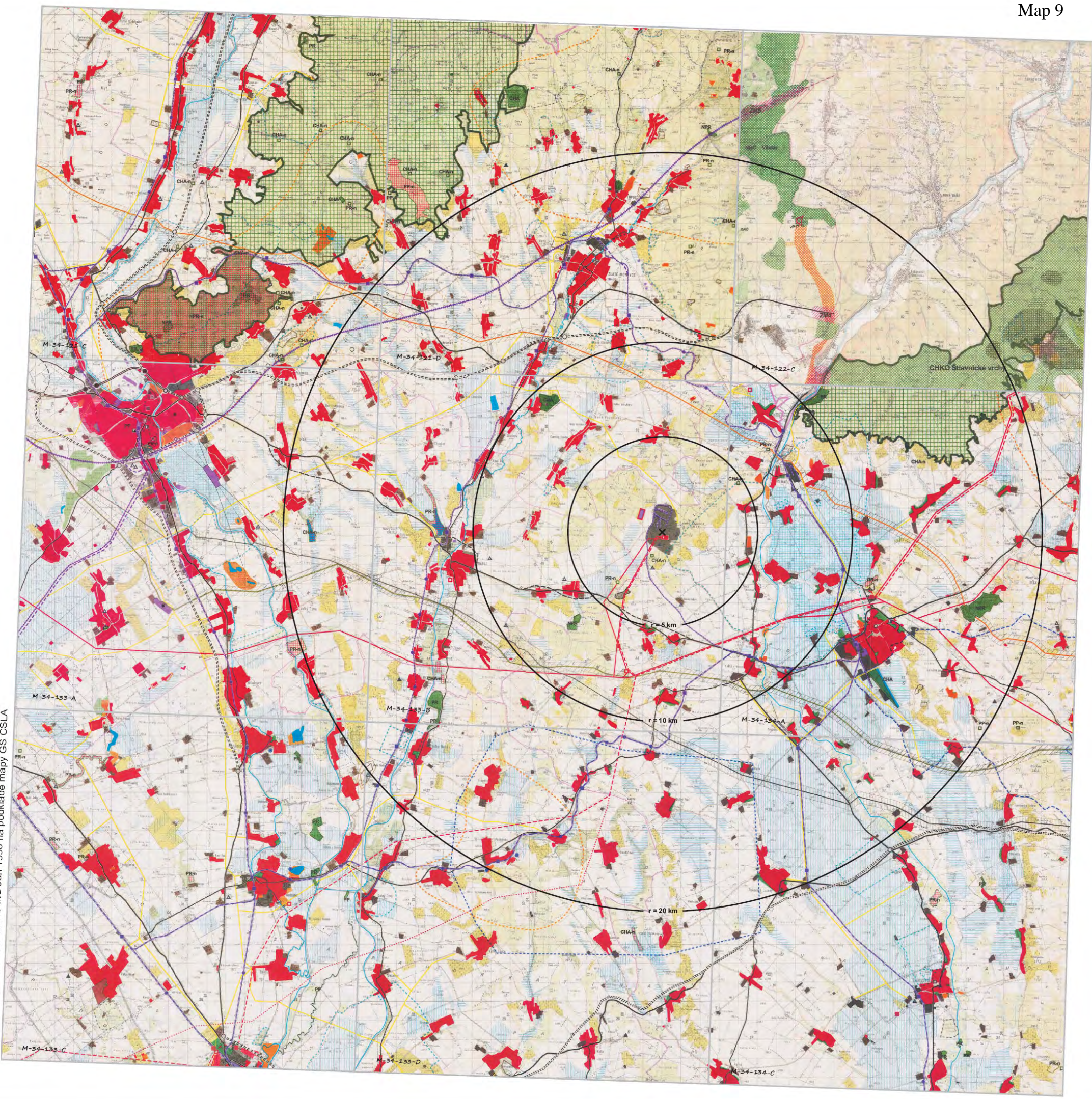
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Current and remaining state	Recommended and proposed state	Spatial reserve in land-use plan	Description
[Symbol]	[Symbol]	[Symbol]	Slovak border
[Symbol]	[Symbol]	[Symbol]	Regional boundary
[Symbol]	[Symbol]	[Symbol]	District boundary
[Symbol]	[Symbol]	[Symbol]	Residential areas
[Symbol]	[Symbol]	[Symbol]	Industrial, civil engineering, storage areas
[Symbol]	[Symbol]	[Symbol]	Agricultural areas
[Symbol]	[Symbol]	[Symbol]	Separately designated areas
[Symbol]	[Symbol]	[Symbol]	Technical infrastructure and transport areas
[Symbol]	[Symbol]	[Symbol]	Urban green area
[Symbol]	[Symbol]	[Symbol]	Cultural – historic complex
[Symbol]	[Symbol]	[Symbol]	Recreational and sport areas
[Symbol]	[Symbol]	[Symbol]	Important park, arboretum
[Symbol]	[Symbol]	[Symbol]	Forest park
[Symbol]	[Symbol]	[Symbol]	Village with recreation function
[Symbol]	[Symbol]	[Symbol]	Water bodies and reservoirs
[Symbol]	[Symbol]	[Symbol]	Boundary of recreational territorial units
[Symbol]	[Symbol]	[Symbol]	Game preserve
[Symbol]	[Symbol]	[Symbol]	Significant tourist destination
[Symbol]	[Symbol]	[Symbol]	PRLA urban landmark reservation
[Symbol]	[Symbol]	[Symbol]	Landmark zone
[Symbol]	[Symbol]	[Symbol]	National cultural landmark
[Symbol]	[Symbol]	[Symbol]	High speed motorway
[Symbol]	[Symbol]	[Symbol]	Southern road
[Symbol]	[Symbol]	[Symbol]	1 st class road
[Symbol]	[Symbol]	[Symbol]	2 nd class road
[Symbol]	[Symbol]	[Symbol]	Fly-over
[Symbol]	[Symbol]	[Symbol]	High speed railway line
[Symbol]	[Symbol]	[Symbol]	Main railway line
[Symbol]	[Symbol]	[Symbol]	Nationwide railway line
[Symbol]	[Symbol]	[Symbol]	Regional railway line
[Symbol]	[Symbol]	[Symbol]	Integrated system of regional mass transport
[Symbol]	[Symbol]	[Symbol]	Railway station
[Symbol]	[Symbol]	[Symbol]	Railway stop
[Symbol]	[Symbol]	[Symbol]	Watercourse
[Symbol]	[Symbol]	[Symbol]	Port
[Symbol]	[Symbol]	[Symbol]	Combined transport terminal
[Symbol]	[Symbol]	[Symbol]	Transshipment centre
[Symbol]	[Symbol]	[Symbol]	Border crossing
[Symbol]	[Symbol]	[Symbol]	Selected regional airfields with development possibilities
[Symbol]	[Symbol]	[Symbol]	Other regional airfields
[Symbol]	[Symbol]	[Symbol]	Cycle path

Current and remaining state	Recommended and proposed state	Spatial reserve in land-use plan	Description
[Symbol]	[Symbol]	[Symbol]	Main watercourse
[Symbol]	[Symbol]	[Symbol]	Hygienic protection zone
[Symbol]	[Symbol]	[Symbol]	Protected landscape area
[Symbol]	[Symbol]	[Symbol]	National nature reserve
[Symbol]	[Symbol]	[Symbol]	Nature reserve
[Symbol]	[Symbol]	[Symbol]	National natural landmark
[Symbol]	[Symbol]	[Symbol]	Natural landmark
[Symbol]	[Symbol]	[Symbol]	Protected area
[Symbol]	[Symbol]	[Symbol]	Wetland in the sense of the Ramsar convention
[Symbol]	[Symbol]	[Symbol]	Permanent plantation
[Symbol]	[Symbol]	[Symbol]	Permanent grassed coppice
[Symbol]	[Symbol]	[Symbol]	Drainage
[Symbol]	[Symbol]	[Symbol]	Irrigation
[Symbol]	[Symbol]	[Symbol]	Natural curative resource protection zone (1 st level)
[Symbol]	[Symbol]	[Symbol]	Natural curative resource protection zone (2 nd level)
[Symbol]	[Symbol]	[Symbol]	Geothermal borehole
[Symbol]	[Symbol]	[Symbol]	Geothermal energy protection zone
[Symbol]	[Symbol]	[Symbol]	Turf deposit
[Symbol]	[Symbol]	[Symbol]	Protected surface deposit
[Symbol]	[Symbol]	[Symbol]	Protected subsurface deposit
[Symbol]	[Symbol]	[Symbol]	Allotted area for surface deposit
[Symbol]	[Symbol]	[Symbol]	Allotted area for subsurface deposit
[Symbol]	[Symbol]	[Symbol]	Deposit without protection
[Symbol]	[Symbol]	[Symbol]	Affected overburden
[Symbol]	[Symbol]	[Symbol]	Seismic area with intensity of 8 st. MCS and higher
[Symbol]	[Symbol]	[Symbol]	Radioactive waste repository
[Symbol]	[Symbol]	[Symbol]	Settling pond
[Symbol]	[Symbol]	[Symbol]	Regional municipal waste landfill
[Symbol]	[Symbol]	[Symbol]	Waste landfills meeting technical standards
[Symbol]	[Symbol]	[Symbol]	Waste landfill meeting specific requirements
[Symbol]	[Symbol]	[Symbol]	Industrial, health and veterinary incinerator
[Symbol]	[Symbol]	[Symbol]	Selected sources of air pollution
[Symbol]	[Symbol]	[Symbol]	400 kW electrical lines
[Symbol]	[Symbol]	[Symbol]	VHV substation
[Symbol]	[Symbol]	[Symbol]	Oil pipeline
[Symbol]	[Symbol]	[Symbol]	Transit gas pipeline
[Symbol]	[Symbol]	[Symbol]	International gas pipeline
[Symbol]	[Symbol]	[Symbol]	VVTL and VTL gas pipeline
[Symbol]	[Symbol]	[Symbol]	Oil pipeline protection zone
[Symbol]	[Symbol]	[Symbol]	Gas pipeline protection zone

Komplexný urbanistický návrh : Sídlná štruktúra - M 1:100 000
 Zdroj: AUREX spol. s r.o. Bratislava Jún 1998 na podklade mapy GŠ ČSLA





July 2009

Photo documentation of the current situation

ANNEX 3.1



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July 2009

Assessment of the radiological impact of the radioactive discharges from operation of 4 reactors NPP Mochovce

ANNEX 4.1



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**Slovenské elektrárne, plc.
Nuclear power plants Mochovce, plant
Radiation protection unit**

**The Assessment of the Radiological Impact of the Radioactive
Discharges from Operation of 4 Reactors NPP Mochovce**

Report B0120/Spec/2007/6-1

1st revision

Elaborated by: RNDr. Pavol CHYLÝ
Spectrometry Technician II

Approved: RNDr. Milan ZRUBEC
Head of Radiation Protection

Mochovce, 20th July 2009

Annotation

Present report describes results of assessment of assumed radiological impact of radioactive discharges from normal operation and 100% achieved limit values for discharging of 4 reactors Mochovce Nuclear Power Plants on surrounding population.

Analysis of surrounding population dose load is based on real radioactive discharges into atmosphere and hydrosphere during year 2006 from operation Mochovce NPP units 1 and 2.

Limits for RAS discharge from operation of four reactors are assumed to be twice as high as limits for RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2.

Report also describes detail results of calculations of individual and collective effective and equivalent doses for the critical group. The calculations were done for 6 age categories, 6 body organs and the whole body and for 10 exposition pathways. It was also done the critical group, critical exposition pathway and critical radionuclide. The calculations include the region with 60km radius around Mochovce NPP with approximately 1.2 million inhabitants. Assessment of radiological impact was done by program RDEMO.

Tables with assumed values of radioactive discharges of 4 reactors Mochovce NPP for 2007 and 2008 years, derived on the base of measured values from operation Mochovce units 1 and 2, are added in 1st revision. Results of the assessment of assumed radiological impact on surrounding for these years are also present.

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List of used abbreviations

NPP	- nuclear power plant
SE-EMO	- Slovenské elektrárne plc., plant NPP Mochovce
ID	- individual dose
IED	- individual effective dose
NF	- nuclear facility
CED	- collective effective dose
ra-	- radioactive
RAS	- radioactive substances
RDEMO	- Annual doses of NPP Mochovce
RNG	- radioactive noble gases

1. Introduction

This report contains results of assessment of assumed radiological impact of discharge of radioactive substances (RAS) from normal operation and at assumed 100% reached limit values for RAS discharges from four reactors installed in the nuclear power plant Mochovce on surrounding population.

Assessment of radiological impact was preformed using the program RDEMO © VUJE Trnava, a.s.

Analysis of dose load of surrounding population was performed based on real RAS discharges into atmosphere and hydrosphere during year 2006 from operated NPP Mochovce units 1 and 2 (SE-EMO).

Report describes calculation results of annual individual effective and equivalent doses for individual form the critical population group and 50 (70)-year bonds of effective and equivalent collective doses for the critical group and the whole region. Calculates are done for six age categories, for six body organs and the whole body and for 10 exposition pathways with determination of critical population group, critical exposition pathway and critical radio nuclides.

Calculations include region with 60km radius form NPP Mochovce with total population approx. 1.2mil.

Tables with assumed values of radioactive discharges of 4 reactors Mochovce NPP for 2007 and 2008 years, derived on the base of measured values from operation Mochovce units 1 and 2, are added in 1st revision. Results of the assessment of assumed radiological impact on surrounding for these years are also present.

2. Program RDEMO

2.1 Program description

Program set RDEMO includes programs for preparation of input data files, calculation programs and programs for graphic and printed outputs with individual programs following from each other and outputs from one program form inputs for the next program.

Program enables calculation of annual individual effective and equivalent doses or 50(70)-year doses of collective effective and equivalent doses for six age categories (0 – 1, 1 – 2, 2 – 7, 7 – 12, 12 – 17, more than 17) for six calculated body organs (gonads, bone marrow, lungs, thyroid gland, alimentary tract and skin) and for the whole body for ten radiation pathways (**from atmosphere**: external radiation: caused by the cloud, deposit; internal radiation caused by: inhalation from the cloud, ingestion of food contaminated by atmospheric fall-out; **from hydrosphere**: external radiation: at swimming and sailing, caused by contaminated bank sediments, caused by stay on irrigated land; internal radiation: caused by ingestion of contaminated potable water, ingestion of contaminated fish, ingestion of food contaminated y irrigations). Program also counts 50(70)-year bonds of collective effective doses for all zones – regional doses.

Program determines the critical population group (critical zone), critical radiation pathway and critical radio nuclides for individual radiation pathways and total for atmosphere and hydrosphere including contributions by individual radio nuclides.

Area with 60km radius form NPP Mochovce is divided to 192 zones (0 – 1, 1 – 2, 2 – 3, 3 – 5, 5 – 7, 7 – 10, 10 – 15, 15 – 20, 20 – 30, 30 – 40, 40 – 50, 50 – 60km; direction N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW). Zone numbering used for the whole region is shown on figure 3.1.

2.2 Input data

Calculation requires large amount of input data contained in databases in form of input data files. Databases contain data characterizing affected data within 60km range, i.e.:

- Demographic data (population distribution according to census in year 1991);
- Data regarding production and consumption of agricultural and food products and their distribution (data based on agricultural production and statistic consumption for year 1994);
- Hydrologic parameters of the river Hron;
- Geographic data of NPP Mochovce surroundings (terrain buckling, sea elevations for individual calculation points);
- Radio nuclide library (data characterizing individual radio nuclides);
- Various coefficients (conversion effective and equivalent dose factors for six age categories, age corrections, concentration factors, transition coefficients, effective settling velocities, wash-out coefficients by precipitations, coefficients for removal form surface, breathing rhythm, duration of stay on contaminated land, etc.);
- RAS discharge to atmosphere and hydrosphere;
- Meteorological data (wind direction and velocity, stability category, intensity of precipitations);

2.2.1 Input data used for calculation of radiological impact from normal operation

Calculation used data of RAS discharged from operation of NPP Mochovce units 1 and 2 in year 2006. These discharge data are order comparable with data form the last operational years with regard to discharged activity or radio nuclide composition. RAS discharges from operation of units 3 and 4 are assumed to be on the same level. Balance data of discharged activity for individual radio nuclides were extrapolated to doubled value of current discharges from operation of NPP Mochovce units 1 and 2 (due to increased amount of reactors from two to four) and then used in calculation – list of radio nuclides and their activities is given in table 3.1.

Values of RAS discharges for 2007 and 2008 years for 4 reactors were also doubled on the base of this assumption. These values are presented in tables 3.1a and 3.1b. The comparison values from tables 3.1, 3.1a and 3.1b shows good agreement between values. It means that it need not do completely recalculation of impact of RAS discharges for 4 reactors by RDEMO program for 2007 and 2008 years. It is sufficient to use exist calculated values for 2006 year.

RDEMO input databases for 2007 and 2008 years were actualized due to changes in national legislation. Since 2007 year these radionuclides ^{46}Sc , ^{75}Se , ^{122}Sb , ^{181}Hf were permanent measured and taken into balances according to healthy state authority decision. Iodine ^{133}I was also permanent measured since 2007 year. New values of applied potable water for individual age category were used since 2007 year. Average annual value of water flow in Hron during discharge of inspection tanks containing tritium were actualized every year. Impacts of these changes on calculation of effective dose for individual from the critical group are described in annual radiation safety reports [7], [8].

Gaseous radioactive substances were discharged from the main production units to atmosphere via a vent stack 150m high. Volume of discharged air via vent stack was obtained by measuring of outputs and blowers operation time in HVAC systems. Tritium values were obtained by laboratory evaluation using liquid scintillation spectrometer of samples trapped in silica gel. Data of noble gases were obtained from measurements of the noble gas monitor SB 150. Values for iodine ^{131}I – gaseous form – were obtained using gamma spectrometry analysis of active coal from weekly sample of large-volume iodine cartridge. Radio isotopic composition

of aerosols was determined from gamma spectrometry analysis of large-area aerosol filters extracted in weekly intervals from large-volume extraction equipment. Strontium values were obtained using laboratory radio chemical analysis; values for aerosols – alpha – were obtained using alpha spectrometry analysis from quarterly sample of aerosol filters. Activity of individual radio nuclides from noble gases was calculated as percentage share on values measured by the noble gas monitor SB 150 in the following ratio: ^{41}Ar (53.2 %), ^{85}Kr (1.9 %), $^{85\text{m}}\text{Kr}$ (1.1 %), ^{87}Kr (3.8 %), ^{88}Kr (3.6 %), $^{131\text{m}}\text{Xe}$ (18.1 %), ^{133}Xe (5.5 %), $^{133\text{m}}\text{Xe}$ (3.4 %), ^{135}Xe (9.4 %). Due to no direct measuring of radio carbon ^{14}C in gaseous discharges from SE-EMO, extrapolated data were used (standardized with regard to produced electricity and operational hours) from NPP Bohunice V2 so that resulting discharge for SE-EMO was determined 11.8GBq in form of CO_2 and 225.8GBq in form of carbohydrates.

New own sampler for sampling radiocarbon ^{14}C was used for balancing radiocarbon since 2007 year. These samples were measured in Laboratories of Off-site radiation monitoring. The comparison of own measured values for 2007 and 2008 years shows good agreement with used extrapolated values from Bohunice NPP for 2006 year [1], [7], [8].

Liquid radioactive substances were discharged to hydrosphere, i.e., via a piping collector to the river Hron below the water-gate of the dam at Kozmálovce (river kilometer 75.4). The river was used for recreational purposes and for irrigation, too. Average annual value of water flow in Hron during discharge of inspection tanks containing tritium, was $37.9\text{m}^3/\text{s}$. List of radio nuclides and their activities is given in table 3.1, too. Total volume of discharged water was obtained by monitoring of discharged water from inspection tanks of the following systems: Wastewater treatment station, Operational building, Unit condensate treatment and Purification station of SG continuous blowdown. Tritium values were obtained by laboratory evaluation using liquid scintillation spectrometer of samples extracted from the inspection tanks of the wastewater treatment plant system prior to their emptying. Tritium values from operational building were obtained by similar measuring of monthly poured sample. Radio isotopic composition was determined by obtaining of data, corrosion and fission products – gamma – from gamma spectrometric analysis of monthly poured concentrated samples. Strontium values ^{89}Sr , ^{90}Sr were obtained using laboratory radio chemical analysis and trans-uranium values were obtained using radio chemical separation and alpha spectrometry analysis of quarterly poured concentrated sample.

Measuring instruments used for above mentioned measurements are determined measuring instruments liable to regular metrology calibration and verification.

Data of meteorological situation in location NPP Mochovce for year 2006 were obtained from the Slovak hydro-meteorological institute, workplace Mochovce. The wind rose, i.e., direction of predominating winds is shown on fig. 3.2. Wind rose values and other meteorological parameters entering the calculation aren't statistically significantly different from other year in location NPP Mochovce and there is no assumption for their significant deviation from weather parameters in the future at operation of units 3 and 4 in NPP Mochovce.

Data of meteorological situation in location NPP Mochovce were obtained from own meteorological station located in Mochovce area since 2007 year. Wind direction, wind velocity and category of stability were taken from system SODAR 150 meter high level (high of ventilation stack). Rainfall was taken from precipitation-gage station. The comparison both wind rose and statistical meteorological parameters of single meteorological database for 2006 and 2007 years shows good agreement [7].

2.2.2 Input data used for calculation of radiological impact at reached 100% limit values for discharges

Annual balance limit values for RAS discharges for four reactors installed in the nuclear power plant Mochovce were assumed as double values compared with currently valid limit values for operation of NPP Mochovce units 1 and 2. Their list and assumed limits are given in table 4.1.

RAS discharges assumed uniform RAS leakage throughout the whole year. It didn't consider so called short-time alternatives of RAS discharge, i.e., that substantial portion of RAS (e.g., 95%) would be discharged within a short time period (e.g., one week) with the remaining portion being discharged during the rest of year (5%). No alternatives were also assumed for RAS discharge regarding above- design radiation accidents, i.e., accidents connected with above-limit damaging of fuel element coverage or melting of the core.

It can be assumed that during normal operation at tight coverage of all fuel elements of four reactors it's impossible to reach RAS discharged on 100% level of limit values for RAS discharge. Therefore, in order to reach RAS discharge on 100% level of limit values it's necessary to assume partial damaging of fuel elements coverage in one or several reactors at the same time while permitting safe NPP operation in compliance with valid operational limits and conditions. Therefore, possibilities of other radio nuclides detection in discharges were assessed under these conditions including their possible discharged activity. Analysis showed probable identification of other radio nuclides in discharges; however, these wouldn't be included into the balance due to not meeting criteria for their balancing. E.g., RNG would probably disclose the following radio nuclides with short lifetime: ^{89}Kr , ^{90}Kr , ^{137}Xe , ^{138}Xe . However, due to their short half-life period (seconds and minutes) they weren't considered in annual volumes due to assumed balanced RAS discharged throughout the whole year. Situation is similar for radioactive aerosols where only barium ^{140}Ba would be included meeting the half-life period 8 days.

ATMOSPHERE

Input data for RAS discharges to atmosphere are given in table 4.2.

Aerosols (with half-life exceeding 8 days; except for ^{131}I) – limit discharge $3.4 \times 10^{11} \text{Bq}$ was divided in ration of percentage share of individual radio nuclides on aerosol discharge from SE-EMO for year 2006. These radio nuclides were added by radio nuclide ^{140}Ba which is likely to be monitored on 100% level of limit drawing for aerosols.

Iodine ^{131}I (gaseous and aerosol form) – discharge calculated on limit value level $1.34 \times 10^{11} \text{Bq}$ – divided in proportion 5.7 % for iodine ^{131}I - aerosol and 94.3 % for iodine ^{131}I - gas based on proportion of given elements measured in the vent stack of SE-EMO in year 2006.

Radioactive noble gases (any mixture) – limit discharge $8.2 \times 10^{15} \text{Bq}$ was divided in proportion of percentage share of individual radio nuclides on RNG discharge from SE-EMO for year 2006. Argon ^{41}Ar is neutron-activated radio nuclide; therefore, there is no reason to assume its growth at increased RNG discharges on 100% level of limit drawing; thus, its discharge was calculated on double level of SE-EMO balance for year 2006.

Tritium – discharge calculated double level of SE-EMO balance for year 2006.

Radio carbon ^{14}C (organic and inorganic form) – discharge was calculated on double level of SE-EMO balance for year 2006.

HYDROSPHERE

Input data for RAS discharges into hydrosphere are given in table 4.2.

Tritium – discharge calculated on limit level $2.4 \times 10^{13} \text{Bq}$;

Other radio nuclides (activated corrosion products, fission products and trans-uranium) – limit discharge $2.2 \times 10^9 \text{Bq}$ was divided in proportion of share of individual radio nuclides on discharge of corrosion and fission products and trans-uranium from SE-EMO for year 2006.

OTHER DATA

Other input data for calculation were identical with data for calculation of radiological impact of normal operation.

2.3 Description of mathematic model

Mathematic description of RAS transfer on humans and calculation of doses uses compartment model using “concentration coefficient” method. This method is based on assumed balance of activities in individual mutually bound environmental elements. The following radiation pathways and transfer of radioactive substances into human are considered: atmosphere, hydrosphere and food chains. Calculation of RAS spreading in atmosphere uses relationships from the Gauss model of atmospheric diffusion with horizontal diffusion parameter averaged to the width of wing direction sector. Diffusion parameters were used from the atmosphere stability categorization according to Paquill – Uhlig. The atmosphere stability category should be determined on the basis of measurement of thermal gradients or fluctuations of wind direction. Only surface waters are considered for calculation of RAS transfer in hydrosphere.

During recent operation of SE-EMO, no radioactivity has ever been detected in underground waters in this location as result of SE-EMO operation.

Calculation of RAS transfer via food chains uses the concentration coefficients method subject to balanced concentration of RAS in environmental elements. Only Cs transfer to port uses dynamic model. Input parameters for calculation consist of data characteristic for the NI installation location and in case of their absence – data characteristic for NI installation region.

Assumed radiation pathways for external and internal radiation of human and calculation system of equivalent doses caused by external and internal radiation are given in figures 3.3 and 3.4.

2.4 Dose calculation method

2.4.1 Calculation method of annual individual doses, dose bonds and 50(70)-year bonds of individual doses

Equivalent dose caused by external radiation or dose bond from internal radiation H_T , [Sv] is calculated:

$$H_T = \sum_R w_R D_{T,R}$$

Where:

$D_{T,R}$ - absorbed dose from radiation R in organ T [Gy];

w_R - radiation weight factor;

Effective dose from external radiation or dose bond from internal radiation H_E , [Sv] is determined as sum of multiplications of equivalent dose H_T and *tissue weight factor* w_T in all body tissues and organs. Effective dose enables local or partial expression of body radiation as equivalent of balanced whole-body radiation, thus enabling quantification of bodily injury.

Effective dose H_E , [Sv] is calculated:

$$H_E = \sum_T w_T H_T$$

Where:

H_T - equivalent dose in tissue or organ T [Sv];

w_T - tissue weight factor;

50(70)-year bond of equivalent dose $H_{T,50(70)}$, or effective dose $H_{E,50(70)}$ is defined as time integral of equivalent or effective dose input with integration boundaries given by assumed duration of population around the NPP, i.e., 50 years for adults and 70 years for children.

50(70)-year bond of equivalent dose $H_{T,50(70)}$ in tissue T [Sv]:

$$H_{T,50(70)} = \int_0^{50(70)} H_T(t) dt$$

50(70)-year bond of effective dose $H_{E,50(70)}$, [Sv]:

$$H_{E,50(70)} = \int_0^{50(70)} H_E(t) dt$$

Effective or equivalent dose (bond for internal radiation) for organ or tissue j for individual of given age category a is calculated as sum of doses caused by various radio nuclides r and radiation pathways p :

$$H^{a,j} = \sum_p \sum_r H_p^{a,r,j}$$

Where:

$H_p^{a,r,j}$ - effective or equivalent dose (bond for internal radiation) on organ or tissue j of individual of given category a caused by nuclide r via pathway p [Sv];

The following section describing calculation method for individual doses from radiations for given period, uses the following indicators: **r** -radio nuclide, **j** -organ or tissue, **a** - age category, **p** -transfer pathway, **i** – wind direction sector, **k** - zone.

DOSES FROM ATMOSPHERE

External radiation caused by the cloud for an organ or tissue j (except for skin) is calculated:

$$H_{AI}^{r,j} = Q^r \bar{\chi}_{\gamma i}^r(x, \theta) R_{A\gamma}^{r,j} S f_m$$

Dose from the cloud for skin is determined in the following way:

$$H_{AI}^{r,j} = Q^r [\bar{\chi}_{\gamma i}^r(x, \theta) R_{A\gamma}^{r,j} + \bar{\chi}_i^r(x, \theta) R_{AB}^{r,j}] S f_m$$

Where:

$H_{A1}^{r,j}$ - effective or equivalent annual dose on organ or tissue j caused by radio nuclide r by radiation from the cloud in distance x from the source in wind direction sector i , or 50(70)-year bond ID [Sv];

Q^r - radio nuclide discharge r for given period [Bq];

$\bar{\chi}_i^r(x, \theta)$ - long-term factor of radio nuclide volume activity dilution r in the air in distance x from the source in sector i with width θ [$s\ m^{-3}$];

$\bar{\chi}_\gamma^r(x, \theta)$ - long-term factor of gamma dose from the radio nuclide cloud r in the air in distance x from the source in sector i with width θ [$s\ m^{-3}$];

$R_{A\gamma}^{r,j}, R_{A\beta}^{r,j}$ - dose factors for gamma or beta sin radiation for radio nuclide r and organ or tissue j [$Sv\ m^3\ Bq^{-1}\ s^{-1}$];

Sf_m - screening factor of buildings for the cloud is 0.5;

External radiation caused by contaminated earth surface is calculated:

$$H_{A2}^{r,j} = Q^r [\bar{F}_i^r(x, \theta) + \bar{W}_i^r(x, \theta)] R_S^{r,j} Sf_d K^r$$

Where:

$H_{A2}^{r,j}$ - effective or equivalent dose for organ or tissue j caused by radio nuclide r by radiation from contaminated earth surface annual (when $t_b = 1$ year) or 50(70)-year bound ID (when t_b equals to 50(70) years) [Sv];

Q^r - radio active nuclide r discharge for given period [Bq];

$\bar{F}_i^r(x, \theta)$ - long-term dry settling factor or

$\bar{W}_i^r(x, \theta)$ - admixture washing-out by precipitations [m^{-2}];

$R_S^{r,j}$ - dose factor for external radiation from deposit, for radionuclide r and organ or tissue j [$Sv\ m^2\ Bq^{-1}\ s^{-1}$];

Sf_d - screening factor of buildings for deposit (0.5);

$$K^r = \frac{1 - e^{-\lambda_{ef} t}}{\lambda_{ef}}; \quad \lambda_{ef} = \lambda_r + \lambda_o$$

λ_r and λ_o - decay constant or radio nuclide removal speed from the soil [s^{-1}];

t - time [s]: 1 year in case of annual doses, 50(70) years in case of 50(70)-year bond of the ID bond;

Internal radiation at inhalation is calculated:

$$H_{A3}^{a,r,j} = Q^r \{ \bar{\chi}_i^r(x, \theta) + [\bar{F}_i^r(x, \theta) + \bar{W}_i^r(x, \theta)] K^r \} R_{inh}^{a,r,j} U^a$$

Where:

$H_{A3}^{a,r,j}$ - bond of effective or equivalent dose for organ or tissue j of individual in age category a caused by radio nuclide r by internal radiation at inhalation, from annual dose (if t equals 1 year), or 50(70)-year ID bond for the duration of stay (in case that t equals 50(70) years) [Sv];

Q^r - radio nuclides discharge r for given period [Bq];

$\bar{\chi}_i^r(x, \theta)$ - long-term volume activity dilution factor [$s \text{ m}^{-3}$];

$\bar{F}_i^r(x, \theta)$ - long-term dry settling factor or

$\bar{W}_i^r(x, \theta)$ - long-term factor of admixture wash-out by precipitations [m^{-2}];

$$K^r = \frac{10^{-5}(1 - e^{-(\lambda_r + \lambda_{ef})t})}{\lambda_1 + \lambda_{ef}} + \frac{10^{-9}(1 - e^{-(\lambda_2 + \lambda_{ef})t})}{\lambda_2 + \lambda_{ef}}$$

$$\lambda_{ef} = \lambda_r + \lambda_o$$

λ_r , a λ_o - decay constant of velocity of radio nuclides removal from the soil [s^{-1}];

t - time [s] = 1 year in case of annual doses or 50(70) years in case of 50(70)-year ID bond;

$R_{inh}^{a,r,j}$ - effective or equivalent dose bond from unit intake of radio nuclide r by inhalation counted from the intake year till the end of life [Sv Bq^{-1}];

U^a - breathing rhythm [$\text{m}^3 \text{ s}^{-1}$];

This equation include re-suspension contribution to the bond or to 50(70)-year bond of effective and equivalent dose, where $\lambda_1 = 1.2 \times 10^{-2} [\text{day}^{-1}]$, or $\lambda_2 = 2 \times 10^{-5} [\text{day}^{-1}]$ represents short- or long-time velocity of radio nuclide removal from the earth surface and 10^{-5} and 10^{-9} are re-suspension coefficients [m^{-1}].

Internal radiation caused by ingestion of agricultural products contaminated by atmospheric fall-out is calculated:

$$H_{A4}^{a,r,j} = A_{A4}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{A4}^{a,r,j}$ - **bond or 50(70)-year bond** of effective ore equivalent dose for body organ or tissue j of individual from the age category a caused by radio nuclide r at ingestion of agricultural products as portion of relevant (annual or 50(70)-year intake [Sv];

$A_{A4}^{a,r}$ - **intake** radio nuclide r with agricultural products for individual of the age category a [Bq];

$R_{ing}^{a,r,j}$ - bond of effective or equivalent dose as portion of unit nuclide intake r by ingestion [$Sv Bq^{-1}$];

$$A_{A4}^{a,r} = \sum_n Q^r(t_n) [\bar{F}_i^r(x, \theta, t_n) + \bar{W}_i^r(x, \theta, t_n)] A_{A45}^{a,r,n}$$

$A_{A45}^{a,r,n}$ - time integral of radio nuclide r intake in food in case of dose bonds or for duration of stay - 50(70) years in case of 50(70)-year bond ID - [m^2] as intake portion of monthly or weekly fall-out;

$Q^r(t_n)$ - radio nuclide r discharge in month or week n [Bq];

$\bar{F}_i^r(x, \theta, t_n)$ - long-term dry settling factor or

$\bar{W}_i^r(x, \theta, t_n)$ - long-term admixture wash-out factor by precipitations [m^{-2}];

DOSES FROM HYDROSPHERE

External radiation at swimming or sailing is calculated:

$$H_{V1}^{r,j} = C_{DV}^r g_1 U_{V1} R_V^{r,j}$$

Where:

$H_{V1}^{r,j}$ - effective or equivalent dose for body organ or tissue j caused by radio nuclide r at swimming or sailing – annual or 50(70)-year bond ID [Sv];

C_{DV}^r - volume activity of radio nuclide r in water [$Bq.l^{-1}$];

g_1 - geometric radiation factor: for diving = 1, for sailing = 0.5;

U_{V1} - swimming or sailing duration [s];

$R_V^{r,j}$ - dose radiation factor from water for radio nuclide r and body organ or tissue j [$Sv.l.Bq^{-1}.s^{-1}$];

External radiation caused by sediments and at stay on the beach is calculated:

$$H_{V2}^{r,j} = C_{V22}^r g_2 U_{V2} R_S^{r,j}$$

Where:

$H_{V2}^{r,j}$ - effective or equivalent dose for body organ or tissue j caused by radio nuclide r at stay on the beach or on sediments – annual or 50(70)-year bond ID [Sv];

C_{V22}^r - area activity or radio nuclide r in sediments [$Bq.m^{-2}$];

g_2 - geometric radiation factor: on the sediments surface = 1; on the beach = 0.2;

U_{V2} - duration of stay on the beach [s];

$R_S^{r,j}$ - dose radiation factor caused by contaminated earth surface [$Sv.m^2.Bq^{-1}.s^{-1}$];

External radiation at stay on irrigated land is calculated:

$$H_{V5}^{r,j} = C_{V52}^r U_{V5} R_S^{r,j} K^r$$

$$K^r = \frac{1 - e^{-\lambda_{ef}t}}{3,15 \times 10^7 \lambda_{ef}}; \quad \lambda_{ef} = \lambda_r + \lambda_o$$

Where:

$H_{V5}^{r,j}$ - effective or equivalent dose for body organ or tissue j caused by radio nuclide r at swimming or sailing – annual or 50(70)-year bond ID [Sv];

C_{V52}^r - area activity or radio nuclide r on irrigated land [$Bq.m^{-2}$];

U_{V5} - duration of stay on irrigated land [s];

$R_S^{r,j}$ - dose radiation factor from contaminated earth surface [$Sv.m^2.Bq^{-1}.s^{-1}$];

λ_r a λ_o - decay constant or velocity of radio nuclides removal from the soil [s^{-1}];

t – time [s]: 1 year in case of annual doses; 50(70) years in case of 50(70)-year ID bond;

Internal radiation caused by ingestion of potable water is calculated:

$$H_{V9}^{a,r,j} = A_{V9}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{V9}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue j of individual of the age category a caused by radio nuclide r by internal radiation at ingestion of contaminated potable water - of annual intake or 50(70)-year ID bond [Sv];

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide r on body organ or tissue j of individual of age category a [$Sv.Bq^{-1}$];

$A_{V9}^{a,r}$ - annual intake of radio nuclide with potable water [Bq];

$$A_{V9}^{a,r} = C_{V91}^r U_{V9}^a$$

Where:

C_{V91}^r - volume radio nuclide activity in potable water [$Bq.l^{-1}$];

U_{V9}^a - annual potable water consumption by individual [l];

Internal radiation caused by ingestion of fish is calculated:

$$H_{V4}^{a,r,j} = A_{V4}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{V4}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue j of individual of the age category a caused by radio nuclide r by internal radiation at ingestion of contaminated fish - annual intake or 50(70)-year ID bond [Sv];

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide r on body organ or tissue j of individual of age category a [Sv.Bq⁻¹];

$A_{V4}^{a,r}$ - annual intake of radio nuclide r with fish meat [Bq];

$$A_{V4}^{a,r} = C_{V45}^r U_{V4}^a$$

C_{V45}^r - volume radio nuclide activity r in fish meat [Bq.kg⁻¹];

$$C_{V45}^r = T_{V00,45}^r C_{DX}^r$$

$T_{V00,45}^r$ - coefficient of radio nuclide r transfer from water to fish meat [Bq.kg⁻¹/Bq.l⁻¹];

C_{DX}^r - volume radio nuclide activity r in water [Bq.l⁻¹];

U_{V4}^a - annual consumption of fish meat by individual [kg];

Internal radiation caused by ingestion of meat (milk) of animals fed with contaminated water is calculated:

$$H_{VY}^{a,r,j} = A_{VY}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{VY}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue j of individual of the age category a caused by radio nuclide r by internal radiation at ingestion of meat (milk) of animals fed with contaminated water - annual intake or 50(70)-year ID bond [Sv];

$A_{VY}^{a,r}$ - annual intake of radio nuclide r with meat (milk) [Bq];

Y=7 meat, Y=8 milk;

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide r on body organ or tissue j of individual of age category a [Sv.Bq⁻¹];

$$A_{VY}^{a,r} = C_{VY5}^r U_{VY}^a$$

Where:

C_{VY5}^r - mass radio nuclide r activity in meat (milk) [$Bq.kg^{-1}$], ($[Bq.l^{-1}]$);

U_{VY}^a - annual consumption of meat (milk) by individual [kg] ($[l]$);

Mass activity of radioactive substances in meat (milk) is determined by the following formula:

$$C_{VY5}^r = T_{V00,Y5}^r L_Z C_{DX}^r$$

Where:

C_{VY5}^r - mass radio nuclide r activity in meat (milk) [$Bq.kg^{-1}$], ($[Bq.l^{-1}]$),

$T_{V00,Y5}^r$ - coefficient of radio nuclide r transfer from water to meat (milk) [$Bq.kg^{-1}/Bq.day^{-1}$], ($[Bq.l^{-1}/Bq.day^{-1}]$),

L_Z - water consumption by animals [$l.day^{-1}$],

$Z=7$ service water, $Z=8$ potable water;

C_{DX}^r - volume radio nuclide r activity in water [$Bq.l^{-1}$];

Formulas are used for calculation of doses from meat and milk ingestion from animals fed by contaminated water – service and potable; however, it's necessary to use relevant meat, milk, service and potable water consumption and relevant transfer coefficients! Calculated dose values are added to doses caused by ingestion of meat or milk of animals eating food contaminated by irrigations.

Internal radiation caused by agricultural products contaminated by irrigation is determined using the same formulas as internal radiation caused by ingestion of food contaminated by atmospheric fall-out using the following formula:

$$C_V^r = C_{DX}^r I_5 t_5$$

Where:

C_V^r - monthly or weekly fall-out from irrigation [$Bq.m^{-2}$];

C_{DX}^r - volume radio nuclide r activity in water [$Bq.l^{-1}$];

I_5 - irrigation intensity [$l.m^{-2}.s^{-1}$];

t_5 - irrigation duration [s];

Volume activity of 3H in plants contaminated by irrigation is calculated:

$$C_{V63}^{3H} = C_{DX}^{3H} S_n$$

Where:

C_{DX}^{3H} - volume activity of 3H in water [$Bq.l^{-1}$];

S_n - average water content in plants [$l.kg^{-1}$], (0.751);

2.4.2 Calculation method for collective doses

50(70)-year bond of collective effective or equivalent dose S^c is a time integral of collective effective or equivalent dose input in given body organ or tissue for time spent in the location – i.e., 50 years for adults and 70 years for children:

$$S_{50(70)}^c = \sum_i \sum_k N(x_i, \theta_k) \int_0^{50(70)} \dot{H}(x_i, \theta_k, t) dt$$

Where:

$N(x_i, \theta_k)$ - population in given zone;

$\dot{H}(x_i, \theta_k, t)$ - effective or equivalent dose input in given zone with limits determined by distance i and sector k with width θ_k . [$Sv\ s^{-1}$];

50(70)-year bond of collective effective or equivalent dose is defined as integral of multiplication of average doses in radiated sub-population and number of radiated persons. For external radiation from atmosphere, hydrosphere, internal radiation from inhalation, ingestion of contaminated food and ingestion of potable water and fish it's calculated using the following formula:

$$S_{50(70)}^j = \sum_i S_{i50(70)}^j = \sum_i \sum_a S_{i50(70)}^{a,j} = \sum_i \sum_a \sum_k S_{i,k50(70)}^{a,j}$$

Where:

$S_{50(70)}^j$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population living around the NPP [Sv];

$S_{i50(70)}^j$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population living in sector i [Sv];

$S_{i50(70)}^{a,j}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population a living in sector i [Sv];

$S_{i,k50(70)}^{a,j}$ - 50(70)- year bond of effective or equivalent dose for organ or tissue j for population a living in zone k of sector i [Sv];

$$S_{i,k50(70)}^{a,j} = H_{i,k50(70)}^{a,j} f_{i,k}^a P_i$$

Where:

$H_{i,k50(70)}^{a,j}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for individual of age category a in zone k of sector i [Sv];

$f_{i,k}^a$ - population portion living in zone k of sector i belonging to age category a ;

P_i - population in sector i ;

50(70)-year bond of individual effective or equivalent dose on body organ or tissue j for individual of age category a in zone k of sector i [Sv] is determined according to formulas given in sections DOSES FROM ATMOSPHERE and DOSES FROM HYDROSPHERE above with their time integration from 0 to 50 years (adults) or from 0 to 70 years (infants).

2.5 Spreading of RAS in atmosphere

For continuous spot source, average volume activity (concentration) of radio nuclide r in point (x,y,z) of angular coordinate system oriented so that axis x is identical with the wind direction is determined by the following formula according to straight Gauss spreading model in ground atmosphere layer:

$$C^r(x, y, z) = \frac{Q^r}{2\pi\sigma_y\sigma_z\bar{u}} \exp\left[-\frac{y^2}{2\sigma_y^2}\right] \cdot \left\{ \exp\left[-\frac{(z-h_{ef})^2}{2\sigma_z^2}\right] + \exp\left[-\frac{(z+h_{ef})^2}{2\sigma_z^2}\right] \right\}$$

Where:

$C^r(x,y,z)$ - radio nuclide r concentration in the wind direction in point (x,y,z) , [$Bq\ m^{-3}$];

x - distance from source in the wind direction [m];

y - distance from the cloud axis [m];

z - distance from the earth surface [m];

Q^r - intensity of continuous source of radio nuclide r [$Bq\ s^{-1}$];

σ_y, σ_z - horizontal and vertical dispersion parameter [m];

\bar{u} - average wind velocity [$m\ s^{-1}$];

h_{ef} - effective drag height [m];

2.6 Spreading of RAS in water environment

Calculation of volume activities if RAS discharged in water environment considers only RAS discharge to surface water.

Average volume activity of radio nuclides discharged to flowing water (rivers) for given period (year, month, week) is calculated:

$$\bar{C}_{DV}^r(x) = \frac{A^r}{3,15 \times 10^{10} \bar{Q}_0} \bar{f}_v e^{-\lambda \frac{x}{\bar{v}}}$$

Where:

$\bar{C}_{DV}^r(x)$ - average volume activity of radio nuclide r in river water in distance x [m] from the discharge point [$Bq.l^{-1}$],

A^r - overall activity of radio nuclide r discharged to river for given period [Bq];

\bar{v} - average flow velocity in river [$m.s^{-1}$];

$$3,15 \cdot 10^{10} = 3,15 \cdot 10^7 \text{ s} \times 10^3 \text{ l} \cdot \text{m}^{-3}$$

\bar{Q}_o - average flow rate of liquid discharges [$\text{m}^3 \cdot \text{s}^{-1}$];

\bar{f}_v - average dilution coefficient in river water;

2.7 Spreading of RAS through food chains

Transfer of radio nuclides in food chains after contamination by atmospheric pathway or irrigation is shown on figure 3.5.

Calculation considers transfer of radioactivity through deposition of radio nuclides on leaves of plants, re-suspension of soil elements, and transport of radio nuclides to plants by leaves, transport to plants via roots, contamination of animal production products, and contamination of pork by cesium isotopes.

3. Evaluation of radiological impact of RAS discharges from normal operation

Evaluation of radiological impact of RAS discharges from normal operation of four reactors installed in NPP Mochovce is based on assumption that RAS discharge from operation of four reactors will be twice as RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2. All other data entering program RDEMO are identical for two and four reactors.

Calculations by program RDEMO show that regions with the highest annual IED and 50(70)-year bonds CED are located in ESE direction and NW from the NPP area in direction of predominating winds and in flow direction of the river Hron.

Annual IED for individual zones for age category infants 0-1 year are shown on figures 3.6 and 3.7; distribution is similar of other age categories. 50(70)-year bonds CED for the whole region according to zones are shown on figures 3.8 and 3.9.

These figures show that annual IED and CED bonds are highest in sectors along the river Hron (significant impact of liquid radioactive discharges). Critical zone with permanent residence with the highest annual IED is in ESE direction in 3-5km distance – zone No. 64 with village Nový Tekov.

Calculation results of individual effective doses for zone No. 64 from individual radio nuclides and for various age categories are given in table 3.2 and graph 3.10. Shares of individual radio nuclides (%) on annual IED for individual age categories from atmosphere are given in table 3.3 and from hydrosphere in table 3.4. Annual individual effective and equivalent doses for this zone and age category 0 – 1 year, for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and dose ratio are given in table 3.5. Contributions of individual sources to radiation load on population (shares of individual pathways) for zone 64 and age category infants 0 – 1 year are shown on figure 3.11.

Results show that the highest annual IED is for age category infants 0 – 1 year reaching 0.215 μSv . Annual IED is predominantly contributed to by hydrosphere (95.2%) rather than atmosphere (4.8%). Critical radio nuclide is tritium. Critical exposition pathway for radiation load of individual from this zone is exposition from ingestion of contaminated potable water (93.0% share on exposition pathway) with predominating radio nuclide tritium. Critical pathway for radiation load from atmosphere is exposition from cloud (^{88}Kr , ^{41}Ar) with 3.1% exposition share on IED. Critical body organ is evenly the whole body except for the bone marrow.

Assessment of individual effective doses for zone No. 64 for individual age categories for 2007 year is given in table 3.2a and for 2008 year is given in table 3.2b. *Results show that the*

highest annual IED is for age category infants 0 – 1 year reaching $0.259\mu\text{Sv}$ (2007 year) and $0.295\mu\text{Sv}$ (2008 year). Annual IED is predominantly contributed to by hydrosphere rather than atmosphere. Critical radio nuclide stays tritium with 98 % of share on IED.

Calculation results or 50(70)-year bonds of collective effective doses for zone No. 64 (fixed population 968) from individual radio nuclides for individual age categories are given in table 3.6 and sum – according to age categories – is shown on figure 3.12. Bonds of collective effective and equivalent doses for this zone and age category adults for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 3.7. Contributions from individual sources to radiation load of population (shares of individual pathways) for zone 64 and age category adults for 50(70)-year bonds CED are shown on figure 3.13.

Results show that the highest 50(70)-year bonds CED is for age category “adults” reaching $97.1\text{ man}\mu\text{Sv}$. Critical exposition pathway for radiation load of individual from this zone is exposition from ingestion of contaminated potable water contaminated bank sediments (from hydrosphere) and exposition from the cloud and from food contaminated by fall-out (from atmosphere) Critical radio nuclide is tritium. Critical body organ is evenly the whole body except for the bone marrow.

Assessment of 50(70)-year bonds of collective effective doses for zone No. 64 for individual age categories for 2007 year is given in table 3.6a and for 2008 year in table 3.6b. Results show that the highest 50(70)-year bonds CED is for age category “adults” reaching $151\text{ man}\mu\text{Sv}$ (2007 year) and $172\text{ man}\mu\text{Sv}$ (2008 year).

Calculation results of 50(70)-year bond of CED for all zones (region) are given in table 3.8 and according to age categories on figure 3.14. Percentage shares of individual radio nuclides on CED for all zones and age category adults are given in table 3.9 – from atmosphere and in table 3.10 – from hydrosphere. Bonds of collective effective and equivalent doses for all zones, various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 3.11. Shares of individual radiation pathways for 50(70)-year bonds CED for all zones (complete region) are shown on figure 3.15 –for atmosphere, and 3.16 – for hydrosphere. Their comparison is shown on figure 3.17, whereby ratio between hydrosphere and atmosphere is 88.8 % to 11.2 %. Figure 3.18 shows dependence between CED bond and size of assumed circular territory around NPP Mochovce. *This dependence is very strong for radius 15km from NPP and only moderate for distances above 15km.*

50(70)-year bond of CED for all zones reached 10.71 manmSv . The highest bond CED was reached for group adults – 8.16 manmSv , i.e. 75.11 % of value for the whole region. Critical exposition pathway from hydrosphere is exposition by ingestion of contaminated potable water (critical radio nuclide is tritium ^3H). Critical exposition pathway from atmosphere is exposition from food contaminated by fall-out (critical radio nuclide is radio carbon ^{14}C) and from the cloud (critical radio nuclide is ^{41}Ar). Critical body organ is evenly the whole body.

Assessment of 50(70)-year bond of CED for all zones (region) for 2007 year is given in table 3.8a and for 2008 year in table 3.8b. Results show that 50(70)-year bond of CED for all zones reached 16.67 manmSv (2007 year) and 18.68 manmSv (2008 year). The highest bond CED was reached for group adults 12.99 manmSv (2007 year) and 14.56 manmSv (2008 year), i.e. 78 % of value for the whole region.

4. Evaluation of radiological impact of RAS discharge at reached 100% limit discharge values

Evaluation of radiological impact of RAS discharge on 100% limit value levels from operation of four reactors in NPP Mochovce is based on assumption that limits for RAS

discharge from operation of four reactors will be twice as high as limits for RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2. List of assumed limits and their values is given in table 4.1. All other input data entering program RDEMO are identical for two and four reactors or for normal operation and operation on 100% drawing level for RAS discharge.

Annual IED for individual zones for age category “infants 0 – 1 year” are shown on figures 4.1 and 4.2; distribution is similar of other age categories. 50(70)-year CED bonds for the whole region according to zones are shown on figures 4.3 and 4.4.

Calculations performed by program RDEMO show that regions with the highest values of individual effective doses (IED) and 50(70)-year bonds of CED are found in SE and NW direction from the NPP area in direction of predominating winds and of the river Hron. Zone with calculated maximal IED in the whole region is permanently uninhabited zone located in WNW direction at 0 – 1km distance; zone No. 157 with calculated IED for individual 27.43 μSv would he live here. Permanently habited zone with maximal IED from atmosphere is in WNW direction at 5 – 7km distance – zone No. 161 with the village Nevidzany – calculated IED for individual is 3.62 μSv .

Permanently habited (critical) zone with the highest value of annual IED is in ESE direction at 3 – 5km distance – zone No. 64 with the village Nový Tekov. This is also the zone with maximal IED value from hydrosphere. Data for this (critical) zone No. 64 are described hereunder in details.

Calculation results of individual effective doses for zone No. 64 from individual radio nuclides and for various age categories are given in table 4.3 and graph 4.5. Shares of individual radio nuclides (%) on annual IED for individual age categories from atmosphere are given in table 4.4 and from hydrosphere in table 4.5. Annual individual effective and equivalent doses for this zone and age category 0 – 1 year, for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and dose ratio are given in table 4.6. Contributions of individual sources to radiation load on population (shares of individual pathways) for zone 64 and age category infants 0 – 1 year are shown on figure 4.6.

Results show that the highest annual IED is for age category infants 0 – 1 year reaching 4.47 μSv . Annual IED is predominantly contributed to by atmosphere (93.0%) rather than hydrosphere (7.0%). Critical exposition pathway for radiation load of individual from this zone is exposition from the cloud (74.4% share on exposition pathway) caused by radioactive noble gases (^{88}Kr , ^{87}Kr , ^{135}Xe), followed by exposition from deposit (16.3% share on exposition pathway; critical radio nuclides $^{110\text{m}}\text{Ag}$, ^{60}Co) and exposition from ingestion of contaminated potable water (5.3 % share on exposition pathway; critical radio nuclide is tritium). Critical body organ is evenly the whole body.

Calculation results or 50(70)-year bonds of collective effective doses for zone No. 64 (fixed population 968) from individual radio nuclides for individual age categories are given in table 4.7 and sum – according to age categories – is shown on figure 4.7. Bonds of collective effective and equivalent doses for this zone and age category adults for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 4.8. Contributions from individual sources to radiation load of population (shares of individual pathways) for zone 64 and age category adults for 50(70)-year bonds CED shown on figure 4.8.

Results show that the highest 50(70)-year bonds CED is for age category “adults” reaching 4.16manmSv. Critical exposition pathway for radiation load of individual from this zone is exposition from the cloud (58.0% share on exposition pathway), followed by exposition from deposit (35.8% share on exposition pathway), exposition from ingestion of contaminated potable water (2.4 %) and exposition from contaminated bank sediments (2.2%). Critical radio

nuclides are radioactive noble gases (^{88}Kr , ^{87}Kr , ^{135}Xe) and ^{60}Co , $^{110\text{m}}\text{Ag}$. Critical body organ is evenly the whole body.

Calculation results of 50(70)-year bond of CED for all zones (region) are given in table 4.9 and according to age categories on figure 4.9. Percentage shares of individual radio nuclides on CED for all zones and age category adults are given in table 4.10 – from atmosphere and in table 4.11 – from hydrosphere. Bonds of collective effective and equivalent doses for all zones, various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 4.12. Shares of individual radiation pathways for 50(70)-year bonds CED for all zones (complete region) are shown on figure 4.10 –for atmosphere, and 4.11 – for hydrosphere. Their mutual share is shown on figure 4.12 *with significant predominance of atmosphere above hydrosphere: 92.5% : 4.8%*. Figure 4.13 shows dependence between CED bond and size of assumed circular territory around NPP Mochovce. *This dependence is very strong for radius 15km from NPP; less strong from 15 – 30km and only moderate for distances above 30km.*

50(70)-year bond of CED for all zones reached 465.3manmSv. The highest bond CED was reached for group adults – 349.0manmSv, i.e. 75 % of value for the whole region. Critical exposition pathway from atmosphere is exposition from deposit (critical radio nuclides ^{60}Co , $^{110\text{m}}\text{Ag}$) and from cloud (critical radio nuclides ^{88}Kr , ^{135}Xe , ^{87}K). Critical exposition pathway from hydrosphere is exposition by ingestion of contaminated potable water (critical radio nuclide is tritium ^3H) and by stay on irrigated land – sunbathing (critical radio nuclides ^{137}Cs , ^{60}Co , $^{110\text{m}}\text{Ag}$, ^{134}Cs). Critical body organ is evenly the whole body.

5. Conclusion

Submitted analysis of RAS discharge from normal operation of four reactors on NPP Mochovce into environment shows that **the highest value of annual individual effective dose for individual from the critical group was calculated in ESE direction in zone No. 64, village Nový Tekov and reached the following values for age categories:**

	2006 year	2007 year	2008 year
• infants	0.215 μSv	0.259 μSv	0.295 μSv
• adults	0.131 μSv	0.206 μSv	0.235 μSv

50(70)-year bond CED for critical population group in zone 64 (population 968) reached:

	2006 year	2007 year	2008 year
• adults	0.097 manmSv	0.151 manmSv	0.172 manmSv

Value of 50(70)-year bond CED for the whole region (population approx. 1.2mil) reached:

	2006 year	2007 year	2008 year
• for all region	10.7 manmSv	16.7 manmSv	18.7 manmSv

It's necessary to point out that above mentioned values are calculated for assumed discharge of RAS from NORMAL operation of four reactors installed in NPP Mochovce which are only a fraction of assumed limit values for operation of four reactors.

When assuming RAS discharge on 100% LIMIT VALUES level, operation of four reactors installed in NPP Mochovce would have the following impact on surrounding population: **the highest value of annual individual effective dose for individual from the**

critical group was calculated in ESE direction in zone No. 64, village Nový Tekov and reached the following values for age categories:

- **infants** **4.47 μ Sv**
- **adults** **4.30 μ Sv**

50(70)-year bond CED for critical population group in zone 64 (population 968) reached:

- **adults** **4.16 manmSv**

Value of 50(70)-year bond CED for the whole region (population approx. 1.2mil) reached:

- **for all region** **465.3 manmSv**

Above mentioned values are summarized in table 5.1.

The Governmental order of SR No. 345/2006 Coll. provides that RAS can be discharged from nuclear installations also to the air and surface water subject to provision that effective doses in relevant critical population group won't exceed $250\mu\text{Sv}/\text{calendar year}$ due to these discharges. This value is considered for limit value for designing and construction of nuclear installations. In case of several nuclear facilities constructed in one location, which affect population doses in the same critical group, this value applies to overall radiation from all nuclear facilities in given location or region.

Considering public health protection, calculated maximal value of annual effective individual dose ($4.47\mu\text{Sv}$) is sufficiently low (1.8% of limit value $250\mu\text{Sv}/\text{calendar year}$) compared with determined limit value for critical population group ($250\mu\text{Sv}$) – figure 5.1.

Calculated maximal value of annual IED is several times lower (0.18% of radiation background) than radiation load of world population caused by natural background – table 5.2. According to Report published by UNSCEAR in year 2000, average dose valid from natural background is $2.4\text{mSv}/\text{year}$. Figure 5.2 compares impact of RAS discharges from four reactors installed in NPP Mochovce with doses received by individual from natural background.

Calculated results prove that radiological impact on population caused by RAS discharge from normal operation or operation on 100% limit values for RAS discharges from four reactors installed in NPP Mochovce will be sufficiently low below the limit value for designing and construction of nuclear facilities.

6. Bibliography

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Explanation to tables:

Rádionuklid – radio nuclide

Atmosféra – atmosphere

Hydrosféra – hydrosphere

Súčet – total

Dospelí – adults

Aktivita - activity

KED – CED

Veková kategória – age category

Tab. 3.1: List of radio nuclides and their activities for 2006 year

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	5,810E+11	2,046E+13
C-14 CO2	2,364E+10	0,000E+00
C-14 CnHm	4,516E+11	0,000E+00
Ar-41	3,260E+12	0,000E+00
Cr-51	3,502E+06	1,104E+07
Mn-54	3,156E+06	2,208E+06
Fe-59	6,894E+05	2,098E+06
Co-57	6,720E+04	8,842E+05
Co-58	4,048E+06	1,604E+06
Co-60	3,950E+06	2,458E+06
Zn-65	3,098E+05	2,134E+06
Se-75	2,444E+05	0,000E+00
Kr-85m	6,600E+10	0,000E+00
Kr-85	1,162E+11	0,000E+00
Kr-87	2,340E+11	0,000E+00
Kr-88	2,180E+11	0,000E+00
Sr-89	3,054E+03	1,272E+04
Sr-90	1,237E+04	3,820E+04
Zr-95	9,388E+05	1,973E+06
Nb-95	7,660E+05	1,328E+06
Ru-103	1,939E+05	1,286E+06
Rh-106	3,646E+05	3,110E+06
Ag-110m	1,856E+07	1,151E+07
Sb-124	8,648E+05	1,611E+06
I-131 plyn	6,940E+05	0,000E+00
I-131 aerosol	1,659E+05	2,688E+06
Xe-131m	1,110E+12	0,000E+00
Xe-133m	2,080E+11	0,000E+00
Xe-133	3,360E+11	0,000E+00
Xe-135	5,740E+11	0,000E+00
Cs-134	1,171E+05	2,466E+06
Cs-137	2,664E+05	8,320E+06
Ce-141	1,438E+05	2,038E+06
Ce-144	5,134E+05	6,700E+06
Hf-181	1,620E+05	0,000E+00
Pu-238	7,042E+02	3,100E+03
Pu-239	5,302E+02	2,544E+03
Pu-240	5,302E+02	2,544E+03
Am-241	7,980E+03	5,732E+04

Tab. 3.2a: List of radio nuclides and their activities for 2007 year

Rádionuklid	Atmosféra	Hydrosféra
	[Bq]	[Bq]
H-3	6,049E+11	1,492E+13
CO2-anorg.	4,489E+10	0,000E+00
CnHm-org.	7,980E+11	0,000E+00
Ar-41	2,686E+12	0,000E+00
Kr-85	1,041E+12	0,000E+00
Kr-85m	5,738E+10	0,000E+00
Kr-87	9,265E+10	0,000E+00
Kr-88	9,099E+10	0,000E+00
Xe-131m	2,301E+11	0,000E+00
Xe-133	3,866E+11	0,000E+00
Xe-133m	4,631E+10	0,000E+00
Xe-135	7,502E+11	0,000E+00
I-131 aer.	3,976E+05	1,114E+06
I-131 ply.	1,997E+07	0,000E+00
I-133	3,382E+06	0,000E+00
Sc-46	5,260E+04	0,000E+00
Cr-51	3,227E+06	4,413E+06
Mn-54	1,752E+06	1,783E+06
Fe-59	3,952E+05	7,866E+05
Co-57	2,943E+04	3,704E+05
Co-58	1,897E+06	1,333E+06
Co-60	2,809E+06	1,742E+06
Zn-65	1,295E+05	7,657E+05
Se-75	7,251E+04	0,000E+00
Zr-95	5,296E+05	7,587E+05
Nb-95	5,420E+05	5,876E+05
Ru-103	7,158E+04	4,551E+05
Rh-106	1,455E+05	1,127E+06
Ag-110m	7,449E+06	3,477E+06
Sb-122	3,510E+05	0,000E+00
Sb-124	5,154E+05	7,211E+05
Cs-134	4,639E+04	8,776E+05
Cs-137	1,294E+05	1,938E+06
Ce-141	6,240E+04	8,547E+05
Ce-144	2,306E+05	2,873E+06
Hf-181	1,099E+05	0,000E+00
Sr-89	1,820E+03	8,427E+03
Sr-90	6,807E+03	1,563E+04
Pu-238	3,332E+02	3,770E+02
Pu-239+240	6,598E+02	4,345E+03
Am-241	1,135E+03	9,065E+03

Tab. 3.3b: List of radio nuclides and their activities for 2008 year

Rádionuklid	Atmosféra	Hydrosféra
	[Bq]	[Bq]
H-3	1,168E+12	1,571E+13
CO2-anorg.	3,786E+10	0,000E+00
CnHm-org.	6,576E+11	0,000E+00
Ar-41	1,736E+12	0,000E+00
Kr-85	7,747E+11	0,000E+00
Kr-85m	1,812E+10	0,000E+00
Kr-87	5,750E+10	0,000E+00
Kr-88	5,585E+10	0,000E+00
Xe-131m	1,564E+11	0,000E+00
Xe-133	5,133E+10	0,000E+00
Xe-133m	3,099E+10	0,000E+00
Xe-135	1,533E+11	0,000E+00
I-131 aer.	7,170E+04	8,927E+05
I-131 ply.	2,963E+05	0,000E+00
I-133	2,191E+06	0,000E+00
Sc-46	5,250E+04	0,000E+00
Cr-51	1,472E+06	3,711E+06
Mn-54	1,333E+06	1,245E+06
Fe-59	2,649E+05	6,822E+05
Co-57	3,094E+04	3,163E+05
Co-58	1,634E+06	1,161E+06
Co-60	2,553E+06	1,639E+06
Zn-65	1,272E+05	6,617E+05
Se-75	6,689E+04	0,000E+00
Zr-95	3,681E+05	6,276E+05
Nb-95	3,415E+05	4,512E+05
Ru-103	6,014E+04	3,917E+05
Rh-106	1,443E+05	9,842E+05
Ag-110m	7,118E+06	5,382E+06
Sb-122	2,643E+05	0,000E+00
Sb-124	3,560E+05	6,522E+05
Cs-134	4,726E+04	2,064E+06
Cs-137	1,039E+05	3,642E+06
Ce-141	6,279E+04	7,248E+05
Ce-144	2,334E+05	2,477E+06
Hf-181	1,403E+05	0,000E+00
Sr-89	1,896E+03	6,087E+03
Sr-90	1,240E+04	1,722E+04
Pu-238	8,062E+02	2,306E+03
Pu-239+240	2,620E+03	2,528E+04
Am-241	1,453E+02	1,480E+03

Tab. 3.4: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2006 year [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,04E-07	1,53E-07	1,40E-07	1,04E-07	8,17E-08	1,16E-07
C-14	3,30E-09	6,00E-09	6,09E-09	6,53E-09	5,77E-09	6,29E-09
AR-41	5,41E-09	5,41E-09	5,41E-09	5,41E-09	5,41E-09	5,41E-09
CR-51	2,15E-12	1,92E-12	1,82E-12	1,71E-12	1,63E-12	1,80E-12
MN-54	4,55E-11	4,49E-11	4,47E-11	4,45E-11	4,42E-11	4,54E-11
FE-59	1,19E-12	8,71E-13	8,75E-13	8,10E-13	7,09E-13	1,32E-12
CO-57	2,87E-12	2,78E-12	2,76E-12	2,73E-12	2,70E-12	2,70E-12
CO-58	1,70E-11	1,67E-11	1,66E-11	1,64E-11	1,63E-11	1,64E-11
CO-60	2,07E-10	2,00E-10	1,99E-10	1,98E-10	1,96E-10	1,95E-10
ZN-65	2,60E-11	1,21E-11	1,19E-11	9,59E-12	6,63E-12	3,78E-11
SE-75	9,48E-14	9,54E-14	9,58E-14	9,55E-14	9,54E-14	9,51E-14
KR-85M	1,62E-11	1,62E-11	1,62E-11	1,62E-11	1,62E-11	1,62E-11
KR-85	4,77E-13	4,77E-13	4,77E-13	4,77E-13	4,77E-13	4,77E-13
KR-87	2,39E-10	2,39E-10	2,39E-10	2,39E-10	2,39E-10	2,39E-10
KR-88	6,34E-10	6,34E-10	6,34E-10	6,34E-10	6,34E-10	6,34E-10
SR-89	3,71E-14	1,85E-14	1,33E-14	8,76E-15	6,04E-15	7,34E-15
SR-90	1,78E-12	8,30E-13	6,22E-13	1,36E-12	1,63E-12	7,42E-13
ZR-95	1,26E-11	1,26E-11	1,26E-11	1,25E-11	1,24E-11	1,25E-11
NB-95	4,82E-13	6,99E-13	6,84E-13	6,39E-13	5,69E-13	4,50E-11
RU-103	3,99E-12	4,42E-12	4,30E-12	4,24E-12	4,06E-12	4,08E-12
RH-106	2,44E-20	2,44E-20	2,44E-20	2,44E-20	2,44E-20	2,44E-20
AG-110M	1,94E-10	1,31E-10	1,28E-10	1,11E-10	9,27E-11	8,62E-11
SB-124	9,29E-13	9,40E-13	9,44E-13	9,44E-13	9,45E-13	9,38E-13
I-131E	3,38E-14	3,49E-14	3,55E-14	3,47E-14	3,45E-14	3,33E-14
I-131O	6,77E-15	8,80E-15	9,81E-15	8,36E-15	8,00E-15	5,89E-15
I-131A	7,60E-11	7,32E-11	6,13E-11	3,25E-11	2,07E-11	1,88E-11
XE-131M	1,26E-11	1,26E-11	1,26E-11	1,26E-11	1,26E-11	1,26E-11
XE-133M	9,82E-12	9,82E-12	9,82E-12	9,82E-12	9,82E-12	9,82E-12
XE-133	1,80E-11	1,80E-11	1,80E-11	1,80E-11	1,80E-11	1,80E-11
XE-135	2,30E-10	2,30E-10	2,30E-10	2,30E-10	2,30E-10	2,30E-10
CS-134	1,15E-10	1,13E-10	1,14E-10	1,16E-10	1,18E-10	2,98E-10
CS-137	1,87E-10	1,85E-10	1,84E-10	2,01E-10	2,04E-10	6,17E-10
CE-141	1,11E-12	9,93E-13	9,48E-13	8,89E-13	8,54E-13	8,59E-13
CE-144	1,19E-11	8,51E-12	7,19E-12	5,78E-12	4,91E-12	5,01E-12
HF-181	3,25E-14	3,38E-14	3,46E-14	3,48E-14	3,56E-14	3,44E-14
PU-238	4,51E-14	8,20E-14	1,28E-13	1,47E-13	1,89E-13	2,07E-13
PU-239	3,50E-14	6,43E-14	1,03E-13	1,21E-13	1,55E-13	1,70E-13
PU-240	3,54E-14	6,46E-14	1,04E-13	1,21E-13	1,56E-13	1,70E-13
AM-241	4,98E-13	8,72E-13	1,32E-12	1,52E-12	1,99E-12	2,09E-12
Hydrosféra	2,04E-07	1,53E-07	1,41E-07	1,05E-07	8,19E-08	1,17E-07
Atmosféra	1,03E-08	1,32E-08	1,33E-08	1,37E-08	1,29E-08	1,34E-08
Suma	2,15E-07	1,66E-07	1,54E-07	1,18E-07	9,48E-08	1,31E-07

Tab. 3.5a: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2007 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Hydrosféra	2,53E-07	1,90E-07	2,19E-07	1,63E-07	1,27E-07	1,98E-07
Atmosféra	5,52E-09	7,70E-09	7,79E-09	8,12E-09	7,50E-09	7,91E-09
Suma	2,59E-07	1,98E-07	2,27E-07	1,71E-07	1,35E-07	2,06E-07

Tab. 3.6b: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2008 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Hydrosféra	2,88E-07	2,16E-07	2,50E-07	1,85E-07	1,45E-07	2,26E-07
Atmosféra	6,21E-09	9,23E-09	9,38E-09	9,79E-09	8,94E-09	9,47E-09
Suma	2,95E-07	2,26E-07	2,59E-07	1,95E-07	1,54E-07	2,35E-07

Tab. 3.7: Share of individual radio nuclides on annual IED for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	3,51	3,75	3,92	3,53	3,44	3,29
C-14	31,98	45,60	45,91	47,76	44,84	46,98
AR-41	52,38	41,14	40,75	39,56	42,01	40,40
CR-51	0,00	0,00	0,00	0,00	0,00	0,00
MN-54	0,03	0,03	0,03	0,02	0,03	0,02
FE-59	0,00	0,00	0,00	0,00	0,00	0,00
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,02	0,02	0,02	0,01	0,02	0,01
CO-60	0,16	0,13	0,13	0,12	0,13	0,12
ZN-65	0,00	0,00	0,00	0,00	0,00	0,00
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,16	0,12	0,12	0,12	0,13	0,12
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	2,31	1,81	1,80	1,75	1,85	1,78
KR-88	6,14	4,83	4,78	4,64	4,93	4,74
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,00	0,00	0,00	0,00	0,00	0,00
ZR-95	0,00	0,00	0,00	0,00	0,00	0,00
NB-95	0,00	0,00	0,00	0,00	0,00	0,00
RU-103	0,00	0,00	0,00	0,00	0,00	0,00
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	0,66	0,49	0,48	0,46	0,48	0,46
SB-124	0,01	0,01	0,01	0,00	0,01	0,01
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,00	0,00	0,00	0,00	0,00	0,00
XE-131M	0,12	0,10	0,09	0,09	0,10	0,09
XE-133M	0,10	0,07	0,07	0,07	0,08	0,07
XE-133	0,17	0,14	0,14	0,13	0,14	0,13
XE-135	2,22	1,75	1,73	1,68	1,78	1,72
CS-134	0,00	0,00	0,00	0,00	0,00	0,00
CS-137	0,00	0,00	0,00	0,00	0,01	0,01
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,00	0,00	0,00	0,00	0,00	0,00
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,01	0,01	0,01	0,02	0,02
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 3. 8: Share of individual radio nuclides on annual IED from hydrosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	99,60	99,53	99,50	99,36	99,22	98,89
C-14	0,00	0,00	0,00	0,00	0,00	0,00
AR-41	0,00	0,00	0,00	0,00	0,00	0,00
CR-51	0,00	0,00	0,00	0,00	0,00	0,00
MN-54	0,02	0,03	0,03	0,04	0,05	0,04
FE-59	0,00	0,00	0,00	0,00	0,00	0,00
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,01	0,01	0,01	0,01	0,02	0,01
CO-60	0,09	0,12	0,13	0,17	0,22	0,15
ZN-65	0,01	0,01	0,01	0,01	0,01	0,03
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,00	0,00	0,00	0,00	0,00	0,00
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	0,00	0,00	0,00	0,00	0,00	0,00
KR-88	0,00	0,00	0,00	0,00	0,00	0,00
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,00	0,00	0,00	0,00	0,00	0,00
ZR-95	0,01	0,01	0,01	0,01	0,01	0,01
NB-95	0,00	0,00	0,00	0,00	0,00	0,04
RU-103	0,00	0,00	0,00	0,00	0,00	0,00
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	0,06	0,04	0,05	0,05	0,04	0,02
SB-124	0,00	0,00	0,00	0,00	0,00	0,00
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,04	0,05	0,04	0,03	0,03	0,02
XE-131M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133	0,00	0,00	0,00	0,00	0,00	0,00
XE-135	0,00	0,00	0,00	0,00	0,00	0,00
CS-134	0,06	0,07	0,08	0,11	0,14	0,25
CS-137	0,09	0,12	0,13	0,19	0,25	0,53
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,01	0,01	0,01	0,01	0,01	0,00
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,00	0,00	0,00	0,00	0,00
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 3.9: Annual individual effective and equivalent doses in zone 64, age category 0 – 1 year

Expozíčná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,77E-12	1,99E-12	1,81E-12	1,17E-12	1,70E-12	2,73E-12	1,81E-12	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	5,34E-10	5,99E-10	5,24E-10	1,80E-10	4,92E-10	6,79E-10	5,28E-10	0,2
Expozícia z pobytu na zavlaž. pôde	[Sv]	3,09E-17	3,49E-17	3,08E-17	1,96E-17	2,93E-17	4,07E-17	3,16E-17	0,0
Expozícia z ingescie kontamin. vody	[Sv]	6,15E-07	8,01E-11	6,14E-07	6,16E-07	6,15E-07	6,14E-07	2,00E-07	93,0
Expozícia z ingescie kontamin. rýb	[Sv]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,0
Expozícia z potravín kontam. zavlaž.	[Sv]	1,27E-08	2,69E-10	1,26E-08	1,31E-08	1,28E-08	1,24E-08	4,18E-09	1,9
Hydrosféra	[Sv]	6,28E-07	9,50E-10	6,28E-07	6,30E-07	6,28E-07	6,27E-07	2,04E-07	
Hydrosféra	[%]	98,3	7,7	98,2	98,2	98,1	98,2		95,2
Expozícia z oblaku	[Sv]	5,97E-09	7,04E-09	6,59E-09	6,14E-09	6,81E-09	1,04E-08	6,57E-09	3,1
Expozícia z depozitu	[Sv]	7,87E-11	9,01E-11	8,08E-11	6,56E-11	7,80E-11	1,06E-10	8,26E-11	0,0
Expozícia z inhalácie	[Sv]	8,42E-11	1,87E-12	1,09E-10	8,56E-11	8,37E-11	8,33E-11	2,88E-10	0,1
Expozícia z potravín kontam. spadom	[Sv]	4,99E-09	4,30E-09	4,98E-09	4,97E-09	5,00E-09	6,75E-10	3,39E-09	1,6
Atmosféra	[Sv]	1,11E-08	1,14E-08	1,18E-08	1,13E-08	1,20E-08	1,13E-08	1,03E-08	
Atmosféra	[%]	1,7	92,3	1,8	1,8	1,9	1,8		4,8
SUMA	[Sv]	6,39E-07	1,24E-08	6,39E-07	6,41E-07	6,40E-07	6,39E-07	2,15E-07	100,0

*Expozícia – exposition**... z kúpania ... - at swimming or sailing**... z kontaminovaných ... - by contaminated bank sediments**... z pobytu ... - from stay at irrigated land**... z ingescie kontaminovanej... - from ingestion of contaminated potable water**... z ingescie kontaminovaných rýb – from ingestion of contaminated fish**... z ingescie potravín... - from ingestion of food contaminated by irrigations**... z oblaku – from cloud**... z depozitu – from deposit**... z inhalácie – from inhalation**... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out*

Tab. 3. 10: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2006 year [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	1,97E-06	1,48E-06	6,80E-06	9,09E-06	7,12E-06	8,44E-05
C-14	3,20E-08	5,80E-08	2,95E-07	5,69E-07	5,03E-07	4,57E-06
AR-41	5,24E-08	5,24E-08	2,62E-07	4,71E-07	4,71E-07	3,93E-06
CR-51	2,08E-11	1,86E-11	8,82E-11	1,49E-10	1,42E-10	1,31E-09
MN-54	7,78E-10	7,72E-10	3,85E-09	6,91E-09	6,89E-09	5,83E-08
FE-59	1,15E-11	8,44E-12	4,24E-11	7,06E-11	6,18E-11	9,59E-10
CO-57	4,44E-11	4,35E-11	2,16E-10	3,87E-10	3,84E-10	3,21E-09
CO-58	1,69E-10	1,66E-10	8,26E-10	1,47E-09	1,46E-09	1,22E-08
CO-60	1,51E-08	1,51E-08	7,54E-08	1,36E-07	1,35E-07	1,13E-06
ZN-65	2,60E-10	1,26E-10	6,20E-10	9,14E-10	6,57E-10	2,81E-08
SE-75	1,04E-12	1,05E-12	5,25E-12	9,44E-12	9,43E-12	7,83E-11
KR-85M	1,57E-10	1,57E-10	7,83E-10	1,41E-09	1,41E-09	1,17E-08
KR-85	4,61E-12	4,61E-12	2,31E-11	4,15E-11	4,15E-11	3,46E-10
KR-87	2,31E-09	2,31E-09	1,16E-08	2,08E-08	2,08E-08	1,73E-07
KR-88	6,14E-09	6,14E-09	3,07E-08	5,53E-08	5,53E-08	4,61E-07
SR-89	3,59E-13	1,79E-13	6,42E-13	7,63E-13	5,27E-13	5,33E-12
SR-90	1,73E-11	8,03E-12	3,01E-11	1,18E-10	1,42E-10	5,39E-10
ZR-95	1,24E-10	1,24E-10	6,19E-10	1,11E-09	1,11E-09	9,22E-09
NB-95	4,67E-12	6,77E-12	3,31E-11	5,56E-11	4,96E-11	3,27E-08
RU-103	3,87E-11	4,29E-11	2,09E-10	3,70E-10	3,54E-10	2,97E-09
RH-106	2,36E-19	2,36E-19	1,18E-18	2,13E-18	2,13E-18	1,77E-17
AG-110M	2,24E-09	1,63E-09	7,97E-09	1,29E-08	1,13E-08	8,94E-08
SB-124	9,11E-12	9,22E-12	4,63E-11	8,33E-11	8,34E-11	6,90E-10
I-131E	3,27E-13	3,38E-13	1,72E-12	3,02E-12	3,00E-12	2,42E-11
I-131O	6,55E-14	8,51E-14	4,75E-13	7,28E-13	6,97E-13	4,28E-12
I-131A	7,36E-10	7,08E-10	2,97E-09	2,83E-09	1,80E-09	1,36E-08
XE-131M	1,22E-10	1,22E-10	6,10E-10	1,10E-09	1,10E-09	9,14E-09
XE-133M	9,50E-11	9,50E-11	4,75E-10	8,55E-10	8,55E-10	7,13E-09
XE-133	1,74E-10	1,74E-10	8,69E-10	1,56E-09	1,56E-09	1,30E-08
XE-135	2,22E-09	2,22E-09	1,11E-08	2,00E-08	2,00E-08	1,67E-07
CS-134	3,22E-09	3,19E-09	1,60E-08	2,90E-08	2,92E-08	3,74E-07
CS-137	1,78E-08	1,78E-08	8,90E-08	1,62E-07	1,62E-07	1,64E-06
CE-141	1,07E-11	9,61E-12	4,59E-11	7,75E-11	7,44E-11	6,24E-10
CE-144	1,39E-10	1,06E-10	4,68E-10	7,20E-10	6,44E-10	5,44E-09
HF-181	3,15E-13	3,28E-13	1,68E-12	3,04E-12	3,11E-12	2,51E-11
PU-238	4,52E-13	8,12E-13	6,29E-12	1,30E-11	1,67E-11	1,52E-10
PU-239	3,50E-13	6,35E-13	5,07E-12	1,07E-11	1,37E-11	1,24E-10
PU-240	5,66E-13	8,51E-13	6,15E-12	1,26E-11	1,56E-11	1,36E-10
AM-241	5,12E-12	8,77E-12	6,58E-11	1,36E-10	1,77E-10	1,54E-09
Súčet	2,11E-06	1,64E-06	7,61E-06	1,06E-05	8,54E-06	9,71E-05

Tab. 3. 11a: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2007 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Suma	2,52E-06	1,93E-06	1,11E-05	1,50E-05	1,19E-05	1,51E-04

Tab. 3. 12b: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2008 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Suma	2,87E-06	2,20E-06	1,26E-05	1,71E-05	1,36E-05	1,72E-04

Tab. 3.13: 50(70)-year bonds of collective effective and equivalent doses in zone 64, age category - adults

Expozíčná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,28E-09	1,45E-09	1,31E-09	8,49E-10	1,23E-09	1,98E-09	1,32E-09	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	2,68E-06	3,01E-06	2,67E-06	9,95E-07	2,52E-06	3,41E-06	2,66E-06	2,7
Expozícia z pobytu na zavlaž. pôde	[Sv]	9,08E-14	1,02E-13	9,07E-14	4,34E-14	8,59E-14	1,17E-13	9,12E-14	0,0
Expozícia z ingescie kontamin. vody	[Sv]	7,82E-05	1,08E-08	7,82E-05	7,84E-05	7,82E-05	7,82E-05	8,28E-05	85,3
Expozícia z ingescie kontamin. rýb	[Sv]	9,76E-07	4,61E-07	8,83E-07	9,10E-07	8,93E-07	4,37E-07	9,55E-07	1,0
Expozícia z potravín kontam. zavlaž.	[Sv]	8,18E-07	3,67E-08	8,06E-07	8,42E-07	8,26E-07	7,73E-07	8,63E-07	0,9
Hydrosféra	[Sv]	8,27E-05	3,52E-06	8,25E-05	8,12E-05	8,24E-05	8,28E-05	8,73E-05	
Hydrosféra	[%]	90,2	27,0	89,7	90,0	89,6	91,2		89,9
Expozícia z oblaku	[Sv]	4,33E-06	5,11E-06	4,79E-06	4,46E-06	4,95E-06	7,54E-06	4,77E-06	4,9
Expozícia z depozitu	[Sv]	1,58E-07	1,86E-07	1,72E-07	1,45E-07	1,68E-07	2,16E-07	1,70E-07	0,2
Expozícia z inhalácie	[Sv]	4,21E-08	2,83E-09	5,40E-08	4,24E-08	4,14E-08	4,08E-08	3,07E-07	0,3
Expozícia z potravín kontam. spadom	[Sv]	4,42E-06	4,22E-06	4,42E-06	4,42E-06	4,42E-06	2,00E-07	4,58E-06	4,7
Atmosféra	[Sv]	8,95E-06	9,52E-06	9,43E-06	9,06E-06	9,58E-06	8,00E-06	9,83E-06	
Atmosféra	[%]	9,8	73,0	10,3	10,0	10,4	8,8		10,1
SUMA	[Sv]	9,16E-05	1,30E-05	9,20E-05	9,02E-05	9,20E-05	9,08E-05	9,71E-05	100,0

Expozícia – exposition... *pri kúpaní ... - at swimming or sailing*... *z kontaminovaných ... - by contaminated bank sediments*... *z pobytu ... - from stay at irrigated land*... *z ingescie kontaminovanej... - from ingestion of contaminated potable water*... *z ingescie kontaminovaných rýb – from ingestion of contaminated fish*... *z ingescie potravín... - from ingestion of food contaminated by irrigations*... *z oblaku – from cloud*... *z depozitu – from deposit*... *z inhalácie – from inhalation*... *z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out*

Tab. 3. 14: 50(70)-year CED for all zones for 2006 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,17	0,14	0,64	0,89	0,71	8,16	10,71
KD	[%]	1,63	1,28	5,95	8,31	6,72	76,11	100,00

Tab. 3. 15a: 50(70)-year CED for all zones for 2007 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,21	0,17	0,95	1,31	1,04	12,99	16,67
KD	[%]	1,27	1,00	5,70	7,84	6,24	77,96	100,00

Tab. 3. 16b: 50(70)-year CED for all zones for 2008 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,24	0,19	1,06	1,46	1,16	14,56	18,68
KD	[%]	1,28	1,00	5,70	7,82	6,20	78,00	100,00

Tab. 3. 17: Share of individual radio nuclides on 50(70)-year CED bonds from atmosphere for age category "adults" for all zones

Rádionuklid	KED [Sv]	[%]
C 14	5,96E-04	65,487
AR 41	1,99E-04	21,854
H 3	4,15E-05	4,557
KR 88	2,83E-05	3,106
XE 135	1,40E-05	1,542
CO 60	1,08E-05	1,186
AG 110M	8,05E-06	0,885
KR 87	7,25E-06	0,796
XE 133	1,31E-06	0,144
XE 131M	9,29E-07	0,102
KR 85M	8,40E-07	0,092
XE 133M	7,02E-07	0,077
MN 54	4,98E-07	0,055
CS 137	3,04E-07	0,033
AM 241	1,95E-07	0,021
CO 58	1,75E-07	0,019
CS 134	7,81E-08	0,009
SB 124	5,83E-08	0,006
KR 85	3,54E-08	0,004
ZN 65	2,99E-08	0,003
ZR 95	2,97E-08	0,003
FE 59	2,24E-08	0,002
PU 238	1,87E-08	0,002
CM 245	1,77E-08	0,002
PU 240	1,53E-08	0,002
PU 239	1,53E-08	0,002
NB 95	1,32E-08	0,001
CE 144	1,26E-08	0,001
SE 75	9,10E-09	0,001
Súčet	9,10E-04	100,0

Tab. 3.18: Share of radio nuclides on 50(70)-year CED bonds from hydrosphere for age category "adults" for all zones

Rádionuklid	KED [Sv]	[%]
H 3	6,98E-03	96,307
CS 137	1,36E-04	1,873
CO 60	8,57E-05	1,183
CS 134	3,10E-05	0,427
MN 54	4,48E-06	0,062
NB 95	2,71E-06	0,037
ZN 65	2,31E-06	0,032
AG 110M	1,65E-06	0,023
I 131A	1,12E-06	0,015
CO 58	8,90E-07	0,012
ZR 95	7,43E-07	0,01
CE 144	4,43E-07	0,006
CO 57	2,65E-07	0,004
RU 103	2,44E-07	0,003
CR 51	1,07E-07	0,001
Súčet	7,25E-03	100,0

Tab. 3.19: 50(70)-year bonds of collective effective and equivalent doses for all zones

Expozíčná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,42E-07	1,60E-07	1,45E-07	9,39E-08	1,36E-07	2,19E-07	1,46E-07	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	2,97E-04	3,34E-04	2,96E-04	1,10E-04	2,79E-04	3,78E-04	2,95E-04	2,8
Expozícia z pobytu na zavlaž. pôde	[Sv]	1,01E-11	1,13E-11	1,01E-11	4,80E-12	9,51E-12	1,30E-11	1,01E-11	0,0
Expozícia z ingescie kontamin. vody	[Sv]	1,07E-02	1,45E-06	1,07E-02	1,07E-02	1,07E-02	1,07E-02	9,03E-03	84,3
Expozícia z ingescie kontamin. rýb	[Sv]	8,10E-05	3,83E-05	7,33E-05	7,55E-05	7,41E-05	3,63E-05	7,93E-05	0,7
Expozícia z potravín kontam. zavlaž.	[Sv]	1,35E-04	5,96E-06	1,33E-04	1,40E-04	1,36E-04	1,28E-04	1,06E-04	1,0
Hydrosféra	[Sv]	1,12E-02	3,79E-04	1,12E-02	1,10E-02	1,12E-02	1,12E-02	9,51E-03	
Hydrosféra	[%]	90,7	24,8	90,5	90,7	90,5	94,3		88,78
Expozícia z oblaku	[Sv]	3,09E-04	3,63E-04	3,36E-04	3,07E-04	3,40E-04	5,89E-04	3,36E-04	3,1
Expozícia z depozitu	[Sv]	2,46E-05	2,89E-05	2,66E-05	2,25E-05	2,61E-05	3,35E-05	2,64E-05	0,2
Expozícia z inhalácie	[Sv]	8,48E-06	4,99E-07	1,09E-05	8,56E-06	8,37E-06	8,25E-06	5,46E-05	0,5
Expozícia z potravín kontam. spadom	[Sv]	7,97E-04	7,55E-04	7,97E-04	7,97E-04	7,98E-04	4,18E-05	7,88E-04	7,4
Atmosféra	[Sv]	1,14E-03	1,15E-03	1,17E-03	1,13E-03	1,17E-03	6,73E-04	1,21E-03	
Atmosféra	[%]	9,2	75,1	9,5	9,3	9,5	5,6		11,26
SUMA	[Sv]	1,24E-02	1,53E-03	1,24E-02	1,22E-02	1,24E-02	1,19E-02	1,07E-02	100

*Expozícia – exposition**... z kúpania ... - at swimming or sailing**... z kontaminovaných ... - by contaminated bank sediments**... z pobytu ... - from stay at irrigated land**... z ingescie kontaminovanej... - from ingestion of contaminated potable water**... z ingescie kontaminovaných rýb – from ingestion of contaminated fish**... z ingescie potravín... - from ingestion of food contaminated by irrigations**... z oblaku – from cloud**... z depozitu – from deposit**... z inhalácie – from inhalation**... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out*

Tab. 4.1: Overview of assumed limit values of annual RAS discharge from NPP AE Mochovce with 4 reactors

Druh výpuste		Atmosféra	Hydrosféra
vzácne plyny (ľubovoľná zmes)	[Bq]	8,20E+15	-
jód - ¹³¹ I (plynná a aerosólová zmes)	[Bq]	1,34E+11	-
zmes rádionuklidov (okrem ¹³¹ I) v aerosóloch	[Bq]	3,40E+11	-
trícium	[Bq]	-	2,40E+13
ostatné rádionuklidy (okrem trícia)	[Bq]	-	2,20E+09

Druh výpuste – discharge type

Vzácne ... - noble gases (any mixture)

Jód ... - iodine (gaseous and aerosol mixture)

Zmes rádionuklidov ... - mixture of radio nuclides (except for ¹³¹I) in aerosols

Trícium - tritium

Ostatné ... - other radio nuclides (except for tritium)

Tab. 4. 2: List of radio nuclides and their activity

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	5,810E+11	2,400E+13
C-14 CO2	2,364E+10	0,000E+00
C-14 CnHm	4,516E+11	0,000E+00
Ar-41	3,254E+12	0,000E+00
Cr-51	3,057E+10	3,707E+08
Mn-54	2,754E+10	7,416E+07
Fe-59	6,019E+09	7,047E+07
Co-57	5,867E+08	2,970E+07
Co-58	3,533E+10	5,388E+07
Co-60	3,449E+10	8,256E+07
Zn-65	2,705E+09	7,168E+07
Se-75	2,130E+09	0,000E+00
Kr-85m	1,891E+14	0,000E+00
Kr-85	3,326E+14	0,000E+00
Kr-87	6,699E+14	0,000E+00
Kr-88	6,271E+14	0,000E+00
Sr-89	2,665E+07	4,273E+05
Sr-90	1,080E+08	1,283E+06
Zr-95	8,196E+09	6,626E+07
Nb-95	6,687E+09	4,459E+07
Ru-103	1,692E+09	4,320E+07
Rh-106	3,199E+09	1,045E+08
Ag-110m	1,620E+11	3,865E+08
Sb-124	7,549E+09	5,412E+07
I-131 plyn	1,264E+11	0,000E+00
I-131 aerosol	7,579E+09	9,028E+07
Xe-131m	3,176E+15	0,000E+00
Xe-133m	5,962E+14	0,000E+00
Xe-133	9,597E+14	0,000E+00
Xe-135	1,646E+15	0,000E+00
Cs-134	1,022E+09	8,283E+07
Cs-137	2,325E+09	2,795E+08
Ba-140	6,042E+08	0,000E+00
Ce-141	1,255E+09	6,845E+07
Ce-144	4,482E+09	2,250E+08
Hf-181	1,414E+09	0,000E+00
Pu-238	6,147E+06	1,041E+05
Pu-239	4,629E+06	8,545E+04
Pu-240	4,629E+06	8,545E+04
Am-241	6,966E+07	1,925E+05

Tab. 4.3: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,39E-07	1,79E-07	1,65E-07	1,22E-07	9,57E-08	1,36E-07
C-14	3,30E-09	6,00E-09	6,09E-09	6,53E-09	5,77E-09	6,29E-09
AR-41	5,40E-09	5,40E-09	5,40E-09	5,40E-09	5,40E-09	5,40E-09
CR-51	3,05E-10	3,00E-10	2,97E-10	2,93E-10	2,89E-10	2,93E-10
MN-54	3,09E-08	3,07E-08	3,09E-08	3,06E-08	3,08E-08	3,07E-08
FE-59	2,29E-09	2,31E-09	2,34E-09	2,34E-09	2,35E-09	2,34E-09
CO-57	1,97E-10	1,94E-10	1,94E-10	1,92E-10	1,91E-10	1,90E-10
CO-58	1,79E-08	1,80E-08	1,81E-08	1,81E-08	1,81E-08	1,80E-08
CO-60	1,65E-07	1,53E-07	1,56E-07	1,53E-07	1,54E-07	1,49E-07
ZN-65	5,13E-09	2,99E-09	3,15E-09	2,75E-09	2,63E-09	3,59E-09
SE-75	8,26E-10	8,31E-10	8,35E-10	8,33E-10	8,32E-10	8,28E-10
KR-85M	4,63E-08	4,63E-08	4,63E-08	4,63E-08	4,63E-08	4,63E-08
KR-85	1,37E-09	1,37E-09	1,37E-09	1,37E-09	1,37E-09	1,37E-09
KR-87	6,83E-07	6,83E-07	6,83E-07	6,83E-07	6,83E-07	6,83E-07
KR-88	1,82E-06	1,82E-06	1,82E-06	1,82E-06	1,82E-06	1,82E-06
SR-89	1,96E-12	1,58E-12	1,50E-12	1,36E-12	1,32E-12	1,18E-12
SR-90	1,80E-09	5,53E-10	6,99E-10	9,84E-10	2,13E-09	8,59E-10
ZR-95	3,30E-09	3,37E-09	3,41E-09	3,42E-09	3,45E-09	3,40E-09
NB-95	1,34E-09	1,37E-09	1,38E-09	1,38E-09	1,38E-09	2,86E-09
RU-103	3,97E-10	4,18E-10	4,19E-10	4,17E-10	4,14E-10	4,10E-10
RH-106	2,14E-16	2,14E-16	2,14E-16	2,14E-16	2,14E-16	2,14E-16
AG-110M	6,31E-07	5,65E-07	5,75E-07	5,57E-07	5,49E-07	5,41E-07
SB-124	5,83E-09	5,92E-09	5,97E-09	5,97E-09	5,98E-09	5,93E-09
I-131E	6,15E-09	6,36E-09	6,47E-09	6,32E-09	6,28E-09	6,06E-09
I-131O	1,23E-09	1,60E-09	1,79E-09	1,52E-09	1,46E-09	1,07E-09
I-131A	3,38E-09	3,38E-09	3,03E-09	1,99E-09	1,58E-09	1,41E-09
XE-131M	3,61E-08	3,61E-08	3,61E-08	3,61E-08	3,61E-08	3,61E-08
XE-133M	2,81E-08	2,81E-08	2,81E-08	2,81E-08	2,81E-08	2,81E-08
XE-133	5,14E-08	5,14E-08	5,14E-08	5,14E-08	5,14E-08	5,14E-08
XE-135	6,58E-07	6,58E-07	6,58E-07	6,58E-07	6,58E-07	6,58E-07
CS-134	6,64E-09	6,54E-09	6,70E-09	6,83E-09	7,32E-09	1,33E-08
CS-137	1,09E-08	1,03E-08	1,11E-08	1,19E-08	1,48E-08	2,81E-08
BA-140	2,02E-11	2,52E-11	2,73E-11	2,75E-11	2,88E-11	2,54E-11
CE-141	7,68E-11	7,96E-11	8,15E-11	8,11E-11	8,40E-11	7,80E-11
CE-144	1,21E-09	1,52E-09	1,62E-09	1,46E-09	1,41E-09	1,28E-09
HF-181	2,83E-10	2,95E-10	3,02E-10	3,04E-10	3,11E-10	3,01E-10
PU-238	3,83E-10	7,13E-10	1,11E-09	1,28E-09	1,64E-09	1,76E-09
PU-239	2,96E-10	5,59E-10	8,99E-10	1,05E-09	1,35E-09	1,44E-09
PU-240	2,96E-10	5,59E-10	8,99E-10	1,05E-09	1,35E-09	1,44E-09
AM-241	4,08E-09	7,54E-09	1,15E-08	1,32E-08	1,74E-08	1,82E-08
Hydrosféra	3,12E-07	2,11E-07	2,07E-07	1,51E-07	1,29E-07	1,88E-07
Atmosféra	4,16E-06	4,13E-06	4,13E-06	4,13E-06	4,13E-06	4,12E-06
Suma	4,47E-06	4,34E-06	4,34E-06	4,28E-06	4,25E-06	4,30E-06

Tab. 4.4: Share of individual radio nuclides on annual IED form atmosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	0,01	0,01	0,01	0,01	0,01	0,01
C-14	0,08	0,15	0,15	0,16	0,14	0,15
AR-41	0,13	0,13	0,13	0,13	0,13	0,13
CR-51	0,01	0,01	0,01	0,01	0,01	0,01
MN-54	0,70	0,71	0,71	0,71	0,70	0,70
FE-59	0,05	0,06	0,06	0,06	0,06	0,06
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,42	0,42	0,42	0,43	0,43	0,43
CO-60	3,58	3,53	3,54	3,52	3,51	3,44
ZN-65	0,08	0,06	0,06	0,06	0,05	0,05
SE-75	0,02	0,02	0,02	0,02	0,02	0,02
KR-85M	1,11	1,12	1,12	1,12	1,12	1,13
KR-85	0,03	0,03	0,03	0,03	0,03	0,03
KR-87	16,44	16,56	16,53	16,55	16,56	16,60
KR-88	43,70	44,04	43,94	44,00	44,04	44,14
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,03	0,01	0,01	0,02	0,03	0,01
ZR-95	0,07	0,07	0,07	0,07	0,07	0,07
NB-95	0,03	0,03	0,03	0,03	0,03	0,03
RU-103	0,01	0,01	0,01	0,01	0,01	0,01
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	14,27	13,50	13,52	13,35	13,14	13,03
SB-124	0,14	0,14	0,14	0,14	0,14	0,14
I-131E	0,15	0,15	0,16	0,15	0,15	0,15
I-131O	0,03	0,04	0,04	0,04	0,04	0,03
I-131A	0,02	0,02	0,02	0,02	0,02	0,02
XE-131M	0,87	0,87	0,87	0,87	0,87	0,88
XE-133M	0,68	0,68	0,68	0,68	0,68	0,68
XE-133	1,24	1,25	1,24	1,25	1,25	1,25
XE-135	15,82	15,94	15,91	15,93	15,94	15,98
CS-134	0,06	0,07	0,07	0,07	0,08	0,07
CS-137	0,09	0,09	0,10	0,12	0,15	0,14
BA-140	0,00	0,00	0,00	0,00	0,00	0,00
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,02	0,03	0,03	0,03	0,03	0,03
HF-181	0,01	0,01	0,01	0,01	0,01	0,01
PU-238	0,01	0,02	0,03	0,03	0,04	0,04
PU-239	0,01	0,01	0,02	0,03	0,03	0,04
PU-240	0,01	0,01	0,02	0,03	0,03	0,04
AM-241	0,10	0,18	0,28	0,32	0,42	0,44
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 4.5: Share of individual radio nuclides on annual IED form hydrosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	76,38	84,79	79,45	80,77	73,91	72,34
C-14	0,00	0,00	0,00	0,00	0,00	0,00
AR-41	0,00	0,00	0,00	0,00	0,00	0,00
CR-51	0,02	0,03	0,03	0,04	0,04	0,03
MN-54	0,59	0,74	0,85	1,01	1,32	0,92
FE-59	0,01	0,01	0,01	0,01	0,01	0,02
CO-57	0,03	0,04	0,04	0,06	0,07	0,05
CO-58	0,16	0,23	0,24	0,32	0,38	0,26
CO-60	5,16	3,40	4,49	4,67	6,62	3,81
ZN-65	0,63	0,25	0,34	0,28	0,33	0,77
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,00	0,00	0,00	0,00	0,00	0,00
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	0,00	0,00	0,00	0,00	0,00	0,00
KR-88	0,00	0,00	0,00	0,00	0,00	0,00
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,21	0,05	0,11	0,12	0,56	0,16
ZR-95	0,13	0,20	0,20	0,27	0,32	0,22
NB-95	0,00	0,01	0,01	0,01	0,01	0,80
RU-103	0,04	0,07	0,07	0,09	0,10	0,07
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	12,12	4,01	7,78	4,14	5,75	2,82
SB-124	0,00	0,00	0,00	0,01	0,01	0,01
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,82	1,16	1,00	0,72	0,54	0,34
XE-131M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133	0,00	0,00	0,00	0,00	0,00	0,00
XE-135	0,00	0,00	0,00	0,00	0,00	0,00
CS-134	1,27	1,81	1,90	2,62	3,26	5,45
CS-137	2,28	3,04	3,35	4,71	6,63	11,85
BA-140	0,00	0,00	0,00	0,00	0,00	0,00
CE-141	0,01	0,02	0,02	0,02	0,02	0,02
CE-144	0,13	0,13	0,12	0,13	0,13	0,09
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,00	0,00	0,00	0,00	0,00
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 4.6: Annual individual effective and equivalent doses in zone 64, age category 0 – 1 year

Expozíčná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	5,94E-11	6,69E-11	6,08E-11	3,93E-11	5,70E-11	9,15E-11	6,09E-11	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	1,79E-08	2,01E-08	1,76E-08	6,05E-09	1,65E-08	2,28E-08	1,77E-08	0,4
Expozícia z pobytu na zavlaž. pôde	[Sv]	1,04E-15	1,17E-15	1,03E-15	6,58E-16	9,84E-16	1,37E-15	1,06E-15	0,0
Expozícia z ingescie kontamin. vody	[Sv]	7,25E-07	2,69E-09	7,23E-07	7,84E-07	7,26E-07	7,21E-07	2,38E-07	5,3
Expozícia z ingescie kontamin. rýb	[Sv]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,0
Expozícia z potravín kontam. zavlaž.	[Sv]	9,21E-08	3,76E-08	4,63E-08	4,75E-08	1,48E-07	1,45E-08	5,68E-08	1,3
Hydrosféra	[Sv]	8,35E-07	6,05E-08	7,87E-07	8,37E-07	8,91E-07	7,58E-07	3,12E-07	
Hydrosféra	[%]	16,5	1,3	16,0	19,3	18,6	9,4		7,0
Expozícia z oblaku	[Sv]	3,41E-06	3,63E-06	3,14E-06	2,61E-06	2,99E-06	6,37E-06	3,33E-06	74,4
Expozícia z depozitu	[Sv]	6,94E-07	7,93E-07	7,11E-07	5,72E-07	6,85E-07	9,35E-07	7,27E-07	16,3
Expozícia z inhalácie	[Sv]	4,67E-09	1,26E-08	2,24E-07	3,05E-07	2,84E-10	8,33E-11	1,44E-08	0,3
Expozícia z potravín kontam. spadom	[Sv]	1,28E-07	5,56E-08	4,72E-08	1,68E-08	2,32E-07	6,75E-10	8,88E-08	2,0
Atmosféra	[Sv]	4,23E-06	4,49E-06	4,12E-06	3,51E-06	3,91E-06	7,30E-06	4,16E-06	
Atmosféra	[%]	83,5	98,7	84,0	80,7	81,4	90,6		93,0
SUMA	[Sv]	5,07E-06	4,55E-06	4,91E-06	4,34E-06	4,80E-06	8,06E-06	4,47E-06	100,0

*Expozícia – exposition**... z kúpania ... - at swimming or sailing**... z kontaminovaných ... - by contaminated bank sediments**... z pobytu ... - from stay at irrigated land**... z ingescie kontaminovanej... - from ingestion of contaminated potable water**... z ingescie kontaminovaných rýb – from ingestion of contaminated fish**... z ingescie potravín... - from ingestion of food contaminated by irrigations**... z oblaku – from cloud**... z depozitu – from deposit**... z inhalácie – from inhalation**... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out*

Tab. 4.7: 50(70)-year bonds of CED from individual radio nuclides for individual age categories in zone 64 [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,31E-06	1,74E-06	7,97E-06	1,07E-05	8,34E-06	9,89E-05
C-14	3,20E-08	5,80E-08	2,95E-07	5,69E-07	5,03E-07	4,57E-06
AR-41	5,23E-08	5,23E-08	2,61E-07	4,70E-07	4,70E-07	3,92E-06
CR-51	2,95E-09	2,90E-09	1,44E-08	2,55E-08	2,52E-08	2,13E-07
MN-54	5,27E-07	5,26E-07	2,64E-06	4,72E-06	4,73E-06	3,94E-05
FE-59	2,22E-08	2,24E-08	1,14E-07	2,04E-07	2,05E-07	1,70E-06
CO-57	3,08E-09	3,04E-09	1,52E-08	2,72E-08	2,71E-08	2,26E-07
CO-58	1,78E-07	1,79E-07	8,99E-07	1,62E-06	1,62E-06	1,34E-05
CO-60	1,14E-05	1,13E-05	5,68E-05	1,02E-04	1,02E-04	8,45E-04
ZN-65	5,90E-08	3,83E-08	2,00E-07	3,24E-07	3,13E-07	3,31E-06
SE-75	9,07E-09	9,13E-09	4,58E-08	8,22E-08	8,21E-08	6,82E-07
KR-85M	4,49E-07	4,49E-07	2,24E-06	4,04E-06	4,04E-06	3,36E-05
KR-85	1,32E-08	1,32E-08	6,61E-08	1,19E-07	1,19E-07	9,91E-07
KR-87	6,61E-06	6,61E-06	3,31E-05	5,95E-05	5,95E-05	4,96E-04
KR-88	1,76E-05	1,76E-05	8,79E-05	1,58E-04	1,58E-04	1,32E-03
SR-89	1,90E-11	1,53E-11	7,28E-11	1,18E-10	1,15E-10	8,55E-10
SR-90	1,75E-08	5,36E-09	3,39E-08	8,57E-08	1,86E-07	6,23E-07
ZR-95	3,25E-08	3,32E-08	1,68E-07	3,03E-07	3,06E-07	2,51E-06
NB-95	1,30E-08	1,32E-08	6,67E-08	1,20E-07	1,21E-07	2,08E-06
RU-103	3,85E-09	4,06E-09	2,03E-08	3,64E-08	3,61E-08	2,98E-07
RH-106	2,07E-15	2,07E-15	1,04E-14	1,87E-14	1,87E-14	1,56E-13
AG-110M	8,97E-06	8,33E-06	4,21E-05	7,43E-05	7,36E-05	6,08E-04
SB-124	5,73E-08	5,81E-08	2,93E-07	5,27E-07	5,29E-07	4,37E-06
I-131E	5,96E-08	6,16E-08	3,13E-07	5,50E-07	5,47E-07	4,40E-06
I-131O	1,19E-08	1,55E-08	8,65E-08	1,33E-07	1,27E-07	7,79E-07
I-131A	3,27E-08	3,27E-08	1,47E-07	1,74E-07	1,38E-07	1,02E-06
XE-131M	3,49E-07	3,49E-07	1,75E-06	3,14E-06	3,14E-06	2,62E-05
XE-133M	2,72E-07	2,72E-07	1,36E-06	2,45E-06	2,45E-06	2,04E-05
XE-133	4,98E-07	4,98E-07	2,49E-06	4,48E-06	4,48E-06	3,73E-05
XE-135	6,37E-06	6,37E-06	3,18E-05	5,73E-05	5,73E-05	4,77E-04
CS-134	1,83E-07	1,82E-07	9,18E-07	1,66E-06	1,71E-06	1,86E-05
CS-137	8,92E-07	8,86E-07	4,47E-06	8,12E-06	8,36E-06	7,88E-05
BA-140	1,95E-10	2,44E-10	1,32E-09	2,40E-09	2,51E-09	1,84E-08
CE-141	7,43E-10	7,71E-10	3,95E-09	7,06E-09	7,32E-09	5,67E-08
CE-144	1,34E-08	1,64E-08	8,69E-08	1,43E-07	1,38E-07	1,06E-06
HF-181	2,75E-09	2,86E-09	1,46E-08	2,65E-08	2,71E-08	2,19E-07
PU-238	3,73E-09	6,95E-09	5,42E-08	1,12E-07	1,44E-07	1,28E-06
PU-239	2,89E-09	5,45E-09	4,38E-08	9,22E-08	1,19E-07	1,05E-06
PU-240	2,92E-09	5,48E-09	4,40E-08	9,25E-08	1,19E-07	1,05E-06
AM-241	4,22E-08	7,59E-08	5,73E-07	1,18E-06	1,54E-06	1,34E-05
Súčet	5,71E-05	5,58E-05	2,79E-04	4,98E-04	4,95E-04	4,16E-03

Tab. 4.8: 50(70)-year bonds of collective effective and equivalent doses in zone 64, age category - adults

Expozíčná cesta	Telový orgán						Efektívna dávka	
	Gonády	Kost. dreň	Plúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania [Sv]	4,31E-08	4,86E-08	4,41E-08	2,85E-08	4,14E-08	6,64E-08	4,42E-08	0,0
Expozícia z kontam. pobrež. naplavenín [Sv]	8,99E-05	1,01E-04	8,97E-05	3,34E-05	8,46E-05	1,15E-04	8,94E-05	2,1
Expozícia z pobytu na zavlaž. pôde [Sv]	3,05E-12	3,43E-12	3,05E-12	1,46E-12	2,88E-12	3,93E-12	3,06E-12	0,0
Expozícia z ingescie kontamin. vody [Sv]	9,22E-05	3,62E-07	9,20E-05	9,97E-05	9,24E-05	9,17E-05	9,79E-05	2,4
Expozícia z ingescie kontamin. rýb [Sv]	1,86E-05	1,55E-05	1,55E-05	1,64E-05	1,58E-05	5,13E-07	1,71E-05	0,4
Expozícia z potravín kontam. zavlaž. [Sv]	8,46E-06	5,56E-06	4,64E-06	4,60E-06	1,27E-05	9,07E-07	8,35E-06	0,2
Hydrosféra [Sv]	2,09E-04	1,23E-04	2,02E-04	1,54E-04	2,06E-04	2,08E-04	2,13E-04	
Hydrosféra [%]	5,1	2,8	4,9	4,4	5,3	3,1		5,1
Expozícia z oblaku [Sv]	2,47E-03	2,64E-03	2,28E-03	1,90E-03	2,17E-03	4,62E-03	2,42E-03	58,0
Expozícia z depozitu [Sv]	1,39E-03	1,63E-03	1,50E-03	1,27E-03	1,47E-03	1,89E-03	1,49E-03	35,8
Expozícia z inhalácie [Sv]	5,25E-06	1,86E-05	1,10E-04	1,49E-04	1,40E-07	4,08E-08	2,70E-05	0,6
Expozícia z potravín kontam. spadom [Sv]	1,77E-05	1,34E-05	1,01E-05	7,36E-06	2,64E-05	2,00E-07	1,75E-05	0,4
Atmosféra [Sv]	3,88E-03	4,30E-03	3,90E-03	3,32E-03	3,67E-03	6,51E-03	3,95E-03	
Atmosféra [%]	94,9	97,2	95,1	95,6	94,7	96,9		94,9
SUMA [Sv]	4,09E-03	4,42E-03	4,11E-03	3,47E-03	3,88E-03	6,72E-03	4,16E-03	100,0

Expozícia – exposition

... z kúpania ... - at swimming or sailing

... z kontaminovaných ... - by contaminated bank sediments

... z pobytu ... - from stay at irrigated land

... z ingescie kontaminovanej... - from ingestion of contaminated potable water

... z ingescie kontaminovaných rýb – from ingestion of contaminated fish

... z ingescie potravín... - from ingestion of food contaminated by irrigations

... z oblaku – from cloud

... z depozitu – from deposit

... z inhalácie – from inhalation

... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 4.9: 50(70)-year bonds of CED for all zones

Veková kategória [rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD [manmSv]	4,78	4,69	23,43	41,78	41,56	349,0	465,3
KD [%]	1,03	1,01	5,04	8,98	8,93	75,02	100,00

Tab. 4.10: Share of individual radio nuclides on 50(70)-year CED bonds from atmosphere for age category "adults" for all zones

Rádionuklid	KED [Sv]	[%]
CO 60	9,42E-02	28,407
KR 88	8,09E-02	24,393
AG 110M	7,03E-02	21,185
XE 135	4,02E-02	12,106
KR 87	2,08E-02	6,255
MN 54	4,35E-03	1,31
XE 133	3,76E-03	1,133
XE 131M	2,66E-03	0,802
CS 137	2,65E-03	0,799
KR 85M	2,41E-03	0,726
XE 133M	2,01E-03	0,606
AM 241	1,71E-03	0,514
CO 58	1,52E-03	0,459
CS 134	6,82E-04	0,205
C 14	5,96E-04	0,18
SB 124	5,09E-04	0,153
I 131E	4,42E-04	0,133
ZN 65	2,61E-04	0,079
ZR 95	2,59E-04	0,078
AR 41	1,99E-04	0,06
FE 59	1,96E-04	0,059
PU 238	1,63E-04	0,049
PU 240	1,34E-04	0,04
PU 239	1,34E-04	0,04
NB 95	1,15E-04	0,035
CE 144	1,10E-04	0,033
I 131O	1,03E-04	0,031
KR 85	1,01E-04	0,031
SE 75	7,93E-05	0,024
I 131A	6,77E-05	0,02
SR 90	4,81E-05	0,015
H 3	4,15E-05	0,012
HF 181	2,58E-05	0,008
RU 103	2,33E-05	0,007
CR 51	1,97E-05	0,006
CO 57	1,38E-05	0,004
CE 141	4,37E-06	0,001
Súčet	3,32E-01	100,0

Tab. 4.11: Share of individual radio nuclides on 50(70)-year CED bonds from hydrosphere for age category "adults" for all zones

Rádionuklid	KED [Sv]	[%]
H 3	8,19E-03	47,307
CS 137	4,58E-03	26,497
CO 60	2,90E-03	16,747
CS 134	1,04E-03	6,031
MN 54	1,56E-04	0,899
AG 110M	1,26E-04	0,729
NB 95	9,09E-05	0,526
ZN 65	8,04E-05	0,465
I 131A	3,77E-05	0,218
CO 58	2,99E-05	0,173
ZR 95	2,50E-05	0,144
CE 144	1,49E-05	0,086
CO 57	8,90E-06	0,051
RU 103	8,20E-06	0,047
SR 90	5,58E-06	0,032
CR 51	3,59E-06	0,021
FE 59	2,14E-06	0,012
CE 141	1,72E-06	0,01
SB 124	5,44E-07	0,003
Súčet	1,73E-02	100,0

Tab. 4.12: 50(70)-year bonds of collective effective and equivalent doses for all zones

Expozičná cesta	Telový orgán						Efektívna dávka	
	Gonády	Kost. dreň	Plúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania [Sv]	4,77E-06	5,37E-06	4,88E-06	3,15E-06	4,58E-06	7,35E-06	4,89E-06	0,0
Expozícia z kontam. pobrež. naplavenín [Sv]	9,96E-03	1,12E-02	9,94E-03	3,70E-03	9,38E-03	1,27E-02	9,91E-03	2,1
Expozícia z pobytu na zavlaž. pôde [Sv]	3,38E-10	3,80E-10	3,37E-10	1,61E-10	3,20E-10	4,36E-10	3,39E-10	0,0
Expozícia z ingescie kontamin. vody [Sv]	1,26E-02	4,88E-05	1,26E-02	1,36E-02	1,26E-02	1,25E-02	1,07E-02	2,3
Expozícia z ingescie kontamin. rýb [Sv]	1,54E-03	1,29E-03	1,29E-03	1,36E-03	1,31E-03	4,26E-05	1,42E-03	0,3
Expozícia z potravín kontam. zavlaž. [Sv]	6,25E-04	3,45E-04	4,28E-04	5,99E-04	8,26E-04	1,50E-04	4,97E-04	0,1
Hydrosféra [Sv]	2,47E-02	1,29E-02	2,42E-02	1,93E-02	2,42E-02	2,54E-02	2,25E-02	
Hydrosféra [%]	5,4	2,6	5,1	4,9	5,7	3,2		4,84
Expozícia z oblaku [Sv]	2,14E-01	2,29E-01	1,90E-01	1,45E-01	1,63E-01	4,71E-01	2,04E-01	43,8
Expozícia z depozitu [Sv]	2,15E-01	2,53E-01	2,33E-01	1,97E-01	2,28E-01	2,94E-01	2,31E-01	49,6
Expozícia z inhalácie [Sv]	9,48E-04	3,28E-03	2,23E-02	2,95E-02	2,83E-05	8,25E-06	4,52E-03	1,0
Expozícia z potravín kontam. spadom [Sv]	3,73E-03	2,55E-03	2,01E-03	1,38E-03	5,77E-03	4,18E-05	3,27E-03	0,7
Atmosféra [Sv]	4,34E-01	4,88E-01	4,47E-01	3,72E-01	3,97E-01	7,65E-01	4,43E-01	
Atmosféra [%]	94,6	97,4	94,9	95,1	94,3	96,8		95,14
SUMA [Sv]	4,59E-01	5,01E-01	4,71E-01	3,92E-01	4,22E-01	7,90E-01	4,65E-01	100

Expozícia – exposition

... z kúpania ... - at swimming or sailing

... z kontaminovaných ... - by contaminated bank sediments

... z pobytu ... - from stay at irrigated land

... z ingescie kontaminovanej... - from ingestion of contaminated potable water

... z ingescie kontaminovaných rýb – from ingestion of contaminated fish

... z ingescie potravín... - from ingestion of food contaminated by irrigations

... z oblaku – from cloud

... z depozitu – from deposit

... z inhalácie – from inhalation

... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 5.1: Sum of calculated IED and CED values from operation of 4 reactors in NPP Mochovce on environment

Kategória obyvateľov	Normálna prevádzka		100 % limitných hodnôt	
	IED [μSv]	KED [manmSv]	IED [μSv]	KED [manmSv]
kojenci	0,215		4,47	
dospelí	0,131		4,30	
dospelí		0,097		4,16
celý región		10,7		465,3

Category of citizens Standard operation 100 % of limit values

infants
adults
adults
whole region

Tab. 5.2: Average annual doses from natural sources

Table 1 Average radiation dose from natural sources		
<i>Source</i>	<i>Worldwide average annual effective dose (mSv)</i>	<i>Typical range (mSv)</i>
External exposure		
Cosmic rays	0.4	0.3-1.0 ^a
Terrestrial gamma rays	0.5	0.3-0.6 ^b
Internal exposure		
Inhalation (mainly radon)	1.2	0.2-1.0 ^c
Ingestion	0.3	0.2-0.8 ^d
Total	2.4	1-10

^a Range from sea level to high ground elevation.

^b Depending on radionuclide composition of soil and building materials.

^c Depending on indoor accumulation of radon gas.

^d Depending on radionuclide composition of foods and drinking water.

Fig. 3.1: Numbering of zones

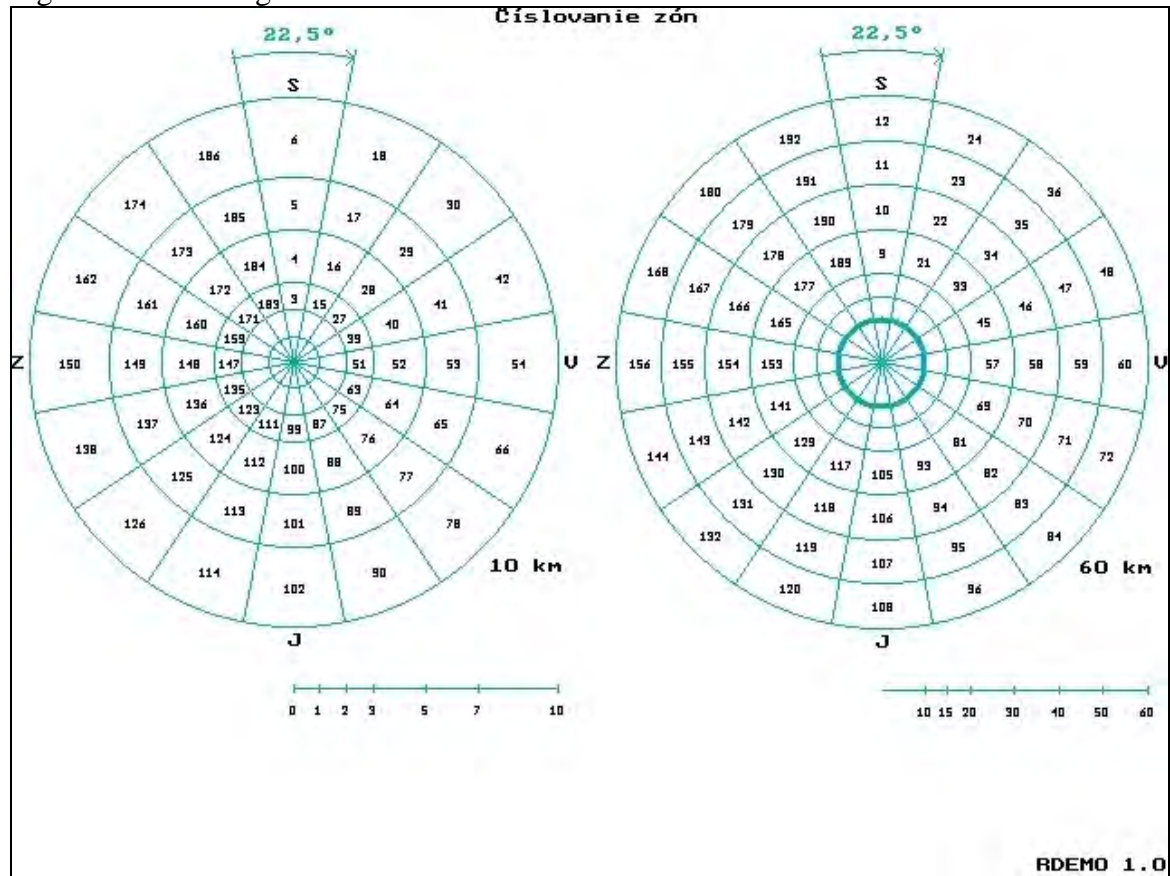


Fig. 3.2: Wind rose

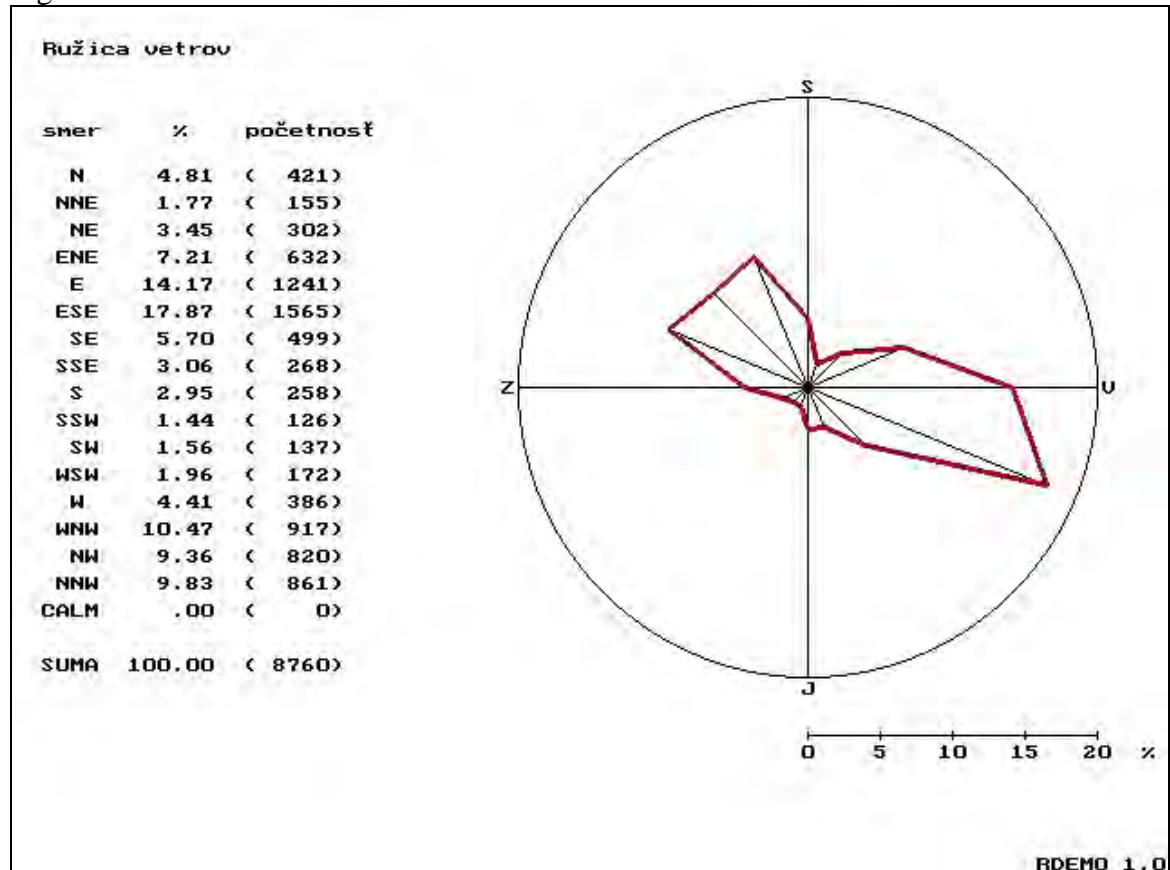


Fig. 3.3: Flowchart of radiation pathways from atmosphere

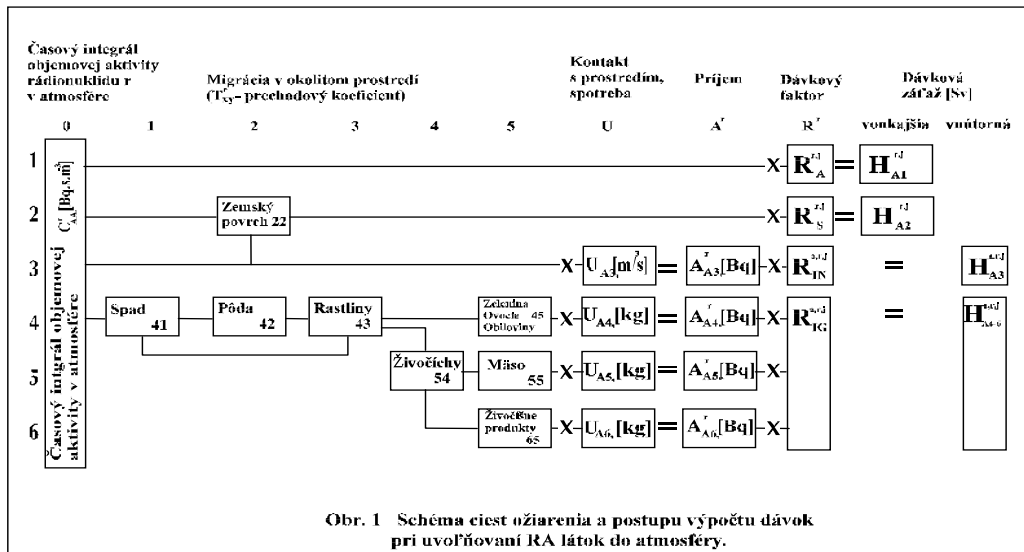


Fig. 3.4: Flowchart of radiation pathways from hydrosphere

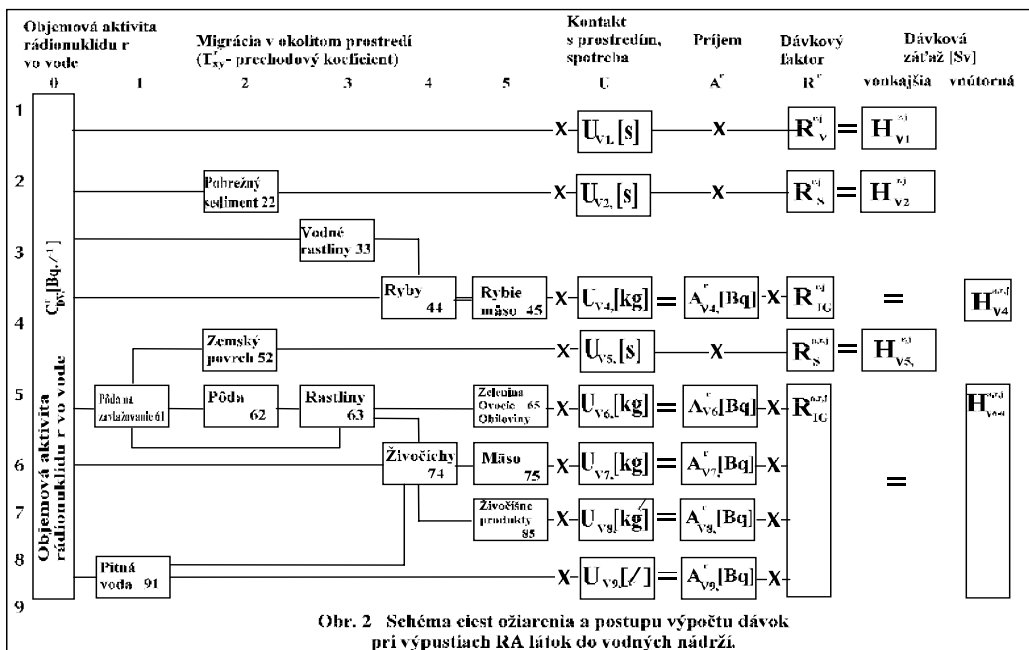


Fig. 3.5: Transport model flowchart

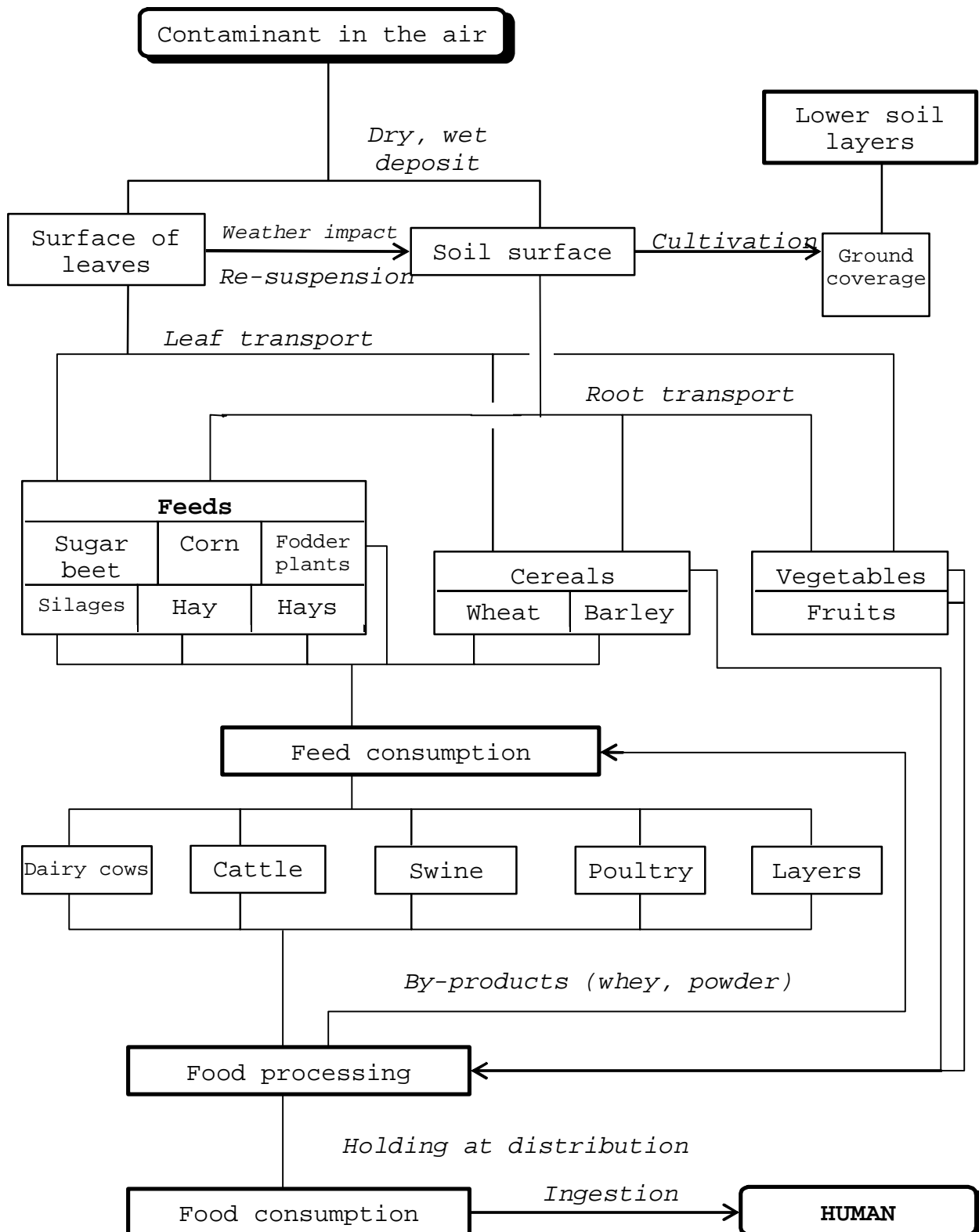


Fig. 3.6: Annual IED for all zones (radius 10km)

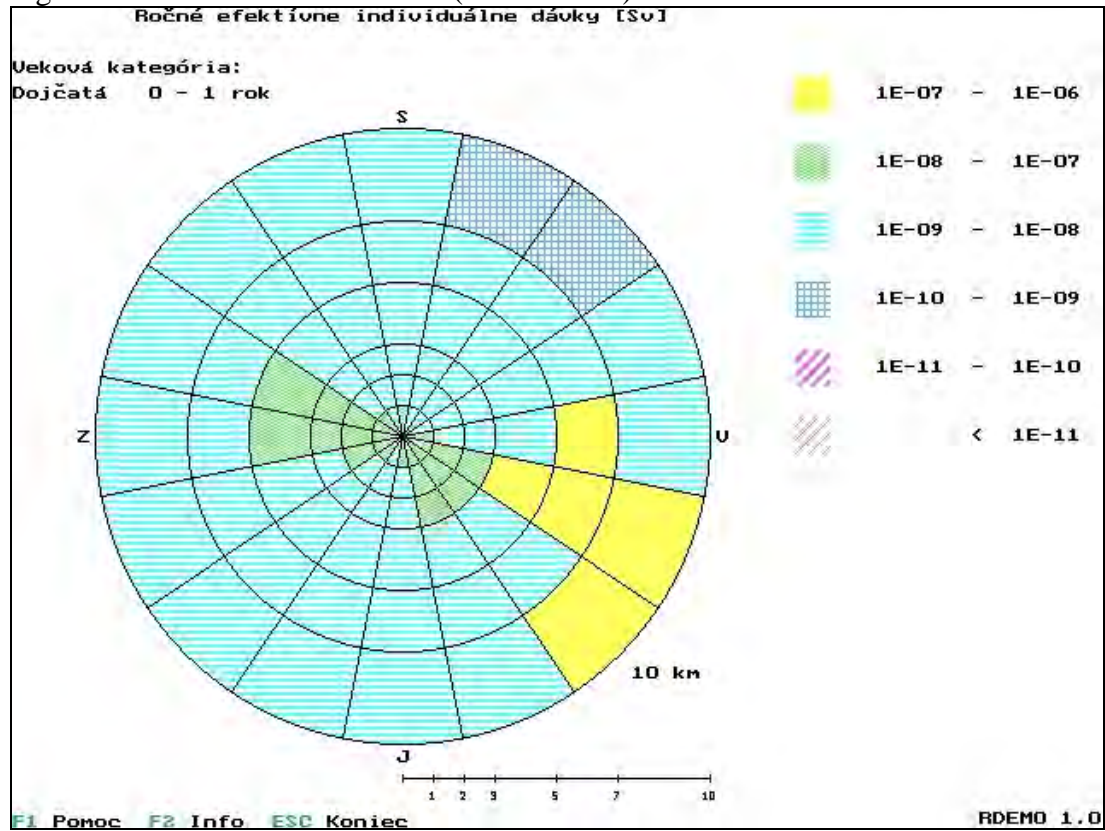


Fig. 3.7: Annual IED for all zones (radius 60km)

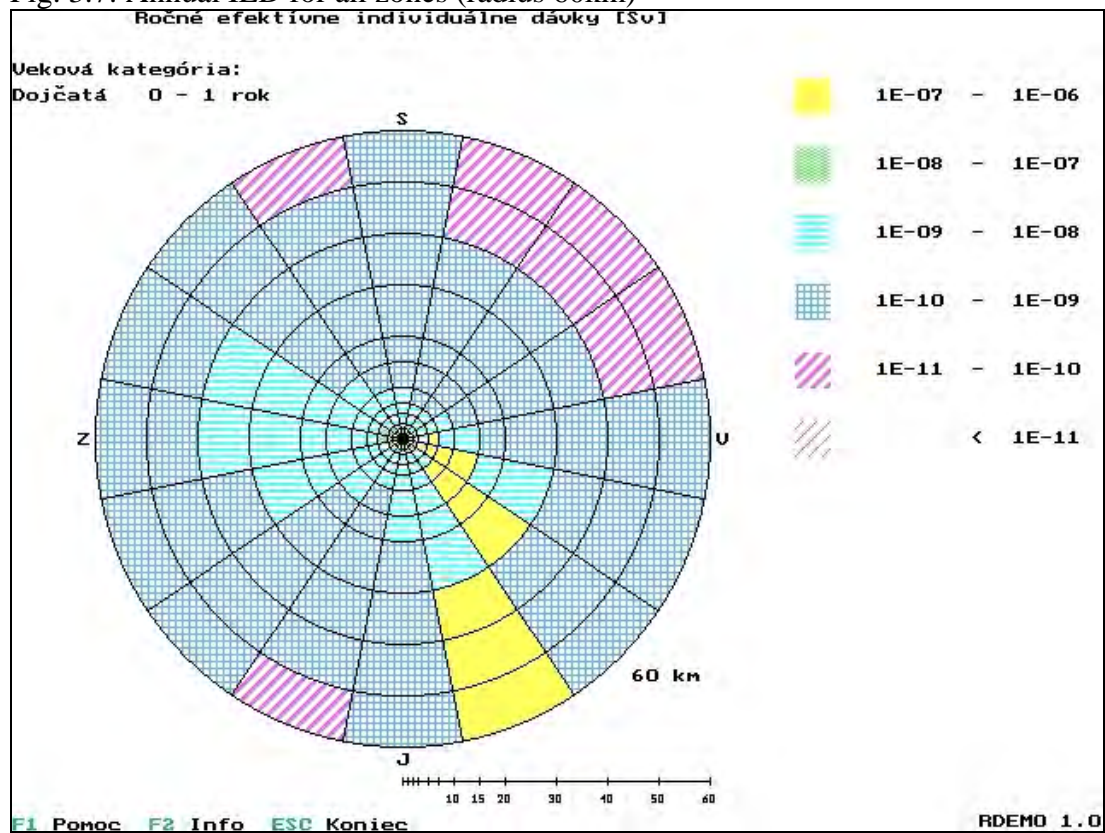


Fig. 3.8: 50(70)-year CED bonds for all zones (radius 10km)

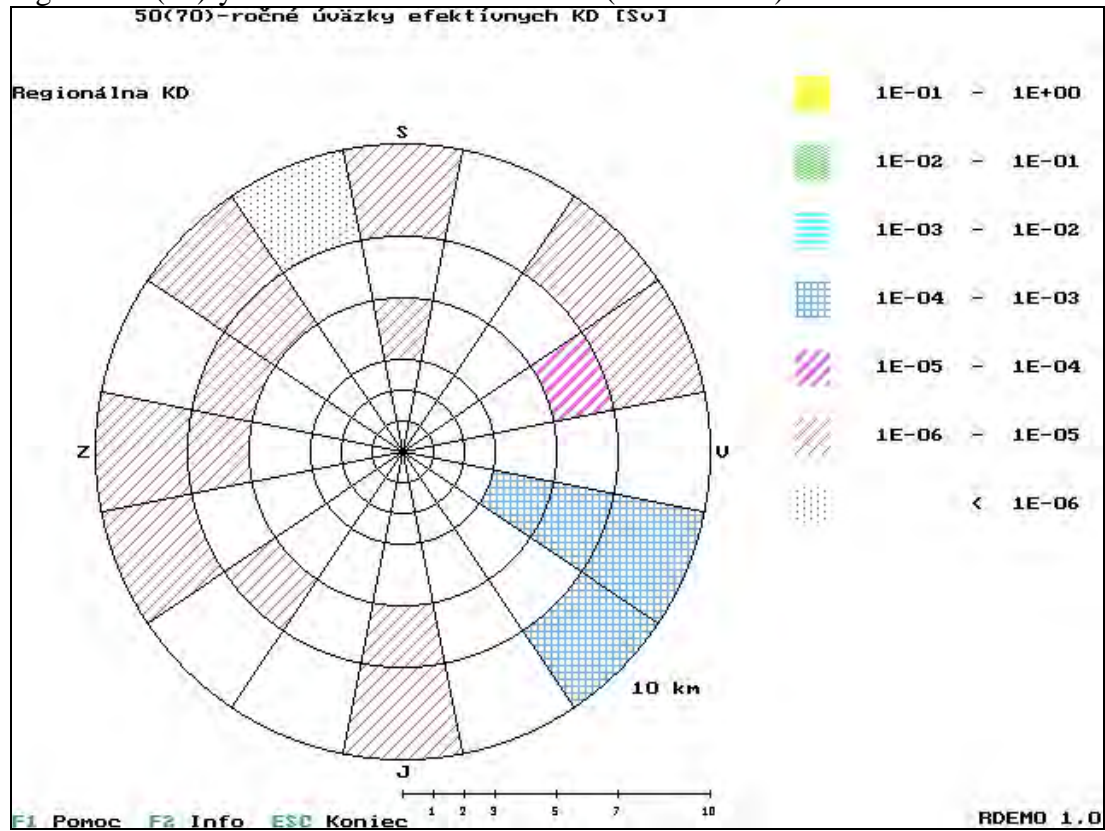


Fig. 3.9: 50(70)- year CED bonds for all zones (radius 60km)

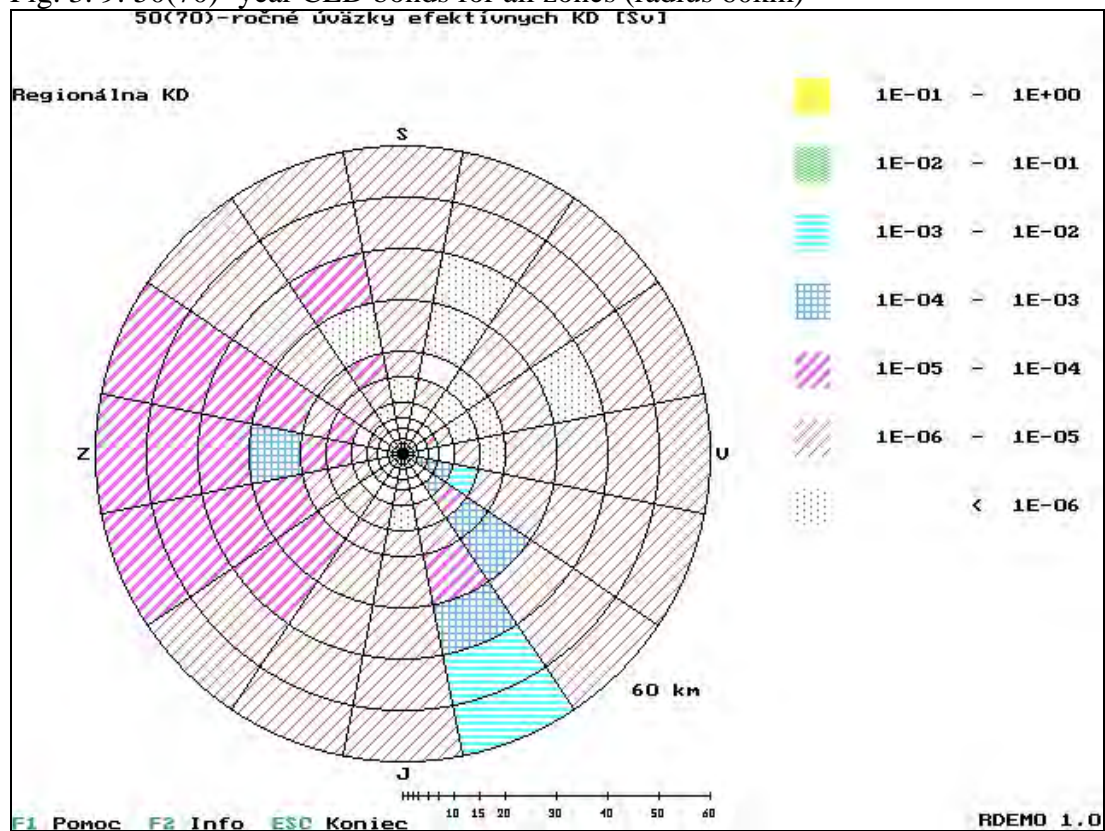
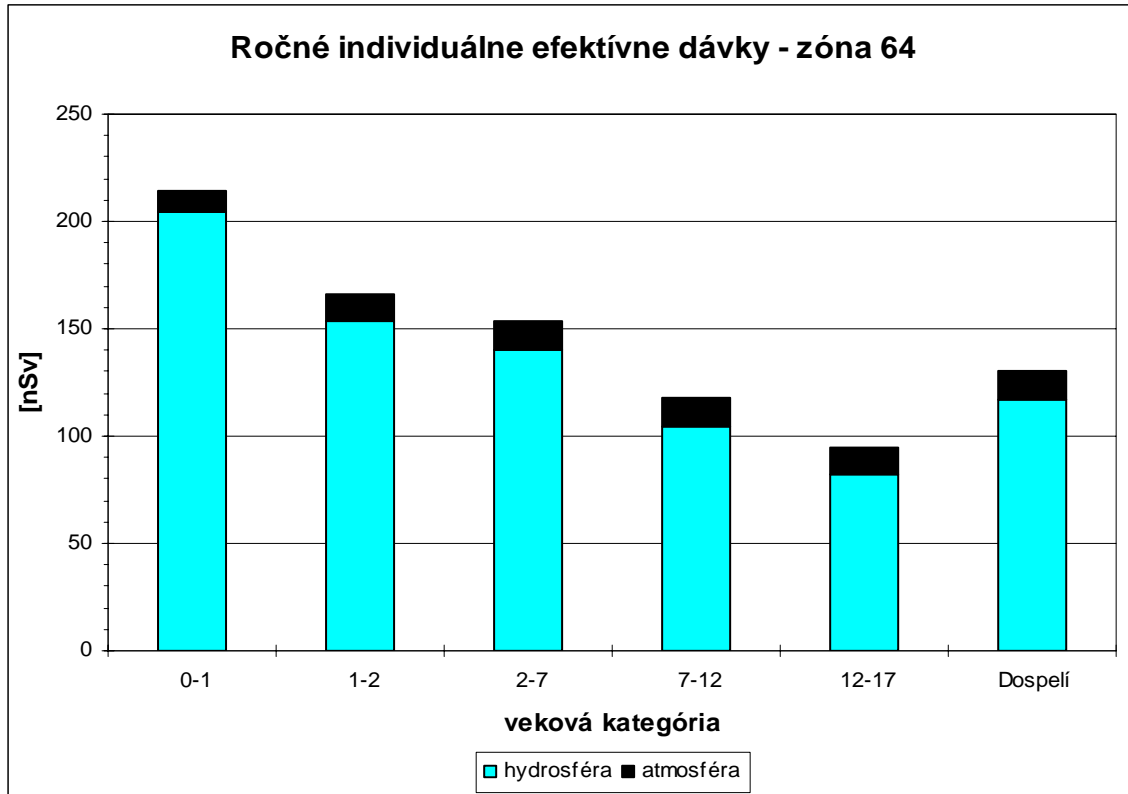
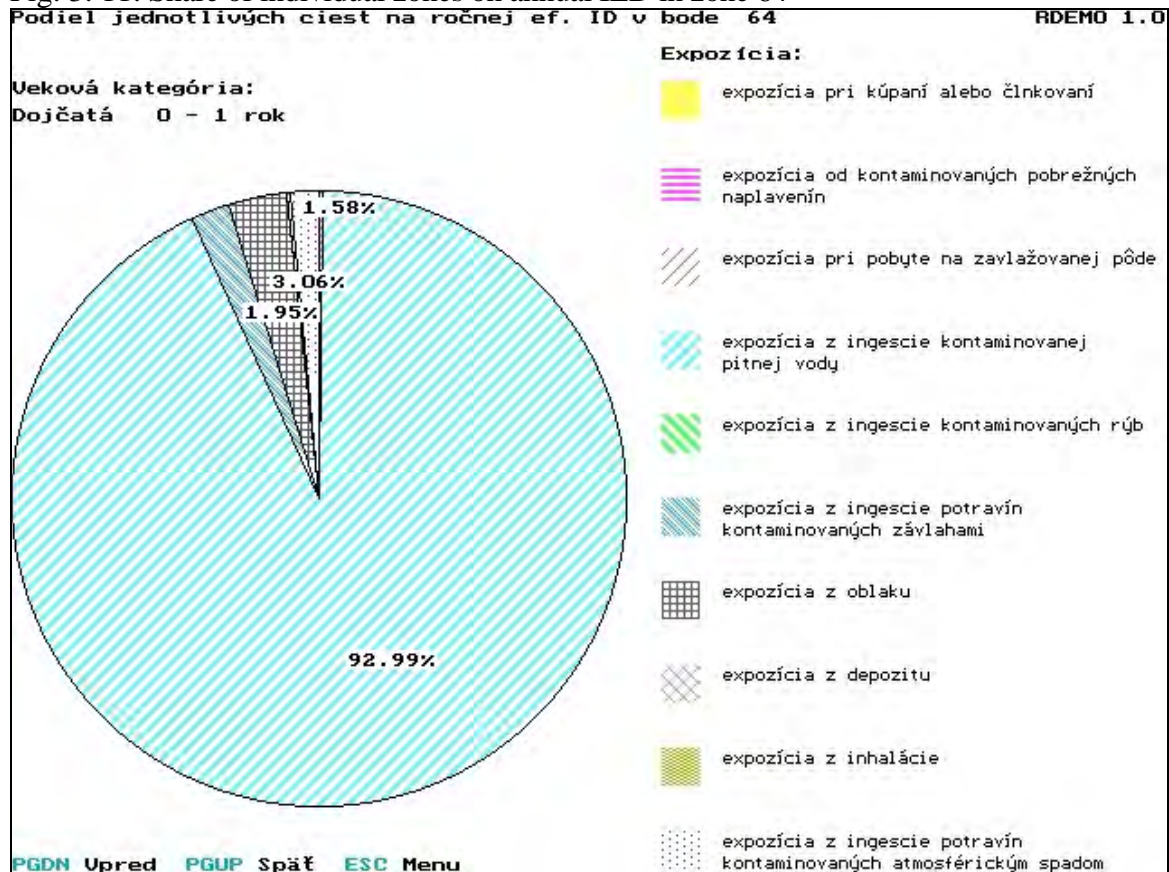


Fig. 3.10: Annual individual effective doses in zone 64



Veková ... - age category
 Hydrosféra - hydrosphere
 Atmosféra - atmosphere

Fig. 3.11: Share of individual zones on annual IED in zone 64



*Expozícia – exposition**... pri kúpaní ... - at swimming or sailing**... od kontaminovaných ... - by contaminated bank sediments**... pri pobyte ... - from stay at irrigated land**... z ingescie kontaminovanej... - from ingestion of contaminated potable water**... z ingescie kontaminovaných rýb – from ingestion of contaminated fish**... z ingescie potravín... - from ingestion of food contaminated by irrigations**... z oblaku – from cloud**... z depozitu – from deposit**... z inhalácie – from inhalation**... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out*

Fig. 3.12: 50(70)-year CED bonds in zone 64

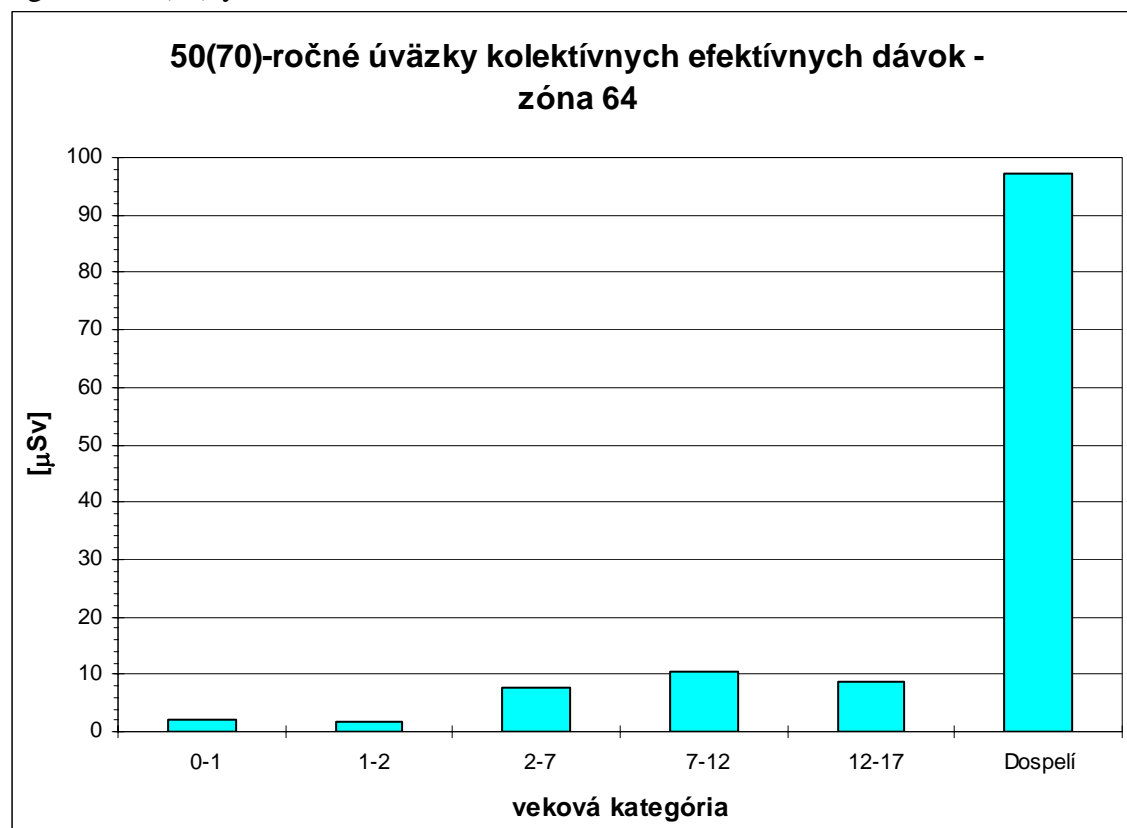
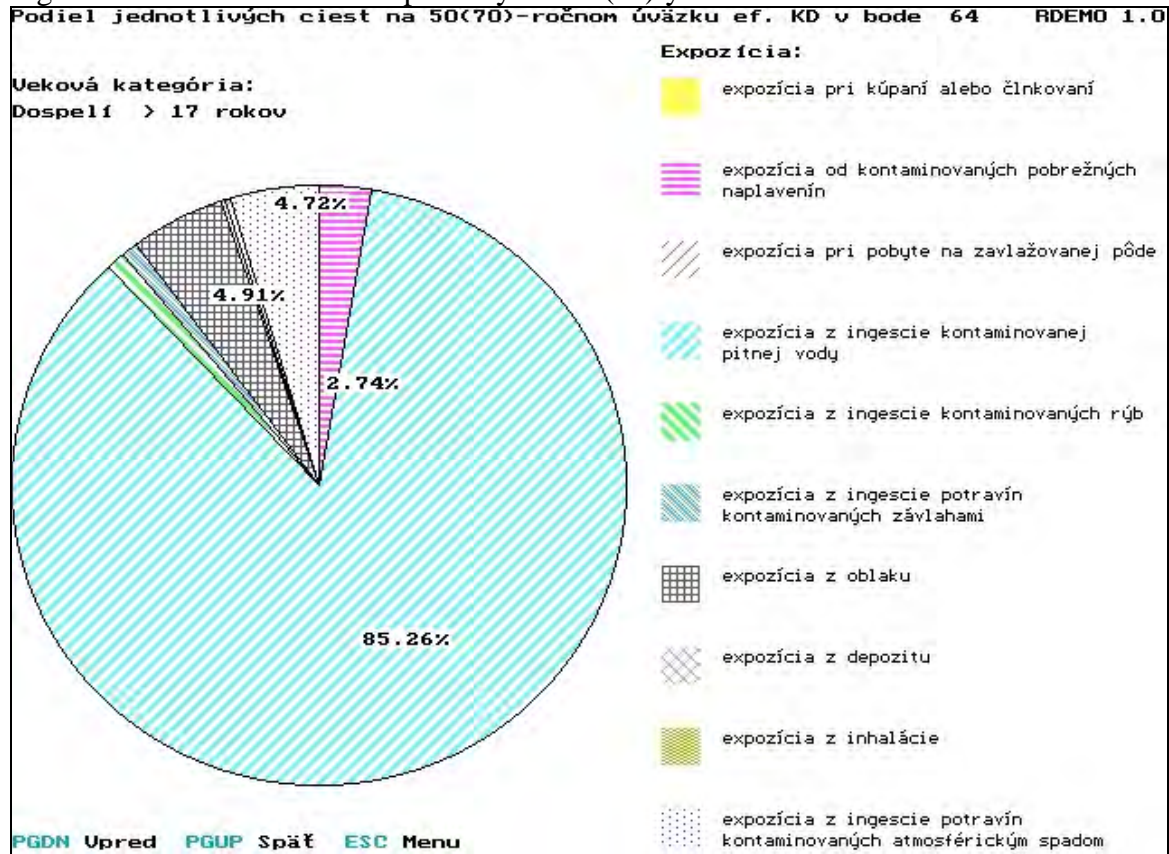
*Veková ... - age category*

Fig. 3. 13: Share of individual pathways on 50(70)-year CED bond in zone 64



Expozícia – exposition

... pri kúpaní ... - at swimming or sailing

... od kontaminovaných ... - by contaminated bank sediments

... pri pobyte ... - from stay at irrigated land

... z ingescie kontaminovanej... - from ingestion of contaminated potable water

... z ingescie kontaminovaných rýb – from ingestion of contaminated fish

... z ingescie potravín... - from ingestion of food contaminated by irrigations

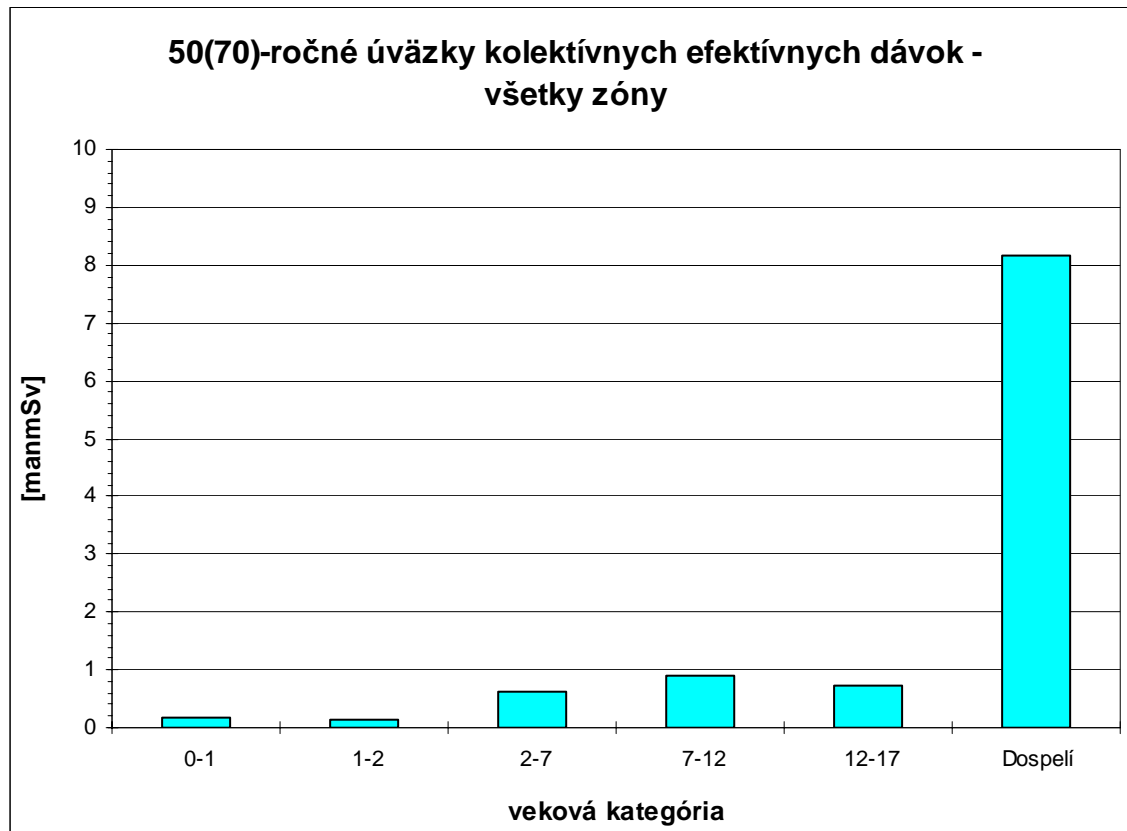
... z oblaku – from cloud

... z depozitu – from deposit

... z inhalácie – from inhalation

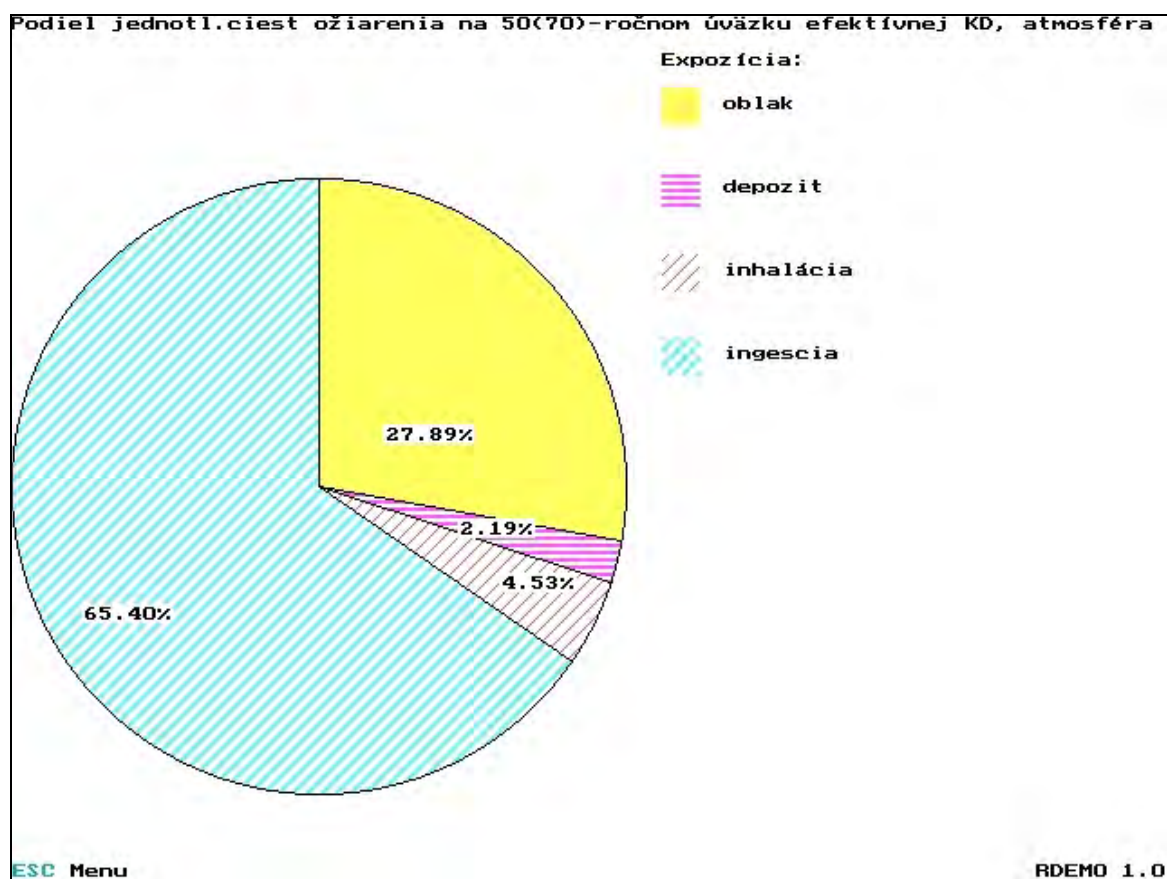
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 3. 14: 50(70)-year CED bonds for all zones



Veková ... - age category

Fig. 3.15: Share of individual pathways on 50(70)-year CED bond from atmosphere, for all zones



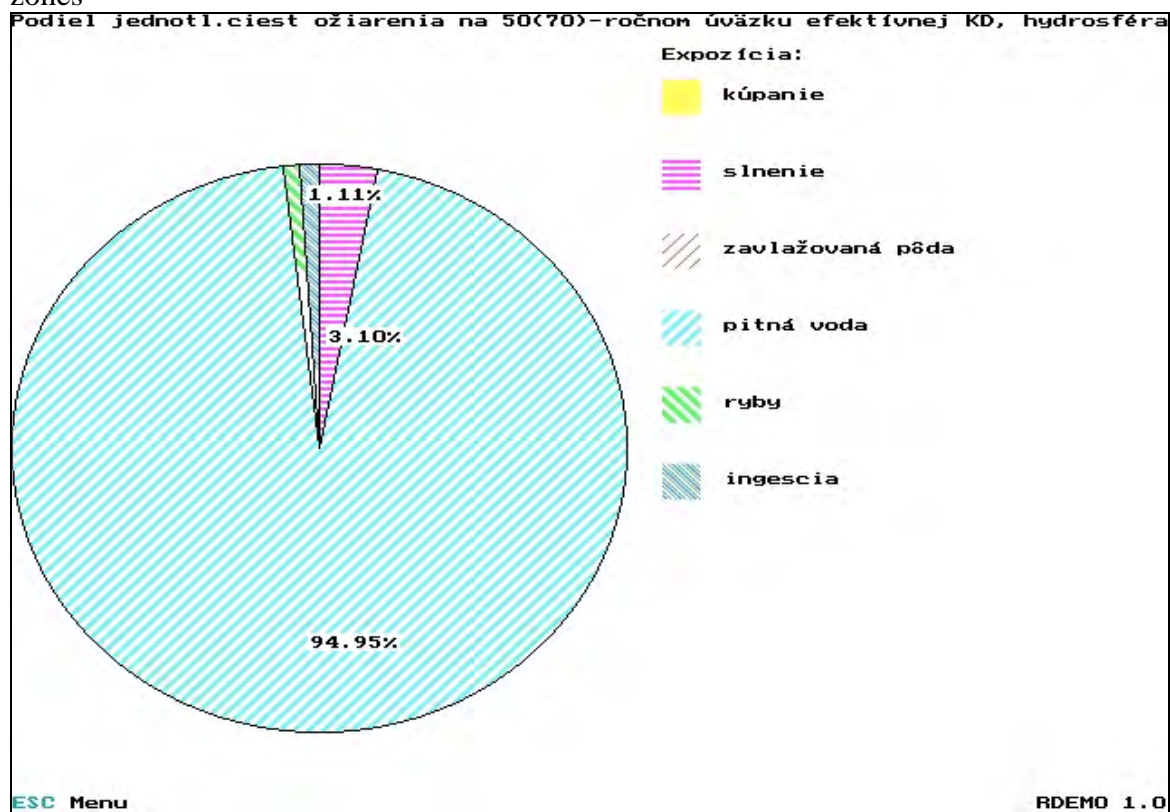
Oblak – cloud

Deposit – deposit

Inhalácia – inhalation

Ingescia – ingestion

Fig. 3.16: Share of individual pathways on 50(70)-year CED bond from hydrosphere, for all zones



Kúpanie – swimming

Slnenie – sunbathing

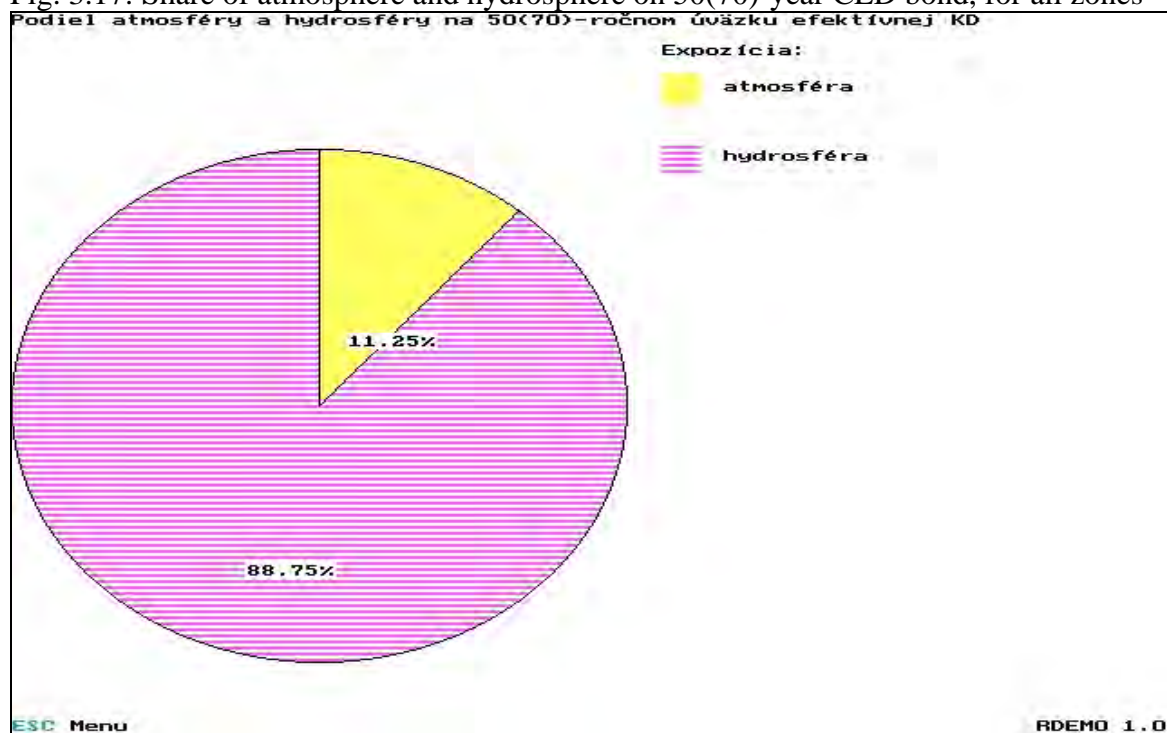
Zavlažovaná pôda – irrigated land

Pitná voda – potable water

Ryby – fish

Ingescia - ingestion

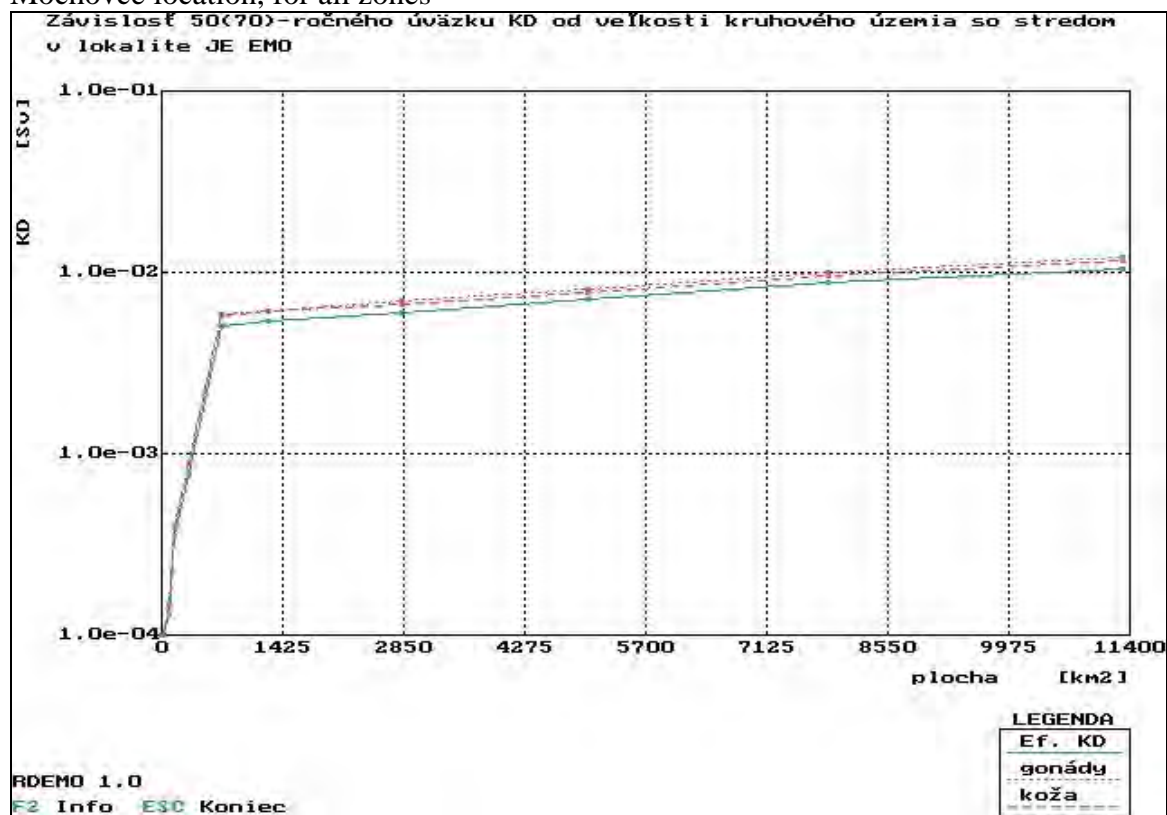
Fig. 3.17: Share of atmosphere and hydrosphere on 50(70)-year CED bond, for all zones



Atmosféra - atmosphere

Hydrosféra - hydrosphere

Fig. 3.18: Dependence of 50(70)-year CED bond on the circular territory size in center in NPP Mochovce location, for all zones



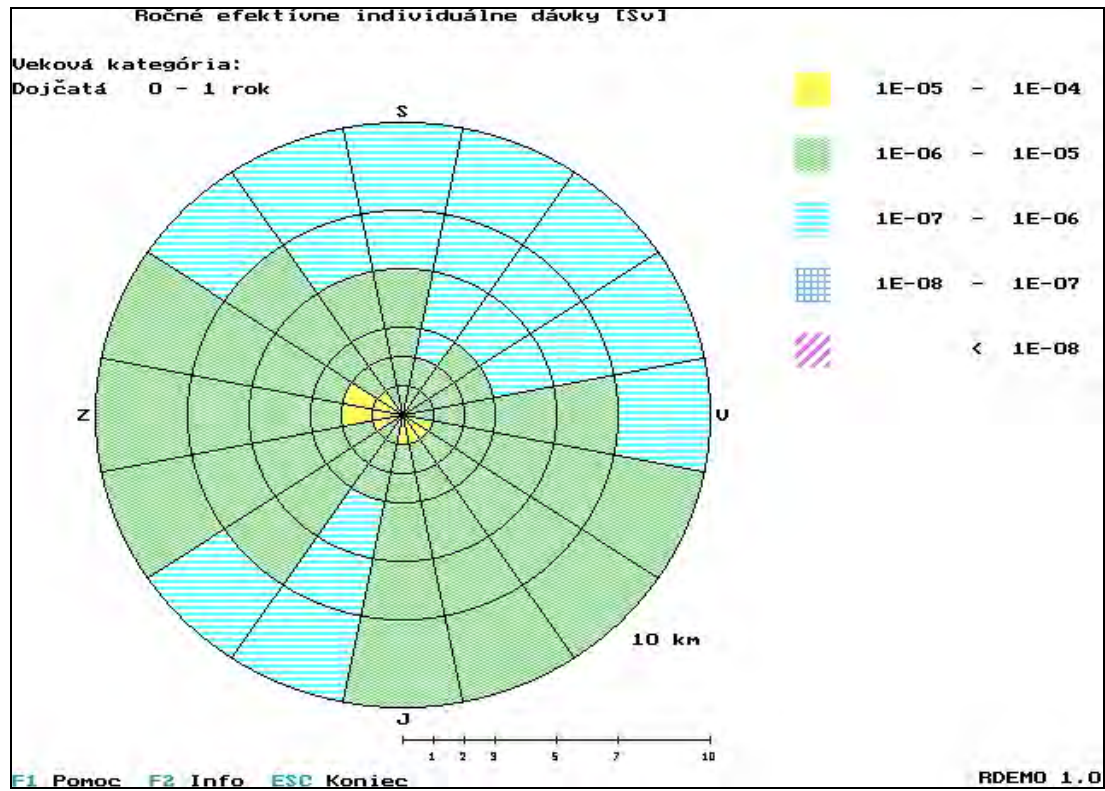
Legend:

Ef. KD – effective collective dose

Gonády – gonads

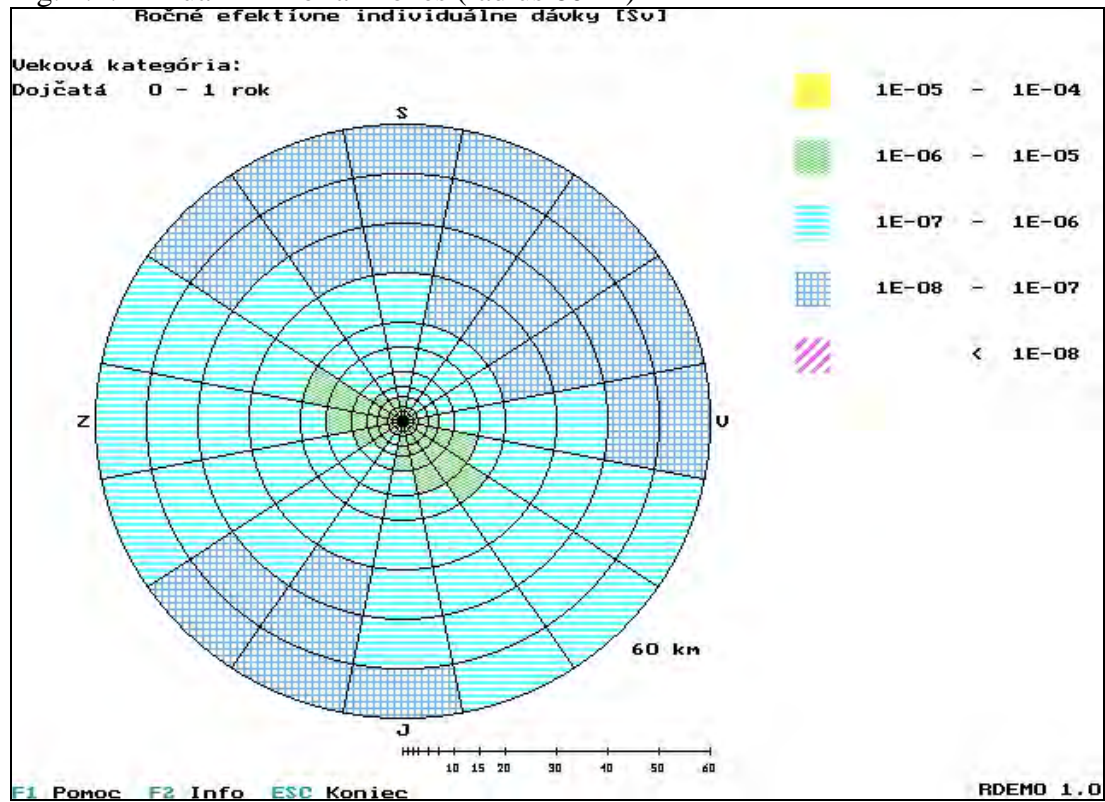
Koža - skin

Fig. 4.1: Annual IED for all zones (radius 10km)



Veková ... - age category
 Dojčatá ... - infants 0 - 1 year old

Fig. 4.2: Annual IED for all zones (radius 60km)



Veková ... - age category
 Dojčatá ... - infants 0 - 1 year old

Fig. 4.3: 50(70)-year CED bonds for all zones (radius 10km)

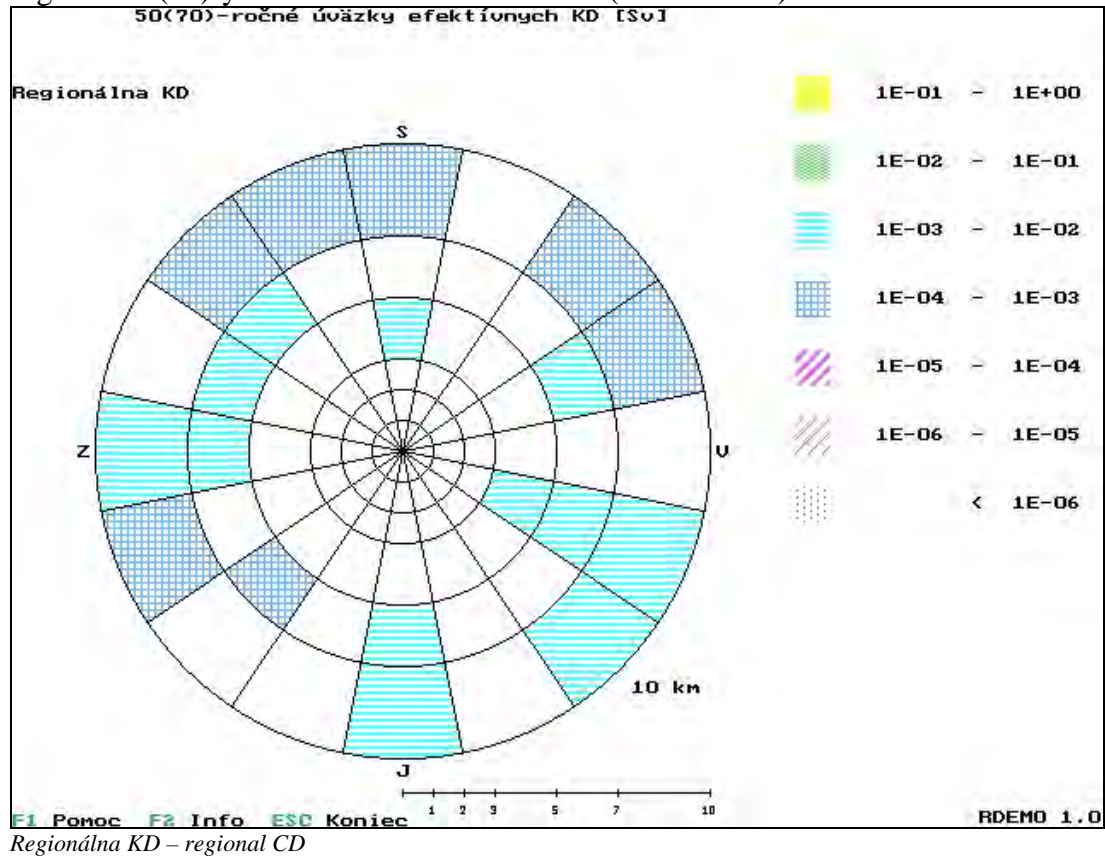


Fig. 4.4: 50(70)-year CED bonds for all zones (radius 60km)

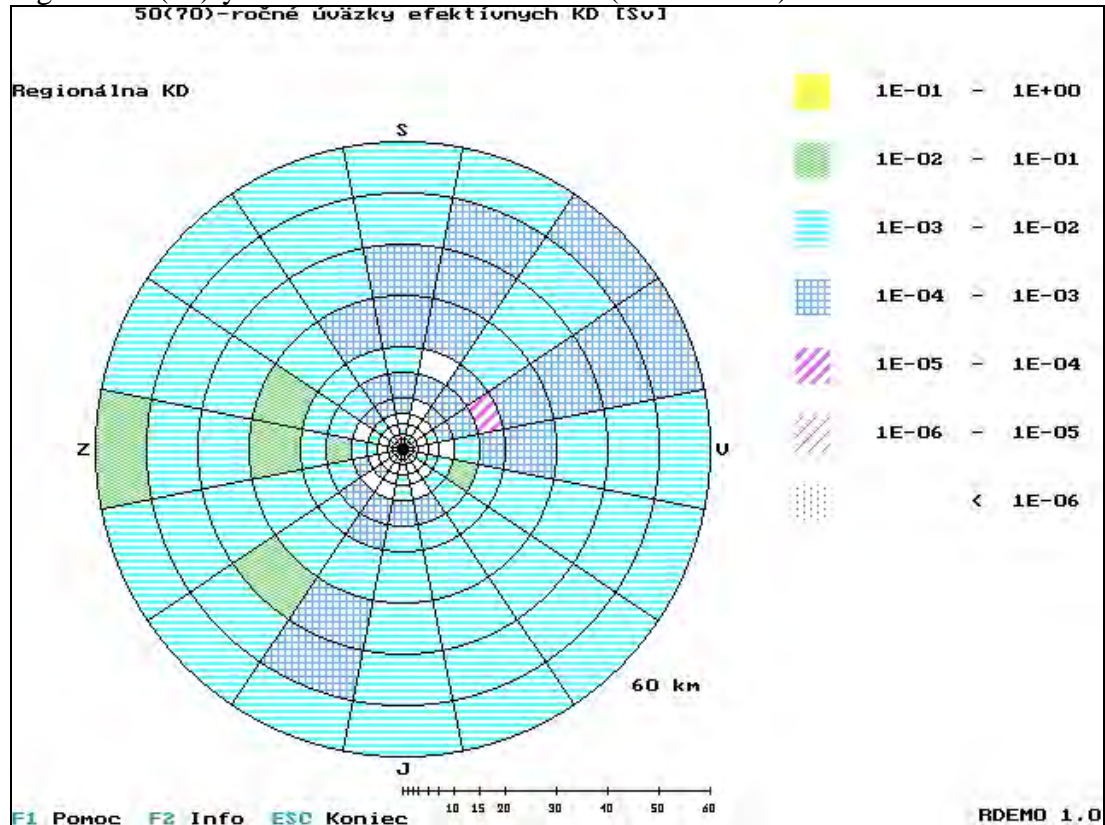
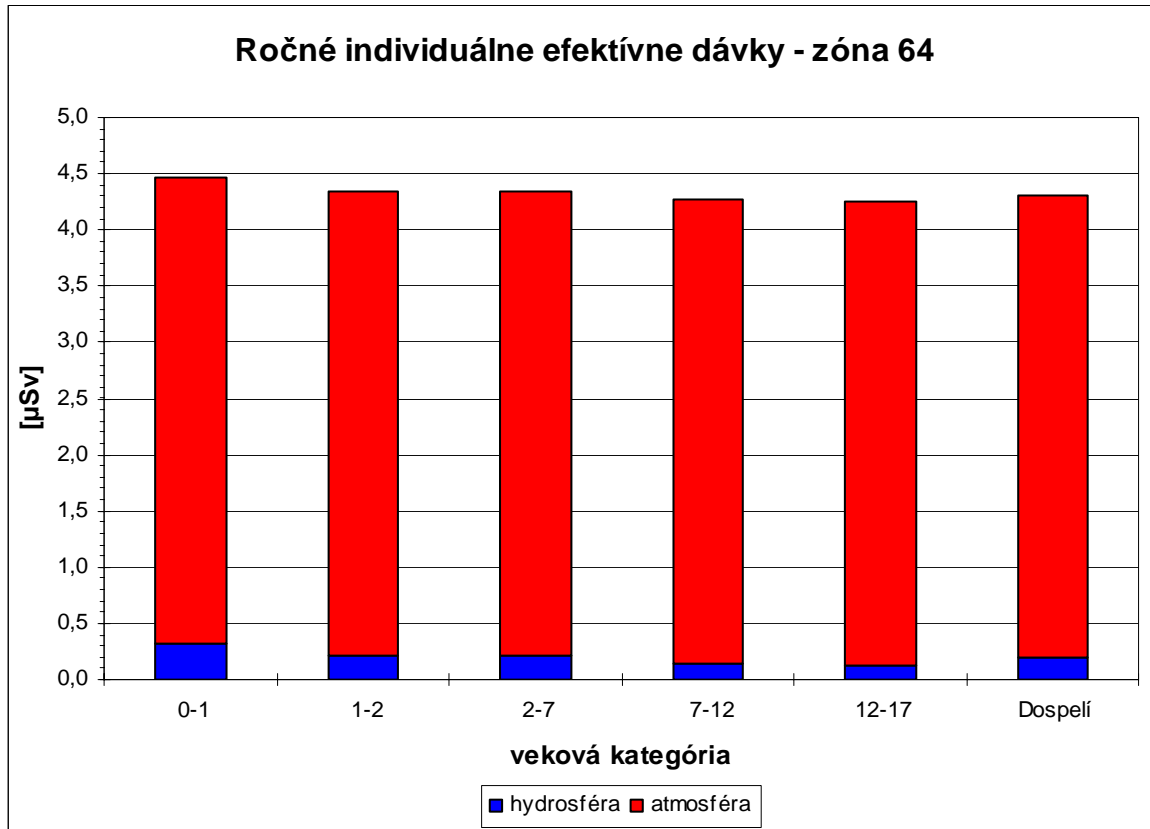


Fig. 4.5: Annual individual effective doses in zone



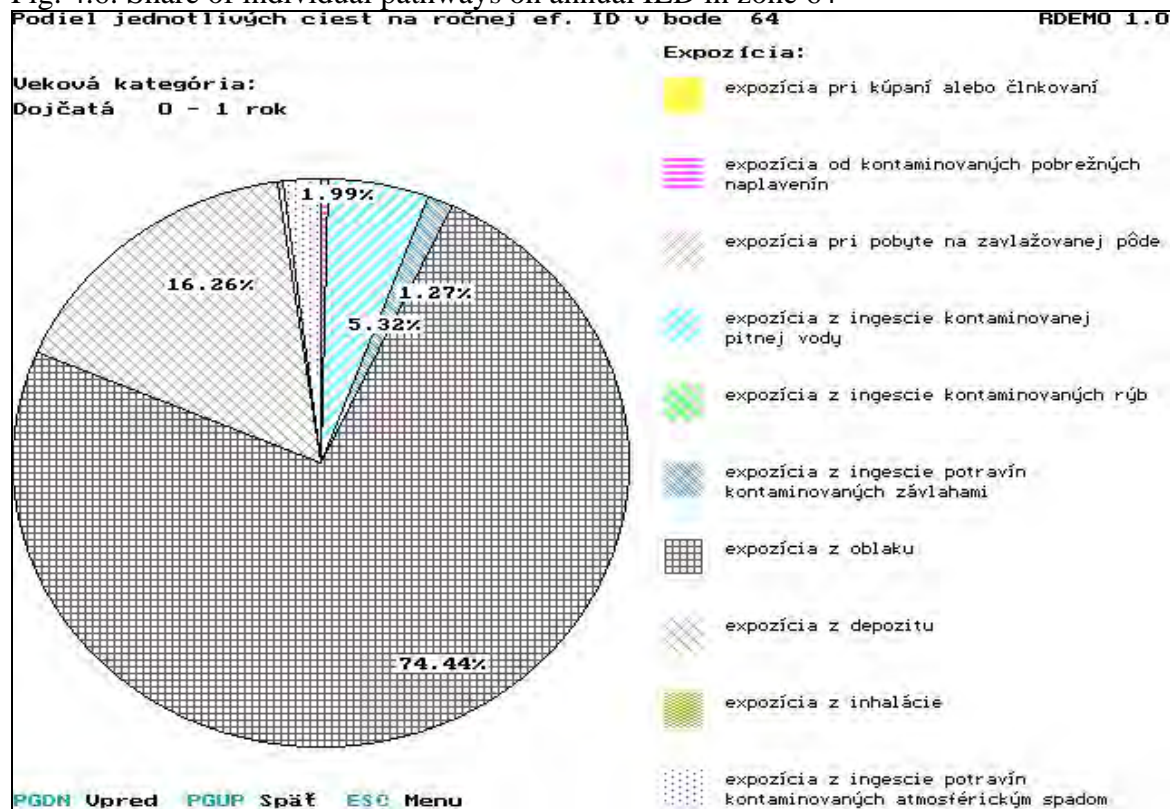
Axis x: age category

Dospelí – adults

Hydrosféra – hydrosphere

Atmosféra - atmosphere

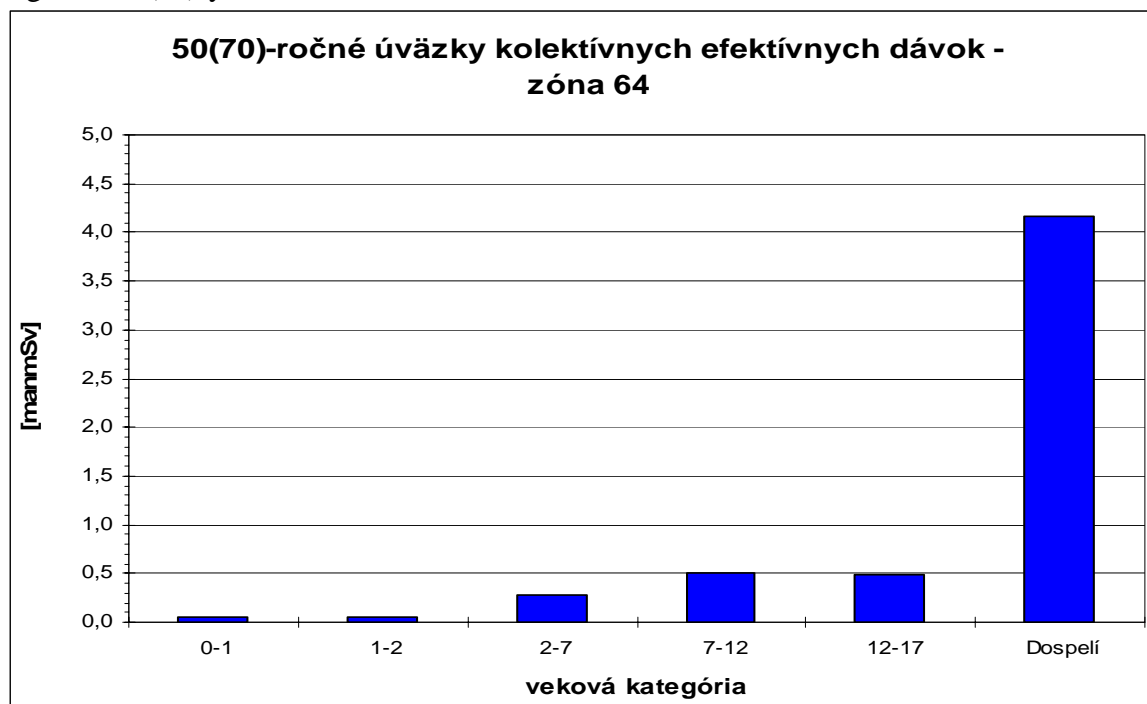
Fig. 4.6: Share of individual pathways on annual IED in zone 64



Expozícia – exposition

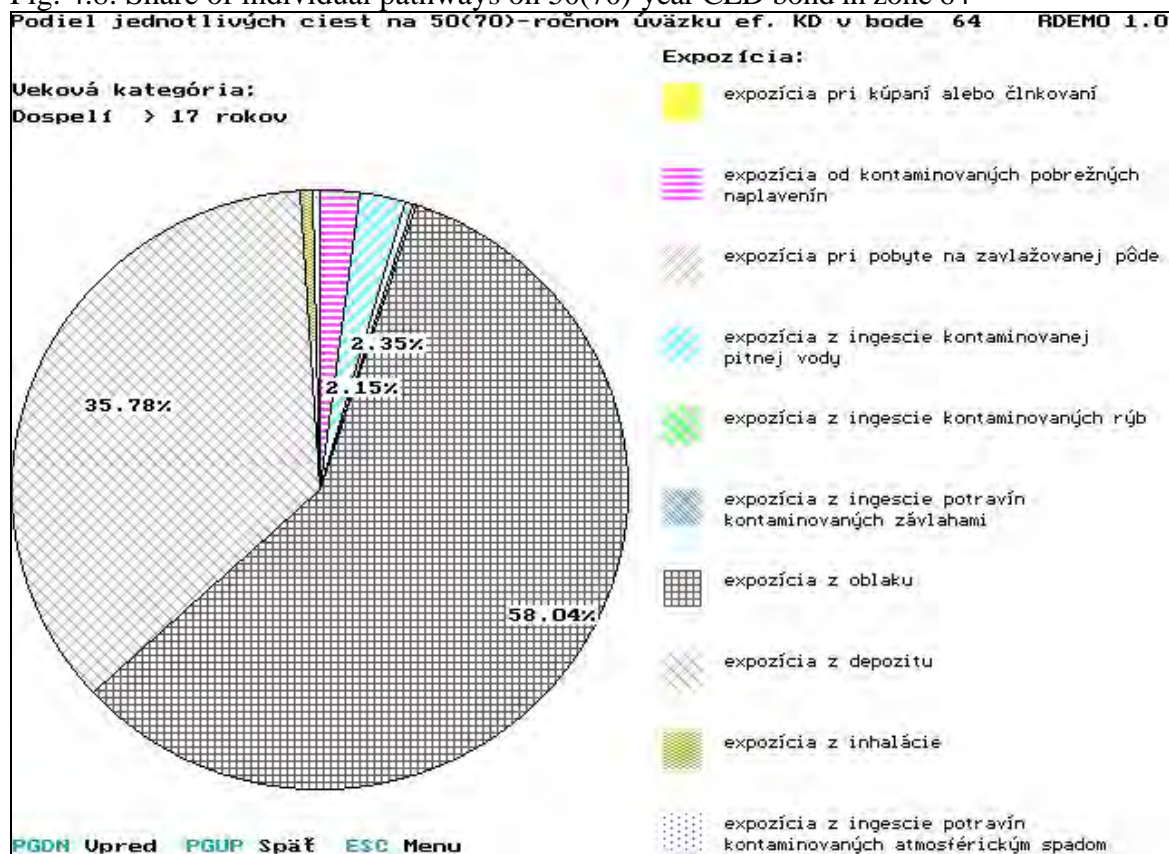
... pri kúpaní ... - at swimming or sailing
 ... od kontaminovaných ... - by contaminated bank sediments
 ... pri pobyte ... - from stay at irrigated land
 ... z ingescie kontaminovanej... - from ingestion of contaminated potable water
 ... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
 ... z ingescie potravín... - from ingestion of food contaminated by irrigations
 ... z oblaku – from cloud
 ... z depozitu – from deposit
 ... z inhalácie – from inhalation
 ... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 4.7: 50(70)-year bonds of collective effective doses in zone 64



Axis x: age category
 Dospelí - adults

Fig. 4.8: Share of individual pathways on 50(70)-year CED bond in zone 64

**Expozícia – exposition**

... pri kúpaní ... - at swimming or sailing

... od kontaminovaných ... - by contaminated bank sediments

... pri pobyte ... - from stay at irrigated land

... z ingescie kontaminovanej... - from ingestion of contaminated potable water

... z ingescie kontaminovaných rýb – from ingestion of contaminated fish

... z ingescie potravín... - from ingestion of food contaminated by irrigations

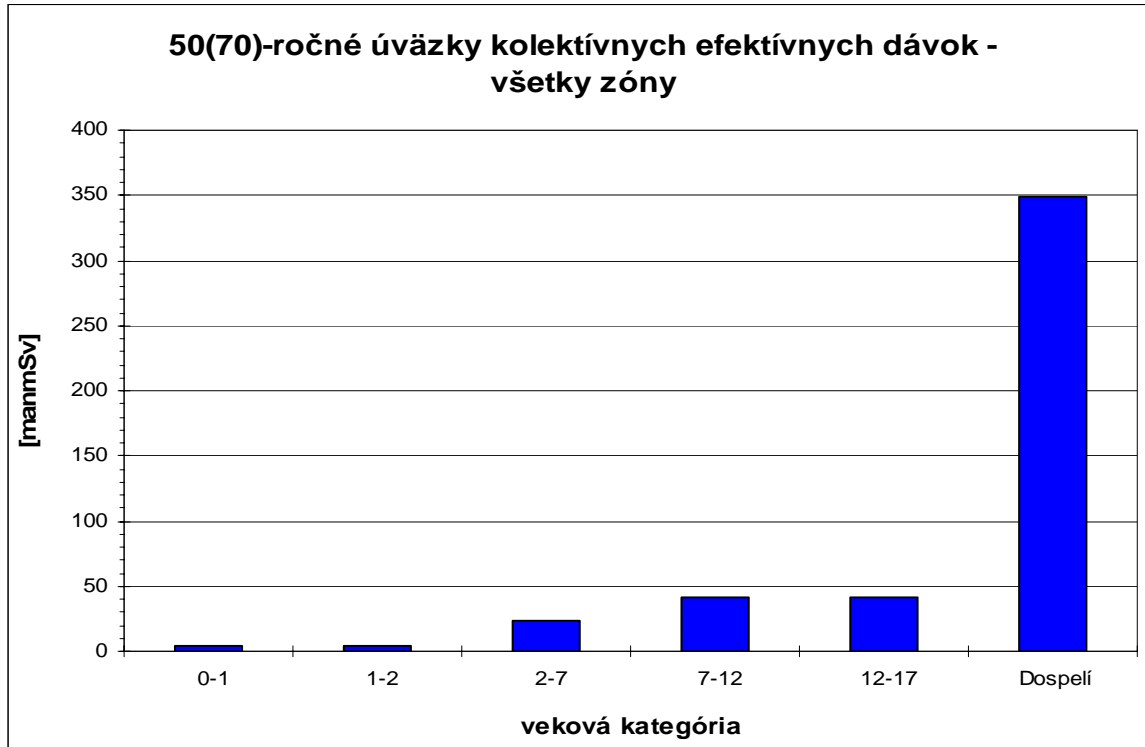
... z oblaku – from cloud

... z depozitu – from deposit

... z inhalácie – from inhalation

... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

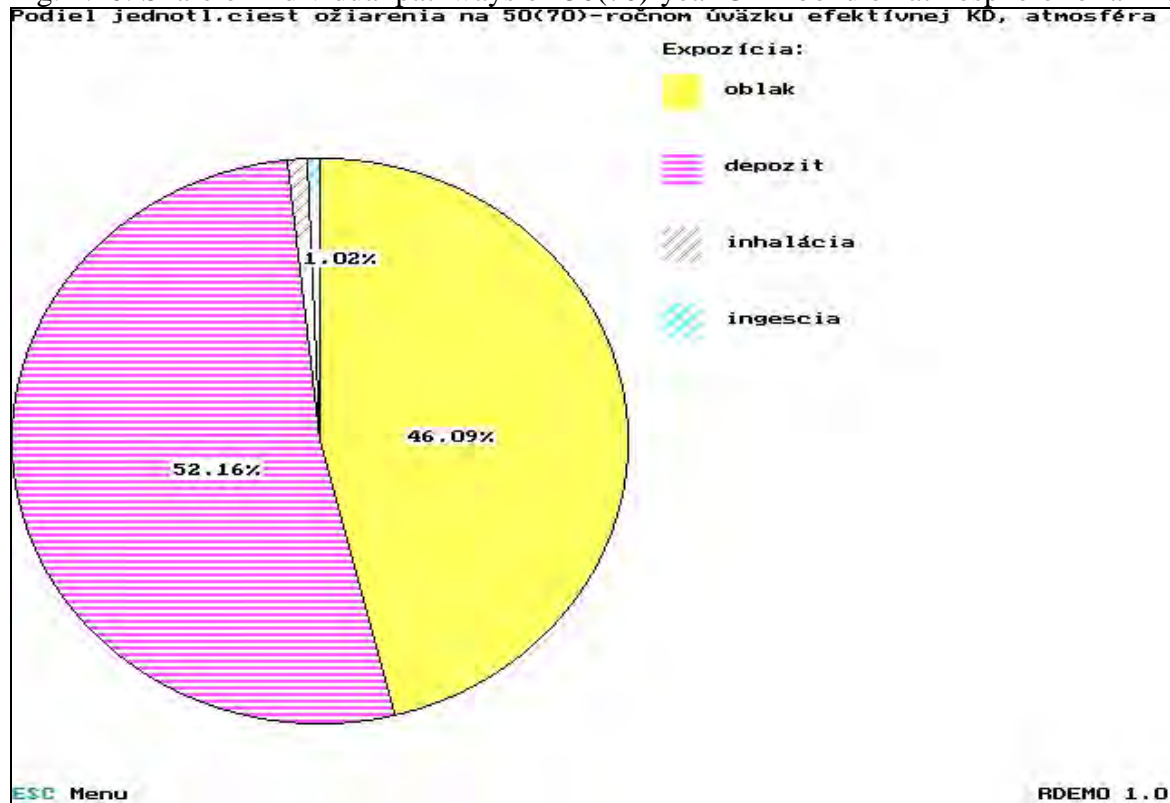
Fig. 4.9: 50(70)-year bonds of collective effective doses for all zones



Axis x: age category

Dospelí - adults

Fig. 4.10: Share of individual pathways on 50(70)-year CED bond on atmosphere for all zones



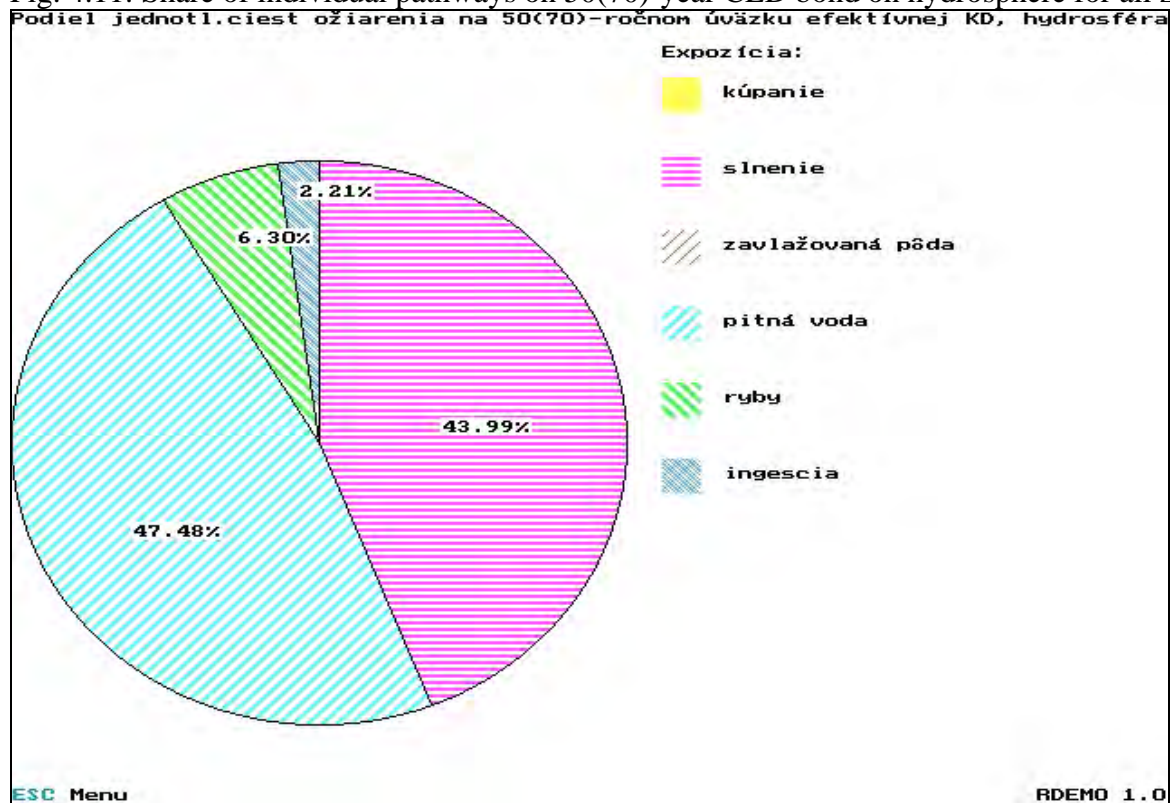
Oblak – cloud

Deposit – deposit

Inhalácia – inhalation

Ingescia – ingestion

Fig. 4.11: Share of individual pathways on 50(70)-year CED bond on hydrosphere for all zones



Kúpanie – swimming

Slnenie – sunbathing

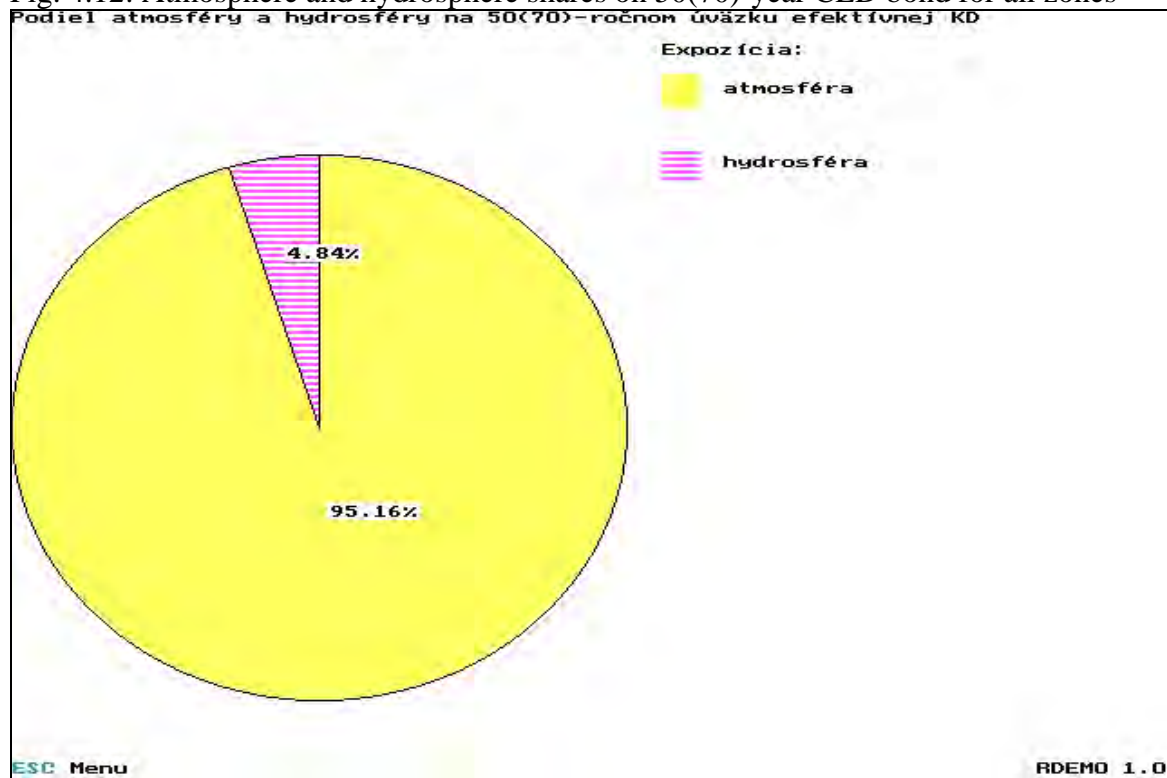
Zavlažovaná pôda – irrigated land

Pitná voda – potable water

Ryby – fish

Ingescia - ingestion

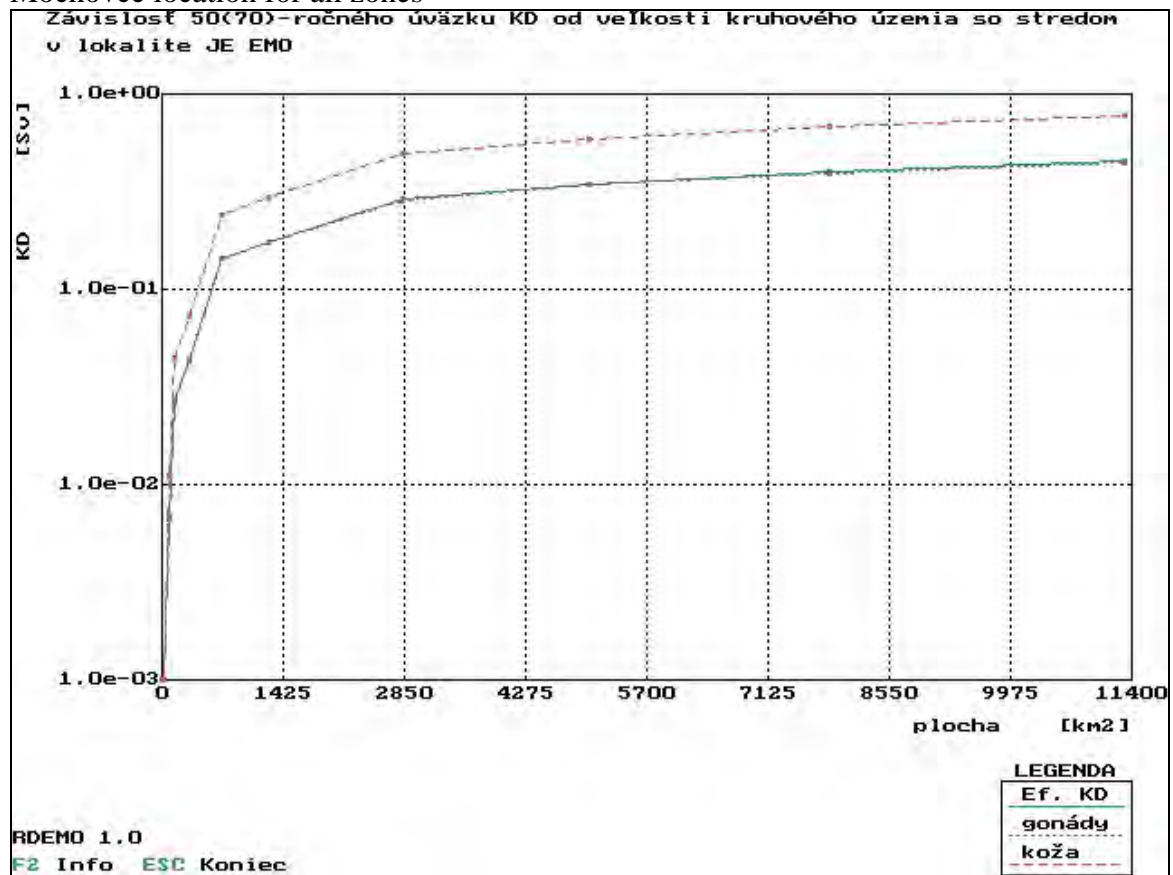
Fig. 4.12: Atmosphere and hydrosphere shares on 50(70)-year CED bond for all zones



Hydrosféra – hydrosphere

Atmosféra - atmosphere

Fig. 4.13: Dependence of 50(70)-year CED bond on circular territory size with center in NPP Mochovce location for all zones



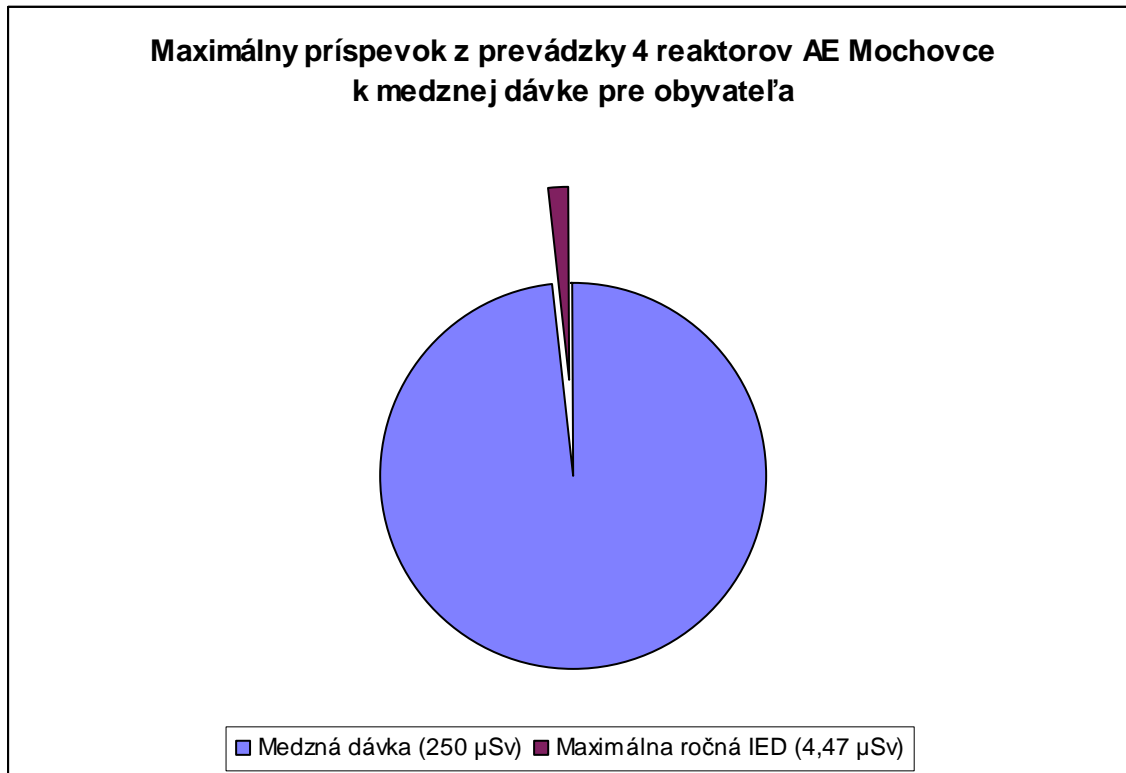
Legend:

Ef. KD – effective collective dose

Gonády – gonads

Koža - skin

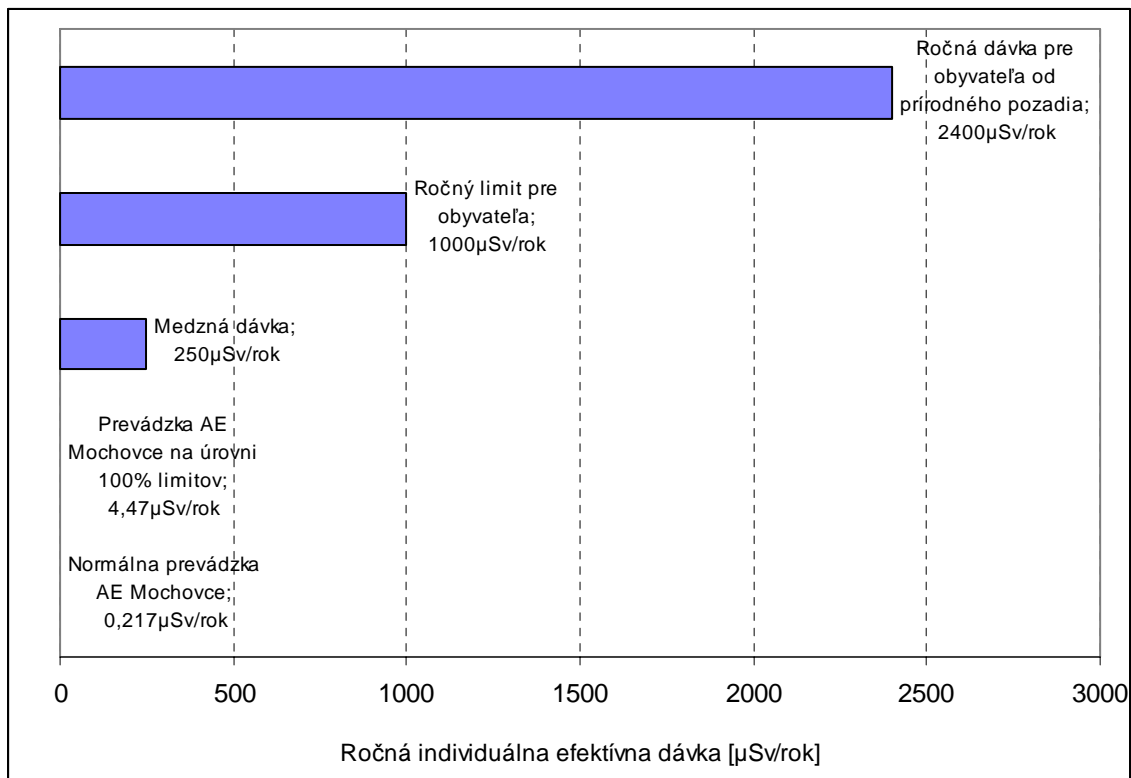
Fig. 5.1: Maximal contribution from operation of four reactors in NPP Mochovce to limit value / inhabitant



Medzná dávka – limit dose

Maximálna ... - maximal annual IED

Fig. 5.2: Comparison between RAS discharge from NPP Mochovce and doses from natural background





July, 2009

Report of monitoring of radioactivity in the SE-EMO environment (years 2005 - 2008)

ANNEX 4.2



A world of
capabilities
delivered locally





**Slovenské elektrárne, a.s.,
NPP Mochovce**

**The Report on Monitoring of Radioactivity in the SE – EMO
Environment**

for the years 2005, 2006, 2007 and 2008

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**Slovenské elektrárne, a.s.,
NPP Mochovce**

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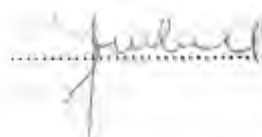
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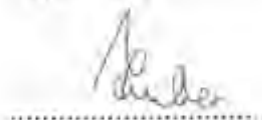
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Levice, 27. 02. 2006

Notes to the results achieved in 2005

Monitoring of the SE – EMO environment is purposed on permanent obtaining of the data on SE – EMO environmental radioactivity and thus on ensuring environmental impacts of the operation of Atómové elektrárne Mochovce to be controlled.

This „Report on Monitoring of Radioactivity in the SE – EMO Environment“ is aimed at providing an overview of a complex group of results and data obtained on radioactivity of the NPP Mochovce environment.

There are located 15 stable dosimetric stations around Atómové elektrárne Mochovce and a station in the locality of RR RAW. The stations take off aerosole particles permanently by their absorption in the filter. Moreover, they contain a polyethylene tank for fallout collection (wet and dry together) and there are located cartridges equipped with TL dosimeters at arms installed at the stations. The environmental radiation monitoring covers an area of circa 15 km from the power plant.

This report specifies results of the operation monitoring in the form required by „the Program of Radiation Monitoring of the SE-EMO environment, QA-07-01“.

Table: An overview of operation monitoring for 2005.

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2005	Real status in 2005
Ionization chamber	Input dose from γ radiation in the air	14	monthly	168	180
Ionization chamber (Hať V.Kozmálovce)	Input dose from γ radiation in the air	1	semestrial	2	2
TLD	Input dose from γ radiation in the air	15	monthly	180	252
Aerosols	Gamma	15	weekly	780	777
	Total beta activity	15	weekly	780	777
Fallout SDS	Gamma	15	quarterly	60	60
	Gross beta activity	15	quarterly	60	60
Soils (6x SDS)	Gamma	6	semestrial	12	12
	Strontium	6	annually	6	6
Sediments	Gamma	4	quarterly	16	16
	Strontium	4	annually	4	4
Surface water	Gamma	8	quarterly	32	32
	Strontium, tritium	8	quarterly	32	32
	Gross alfa, beta	2	quarterly	8	8
Drinking water	Gamma	5	quarterly	20	20
	Strontium, tritium	5	quarterly	20	20
Underground water (discharge pipes)	Gamma	4	semestrial	8	7
	Strontium, tritium	4	semestrial	8	7
Drills RK (SE - EMO)	Gamma	17	semestrial	12	12
	Strontium, tritium	17	semestrial	12	12
Components of the food chain	Gamma	16	annually	32	59
	Strontium	16	annually	16	16
	Tritium	1, 2	annually	1, 2	0
Milk	Gamma	1, 2	weekly	52 - 104	48
	Strontium	1	Čifáre monthly	12	12
Fish	Gamma	1	annually	1	6
	Strontium	1	annually	1	1
Meat	Gamma	1	annually	1	1
	Strontium	1	annually	1	1
Snow	Gamma	1	when it occurs	-	9
	Strontium, tritium	1	3 times per year	-	3
IN SITU Measurement	Gamma	5 localities	semestrial	10	10
Soils IN SITU	Gama	5 localities	semestrial	30	30
	Strontium	5	annually	5	5
Grass	Gama	5 localities	semestrial	10	9

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Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2005	Real status in 2005
IN SITU					
TLD (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Ionizačná komora (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Fallout SDS (RÚ RaO)	Gamma	1	quarterly	4	4
	Gross beta activity	1	quarterly	4	4
Underground water (vrty RÚ RaO)	Gamma	6	quarterly	24	24
	Strontium, tritium	6	quarterly	24	24
Surface water (RÚ RaO)	Gamma	2	quarterly	8	8
	Strontium, tritium	2	quarterly	8	8
Sediments (RÚ RaO)	Gamma	2	quarterly	8	8
	Strontium	2	once a year	2	2
Soils (RÚ RaO)	Gamma	4	quarterly	16	16
	Strontium	4	once a year	4	4
Grass (RÚ RaO)	Gamma	4	semestrial	8	8
	Alphaspectrometry	-	-	-	6
	^{14}C	-	-	-	6

Note No 1: in addition to the monitoring plan, we perform measurements in the ionization chamber beside the cooling towers.

Note No 2: no sample of clover for tritium analysis was taken off. Clover was short and dry.

We monitor the dose rates and doses from TLD at locations distant up to 20 km from SE-EMO as well. These so called emergency dosimeters currently cover 50 locations. We have collected and evaluated them three times in 2005. Results from the dosimeters have not been included in our report.

A part of our report is focused on statistic processing of the data, which should help us in our better orientation during the data evaluation and verification, indicating the impacts of NPP Mochovce res. during visual checks of tables containing measured data.

All the results presented in the report are marked with „N“ – commonly usable data – in terms of QA-07-01. We have marked all the values exceeding the investigating level (3 sigma) with symbol „E“, while the values had been used in the statistic processing. No result was marked with „R“ – rejected.

Statistic processing of results and data analyses were performed through the STATGRAPHICS software (version 5), sometimes in Microsoft Excel. Results from these softwares have been inserted in our report. Regarding the incompatibility of the STATGRAPHICS software and the office information system, it seems to be very difficult to paste plots from STATGRAPHICS in Word documents. We had to deal with this fact through a complicated annexing.

Radionuclides in the environment, while their behavior investigated at the only off-take point and various time points or at several off-take points at the same time, represent normal res. lognormal distribution.

Lognormal distribution is similar to the normal one, just in this case, logarithms of investigated values shall be assigned to the Gauss's distribution law. This distribution is typical for the constants, whose absolute values are very low (close to zero) and are characterized by a significant (even of an order) dispersion. Usually it is going on the constants, whose investigated time or space dependence is complicated and affected by various environmental parameters that we don't exactly know.

Lognormal distribution is characterized by geometric mean estimation and geometric dispersion estimation. Accordingly to its definition, the geometric mean is a median value of the distribution, i.e. such a value divides the group of lognormally distributed values onto two identical parts regarding their quantity and it is called a half quantile $Q(1/2)$; it means that 50 % of the data is lower and 50 % is higher than the geometric mean. Thus we also present the geometric mean in the overall statistics. STATGRAPHICS does not include in the literature so often recommended Shapiro-Wilk's test for lognormal dependence of environmental constants, thus we have omitted such investigation of measured values (Excel does not include it either).

The data analyzing procedure consisted of following steps:

We have defined the symmetry degree by the Box and Whisker plot. Width of the Box is meaningless for us. Median of the sample is shown as a line across the box and the average may be shown as a + key. Deviating points are marked by * key. Ends of the box indicate the interquantile range (upper quartile $F_H = 75$.percentile and lower quartile $F_D = 25$ percentile). Start point of the upper line (Whisker) on plots represents the maximum value and start point of the lower line represents the minimum value.

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In order to check assumptions for the data selection from the aspect of meeting the normal distribution, we have also presented the variation coefficient value in the overall statistics. If the variation coefficient > 1 , then the values shall not fall within the normal distribution. This phase also includes the normal probability plot (quantile plot), while the values are ordered in accordance with the order statistics in this plot. This plot enables us to read the quantiles. If the values belong to the normal distribution, printed points should create an almost straight line.

The symmetry can be also checked through a skewness res. kurtosis; these values are presented in the overall statistics by the samples. In the overall statistics, we have presented for example mean, dispersion, median etc. showing the diversion and shape positions. Negative values of the skewness coefficient are typical for an asymmetric distribution skewed to the right (more frequent appearance of higher values). Positive values are typical for the distribution skewed to the left (more frequent appearance of lower values). Kurtosis coefficients compare the distribution with the normal distribution. Negative values indicate flatter distribution, positive values indicate more kurtosis distribution. The mode represents the most frequent value.

Through the testing of hypothesis from individual sections we have estimated, under a certain probability, whether the statements on parameters from the file are true or false. During the tests, we have also made large simplifications, whereas the group of data obtained from one location is very small and its analysis is too complicated.

In accordance with the Program of Radiation Monitoring of the SE-EMO Environment - QA-07-01, SE-EMO plant declares radiological impacts of the power plant operation on the environment and on inhabitants through the environmental radiation monitoring. Monitoring activities are aimed at documenting that radiological impacts, i.e. exposure of inhabitants and concentration of isotopes from emissions are below the limits presented in the Annex No 1 to the Decree No 12/2001 of the Ministry of Health of SR on Requirements for Ensuring the Radiation Protection (and L&P laid down by NRA SR) and that the impacts are as low as reasonably achievable – ALARA.

The report regarding the period of 2005 is based on the pre-operation (the section related to the statistic processing of results) and operation period from the past years. Monitoring results demonstrate that impacts of SE-EMO units 1 and 2 during standard operation are close to zero in spite of a high sensitivity of the equipment applied. Tritium and ^{90}Sr values measured in surface waters (the Hron River) comply with the SE-EMO project values and with the legal requirements (the Decree of the government of SR No 491/2002, by which the indicators of permissible pollution level of surface waters – tritium - are set forth) too. Results from monitoring of the air, soils, agricultural products, from thermoluminescent dosimeters or ionization chambers did not reveal impacts of SE-EMO operation on the background values of radionuclides in the SE-EMO environment (consisting of terrestrial radionuclides, ^{238}U , ^{232}Th , ^{40}K , ^7Be and antropogenic radionuclides - ^{137}Cs , ^{134}Cs , ^{90}Sr produced during nuclear tests in the air and during the Tchernobyl disaster) either. Traceability of ^{137}Cs according to its source of origin is currently very difficult; moreover, we have also detected a leakage of ^{137}Cs from Spanish metalworks in Algericas in 1998 (it was found in aerosols and in cow milk). The only exception is water plants (see the comment and the table on agricultural products) to be monitored further.

Results from monitoring of the SE-EMO environment in 2005 demonstrate that the radiological impacts of the SE-EMO operation on the environment in 2004 and exposure of inhabitants were not only below the limits specified, but they were practically undetectable. The way of operating the systems of gaseous and liquid emissions treatment and their permitting ensure the emissions maintained ALARA.

In spite of these conclusions, some values exceed the values of investigation levels. Investigation levels equal to three sigma were calculated in the last two years and they could be affected by off-take conditions (particularly the meteorological ones) of these years significantly. Values higher than five sigma have been only recorded in the gross beta activity at filters.

Dose rate measured by TLD

Dose res. dose rates of gamma radiation in the air in SDS locations are measured by HARSHAW 4500 equipment and TLD cards consisting of: 2x TLD 100 (LiF:Mg,Ti) characterized by low fading and being suitable to a long-term monitoring as for example emergency dosimeters up to 10 Gy, and 2x TLD 200 (CaF₂:Dy) characterized by high fading, higher sensitivity and being suitable to a monitoring with duration of circa 1 month. Our report contains results from both types of dosimeters. The results are evaluated in a ambient dose equivalent H*(10).

There are located six other TL dosimeters in the SE-EMO area purposed on measuring the operation and emergency radiation situation.

In terms of the monitoring program QA-07-01, we have also monitored exceeding the investigation levels at the locations. Investigation levels (3σ) of dose rates of gamma radiation in the air measured by TLD have been exceeded at the following locations:

<i>Location</i>	<i>Investigation level (nSv/hour)</i>	<i>Month</i>	<i>Obtained value (nSv/hour)</i>	<i>Location</i>	<i>Investigation level (nSv/hour)</i>	<i>Month</i>	<i>Obtained value (nSv/hour)</i>
Levice	104	12	107	Kalná n/Hr	94	12	95
N. Tekov	118	12	121	V. Ďur	120	12	137
Č. Hrádok	111	12	125	SE EMO - metrológia	132	12	142

5 σ investigation levels have not been exceeded.

Regarding incompatibility of software tools Statgraphics and Office information system, the plot statistic data processing presented in the following annex was performed in a more complicated way.

The dosimeter at the location No 15 presented in plots is installed at the roof of ERML.

Following tables contain basic statistic data from following locations: all Mochovce locations – NPP location, Nový Tekov – a municipality in the sector 6 with prevailing wind streaming, Rybník – a municipality in the sector 4.

Tables: Basic statistic data

	All locations		SDS Mochovce	
	TLD 100	TLD 200	TLD 100	TLD 200
Variable:				
Sample size	180	180	12	12
Average	85.0111	82.9722	96.75	90.4167
Median	83.5	83	92	89
Mode	84	77	88	86
Geometric mean	83.6967	82.4135	96.133	90.0574
Variance	231.508	93.826	134.023	73.5379
Standard deviation	15.2154	9.68638	11.5768	8.57542
Standard error	1.13409	0.72198	3.34194	2.47551
Minimum	51	60	84	78
Maximum	137	108	115	108
Range	86	48	31	30
Lower quartile	74	76	88	86
Upper quartile	94	89.5	110	93
Interquartile range	20	13.5	22	7
Skewness	0.57911	0.271048	0.52261	0.86789
Standardized skewness	3.17192	1.48459	0.739082	1.22738
Kurtosis	0.387166	-0.241296	-1.54815	0.697779
Standardized kurtosis	1.0603	-0.660816	-1.0947	0.493405
Coeff. of variation	17.8981	11.6742	11.9657	9.48434
Sum	15302	14935	1161	1085

	SDS Nový Tekov		SDS Rybník	
	TLD 100	TLD 200	TLD 100	TLD 200
Variable:				
Sample size	12	12	12	12
Average	76.3333	83.6667	85.0833	87.25
Median	82	83	88	86.5
Mode	81	83	86	85
Geometric mean	69.3872	83.4408	83.9407	86.9834
Variance	528.788	41.8788	194.447	50.5682
Standard deviation	22.9954	6.47138	13.9444	7.11113
Standard error	6.6382	1.86813	4.02541	2.05281
Minimum	12	74	56	73
Maximum	96	95	109	102
Range	84	21	53	29
Lower quartile	74	79.5	77.5	84.5
Upper quartile	90.5	87.5	93.5	91.5
Interquartile range	16.5	8	16	7
Skewness	-2.26943	0.464161	-0.585627	0.125481
Standardized skewness	-3.20946	0.656423	-0.828201	0.177457
Kurtosis	5.89512	-0.454907	0.803369	1.66686
Standardized kurtosis	4.16848	-0.321668	0.568067	1.17865
Coeff. of variation	30.125	7.73472	16.3891	8.15029
Sum	916	1004	1021	1047

Conclusion: The variation coefficient is always lower than 1, i.e. the data distribution could be simulated by a normal curve. Skewness and kurtosis of the investigated situations achieve both positive and negative values.

Figures No 1 & 2: Box and Whisker plots for TLD 100 dosimeters – SDS locations (the order of locations is determined by the order of SDS in our report). Comparison of medians has shown their slight decrease against 2004. The plot No 2 is only presented to demonstrate behavior of the locations during the year; as we can see, the locations are affected by their natural background only. There were detected some deviating points (both plots) at several locations during the monitored period.

Figures No 3, 4, 5: Box and Whisker plots for TLD 200 dosimeters – SDS locations (the order of locations is determined by the order of SDS in our report) and Box and Whisker plots for TLD 100 dosimeters – locations at the NPP location (the order of locations is determined by the order in our report). Comparing to the last year, dosimeters have proven slight decrease of median, as we can see at Figures 3 and 4.

The same for the location N. Tekov (Fig. No 5), where we can clearly see the data monitored since 1993. Similar characteristics would be obtained for other locations as well.

The old type of dosimeters was used at all locations until 1998 (July).

The significant increase in 1998 was caused by the replacement of the old equipment by a new one (Harshaw) and by its broken photomultiplier.

Figures No 6 & 7: Normal res. lognormal distribution for TLD 100 – all SDS locations

Figures No 8 & 9: Normal res. lognormal distribution for TLD 200 – all SDS locations

Conclusions - Figures 6, 7, 8, 9: Investigation of the SDS cannot confirm normality res. lognormality of such a small number of values (the only value a month, i.e. 12 in total). Thus we have shown the difference between these distributions at the previous figures, while we had considered all SDS as a whole; this approach is very inaccurate regarding various SDS floors, shieldings and so on.

Visual comparison could be significantly supported by quantile plots indicating differences at the total level of the evaluated data as well as differences at variability (differences of balance straight line slopes). The steeper balance straight line, the lower variability. The plots are based on displaying cumulative frequency of the group values at the vertical axis with a probability distribution against the group values at the horizontal axis.

Figures No 10, 11, 12: Quantile plots regarding the group of values for dosimeters TLD 100, 200 & TLD200 – Mochovce SDS location

In the next part of the analysis, we have compared several locations by the dispersion analysis (ANOVA – Excel's software, while results obtained by STATGRAPHICS were identical) in order to find out, whether average values measured at these locations were identical or whether they were very different from those measured in 2004. All populations (locations) were considered as normal ones with identical dispersion. We calculated the dispersion analysis even in the case, when the normality was not confirmed by tests, whereas its conclusions were still close to the truth in assumption that similar selection size had been used.

Mochovce TLD 200, 2005 vs. 2004

factor

<i>selection</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Dispersion</i>
column 1	12	1085	90,41667	73,53788
column 2	12	1157	96,41667	51,17424

ANOVA

<i>Source of variation</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
partial selection	216	1	216	3,463978	0,076136	4,300944
all selection	1371,833	22	62,35606			
total	1587,833	23				

Nový Tekov TLD 200, 2005 vs. 2004

factor

<i>selection</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Dispersion</i>
column 1	12	1004	83,66667	41,87879
column 2	12	1076	89,66667	46,06061

ANOVA

<i>Source of variation</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
partial selection	216	1	216	4,912474	0,037312	4,300944
all selection	967,3333	22	43,9697			
total	1183,333	23				

Rybník TLD 200, 2005 vs. 2004

factor

<i>selection</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Dispersion</i>
column 1	12	1047	87,25	50,56818
column 2	12	1154	96,16667	40,15152

ANOVA

<i>Source of variation</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
partial selection	477,0417	1	477,0417	10,51683	0,003734	4,300944
all selection	997,9167	22	45,35985			
total	1474,958	23				

TLD 200 locations: Mochovce-Nový Tekov-Rybník, 2005

factor

<i>selection</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Dispersion</i>
column 1	12	1085	90,41667	73,53788
column 2	12	1004	83,66667	41,87879
column 3	12	1047	87,25	50,56818

ANOVA

<i>Source of variation</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
partial selection	273,7222	2	136,8611	2,473619	0,099772	3,284924
all selection	1825,833	33	55,32828			
total	2099,556	35				

TLD 200 locations of the Emergency Dosimeters distribution in SE-EMO, 2005

factor

selection	Count	Sum	Average	Dispersion
column 1	12	1172	97,66667	42,06061
column 2	12	1227	102,25	80,38636
column 3	12	950	79,16667	52,15152
column 4	12	991	82,58333	36,81061
column 5	12	1025	85,41667	49,53788
column 6	12	1018	84,83333	59,24242

ANOVA

Source of variation	SS	Difference	MS	F	P value	F crit
partial selection	5016,236	5	1003,247	18,79976	1,43E-11	2,353808
all selection	3522,083	66	53,3649			
total	8538,319	71				

Conclusions: We consider the difference in values and investigated locations as important in the case, when F (testing criterion) is higher than the quantile F_{crit} defined for respective degrees of width specified in the column 3 (Difference). Our investigation was made for a significance level $\alpha = 0.05$. P value is, in fact, the lowest significance level for rejecting the assumption that average values for the locations are identical. Regarding the values „ $\alpha < P$ value“, we have adopted a hypothesis that average values for the locations were identical. Criterion $F > F_{crit}$ is met in the only case, when different locations are compared.

Next analysis was aimed at detecting, whether the samples (in this case dosimeters TLD 100 & TLD 200) came from the same distribution with no regard of normal res. lognormal distribution confirmed. We have used the Kolmogorov-Smirnov Two-Sample Test.

Kolmogorov-Smirnov Two-Sample Test. SDS location	Kolmogorov-Smirnov Two-Sample Test: SE-EMO location
Sample 1: TLD.TLD_1_05 Sample 2: TLD.TLD_2_05	Sample 1: TLD.emo_1_05 Sample 2: TLD.emo_2_05
Estimated overall statistic DN = 0.144444 Approximate significance level = 0.0467743	Estimated overall statistic DN = 0.222222 Approximate significance level = 0.0571297

Figures No 13 & 14 : Distribution functionality of dosimeters TLD 100 & TLD 200 (2004, SDS and SE-EMO locations)

Conclusions: Test results as well as enclosed plots clearly show that the same distribution of values obtained from the both dosimeter sets is very identical; it is more obvious at the SE-EMO locations.

The dispersion analysis allows us to compare means of several basic files, however, in assumption that the basic files have at least approximately normal distribution. If the distribution is not normal, we can use distribution-free methods to compare several means. As a suitable method for such comparison seems to be the Friedman Test based on orders. If the count of compared files – in our case locations (number of agent's ranks) is „k“, then the zero and alternative hypotheses may be configured as follows:

- Distributions of „k“ basic files are identical (having the same values)
- Not all „k“ distributions are identical (having different values)

The summary configuration of this test contains average orders for each locality (in the same way as presented in the table of values), test statistic value and „p“ value. Results can be decided in accordance with the „p“ value.

Friedman Analysis of TLD 100 dosimeters and the locations and TLD 200 dosimeters and the locations around SE EMO

Friedman analysis of TLD.TLD_1_05 by TLD.TLD_lokal			Friedman analysis of TLD.TLD_2_05 by TLD.TLD_lokal		
Level	Sample Size	Average Rank	Level	Sample Size	Average Rank
1	12	4.50000	1	12	3.29167
2	12	2.04167	2	12	2.62500
3	12	13.0000	3	12	12.6667
4	12	9.41667	4	12	8.04167
5	12	7.58333	5	12	11.5000
6	12	12.3750	6	12	10.8333
7	12	6.50000	7	12	3.08333
8	12	5.37500	8	12	8.50000
9	12	8.08333	9	12	7.54167
10	12	6.75000	10	12	5.12500
11	12	11.2083	11	12	12.8750
12	12	7.54167	12	12	7.20833
13	12	13.4583	13	12	13.6667
14	12	8.75000	14	12	11.3333
15	12	3.41667	15	12	1.70833
Test statistic = 100.453 Significance level = 3.88578E-15			Test statistic = 141.253 Significance level = 0		

Friedman Analysis of TLD 100 dosimeters and the SE EMO locations and TLD 200 dosimeters and the SE EMO locations

Friedman analysis of TLD.emo_1_05 by TLD.lokal_emo			Friedman analysis of TLD.emo_2_05 by TLD.lokal_emo		
Level	Sample Size	Average Rank	Level	Sample Size	Average Rank
1	12	5.29167	1	12	5.83333
2	12	1.54167	2	12	1.08333
3	12	1.58333	3	12	2.45833
4	12	4.37500	4	12	3.41667
5	12	3.00000	5	12	3.04167
6	12	5.20833	6	12	5.16667
Test statistic = 50.7212 Significance level = 9.86436E-10			Test statistic = 53.1851 Significance level = 3.08153E-10		

Conclusions: „*p*“ values of all tested locations were very low and the zero hypothesis of identical files at the locations was thus rejected

Another distribution-free test paired with the single-factor ANOVA is Kruskal-Wallis test investigating shapes of the distributions of basic files. The zero hypothesis is that „*k*“ basic files have identical distribution, the alternative hypothesis is that distributions of at least two files differ one from another (have different means). The test results in a size, average orders, calculated values of test statistics and „*p*“ value.

Kruskal-Wallis Analysis of TLD 100 dosimeters and the locations and TLD 200 dosimeters and the locations around SE EMO

Kruskal-Wallis analysis of TLD.TLD_1_05 by TLD.TLD_lokal			Kruskal-Wallis analysis of TLD.TLD_2_05 by TLD.TLD_lokal		
Level	Sample Size	Average Rank	Level	Sample Size	Average Rank
1	12	65.7083	1	12	54.4167
2	12	42.1667	2	12	42.7500
3	12	133.917	3	12	130.042
4	12	97.4583	4	12	96.5000
5	12	80.2083	5	12	117.333
6	12	125.000	6	12	114.958
7	12	82.7500	7	12	52.2500
8	12	69.4583	8	12	97.2917
9	12	92.4583	9	12	91.7500
10	12	83.6250	10	12	68.4583
11	12	118.208	11	12	129.208
12	12	94.7917	12	12	90.8750
13	12	131.375	13	12	135.625
14	12	97.4583	14	12	116.292
15	12	42.9167	15	12	19.7500

Test statistic = 50.878 Significance level = 4.34902E-6 Test statistic = 78.3417 Significance level = 5.73804E-11

Kruskal-Wallis Analysis of TLD 100 dosimeters and the SE EMO locations and TLD 200 dosimeters and the SE EMO locations

Kruskal-Wallis analysis of TLD.emo_1_05 by TLD.lokal_emo			Kruskal-Wallis analysis of TLD.emo_2_05 by TLD.lokal_emo		
Level	Sample Size	Average Rank	Level	Sample Size	Average Rank
1	12	52.2917	1	12	60.4583
2	12	21.0417	2	12	17.5833
3	12	19.3333	3	12	25.0417
4	12	42.7083	4	12	30.9167
5	12	31.7083	5	12	30.0000
6	12	51.9167	6	12	55.0000

Test statistic = 29.6887 Significance level = 1.69822E-5 Test statistic = 40.5858 Significance level = 1.13757E-7

Kruskal-Wallis analysis of TLD 100 dosimeters and the RR RAW locations and TLD 200 dosimeters and the RR RAW locations

Kruskal-Wallis analysis of TLDRAO.hodn_1_05 by TLDRAO.LOKAL_RAO			Kruskal-Wallis analysis of TLDRAO.hodn_2_05 by TLDRAO.LOKAL_RAO		
Level	Sample Size	Average Rank	Level	Sample Size	Average Rank
1	12	12.4583	1	12	13.1250
2	12	29.0000	2	12	29.7500
3	12	25.5833	3	12	22.9583
4	12	30.9583	4	12	32.1667

Test statistic = 12.786 Significance level = 5.12298E-3 Test statistic = 13.4132 Significance level = 3.8231E-3

Conclusions: the zero hypothesis saying that all files have identical distributions was rejected due to very low significance levels. In other words, the locations differ one from another significantly regarding the values of dose rates

The introductory table – an overview of operation monitoring activities in 2005 – contains in total 180 planned measurements of gamma radiation in the air to be performed by TLD; real number of measurements was 252. Regarding the monitoring program QA-07-01, the difference could be found in the fact that there were installed dosimeters in the SE-EMO location for monitoring of potential emergency situations. In order to have a more detailed overview, the table section also contains doses and average dose rates for each location.

Figures No 1, 2

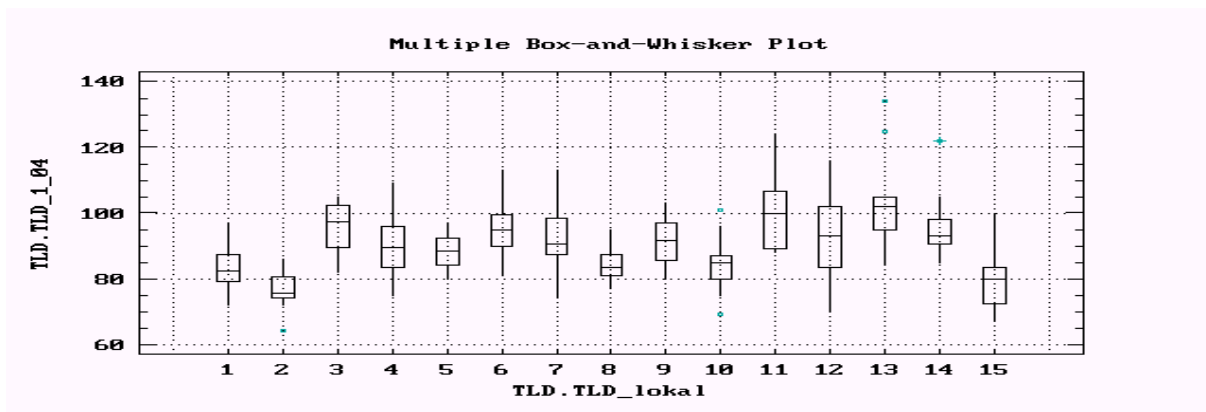
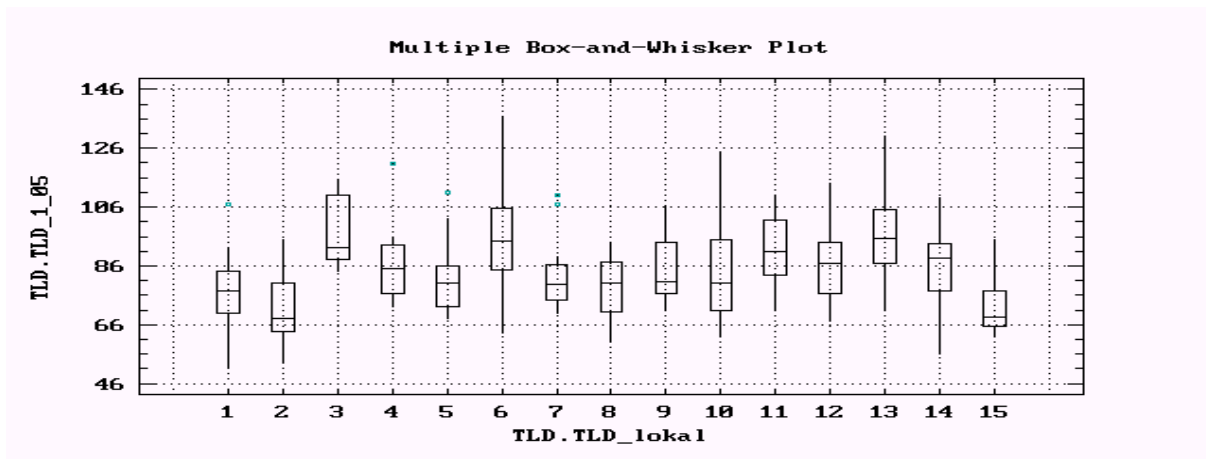


Figure No 3

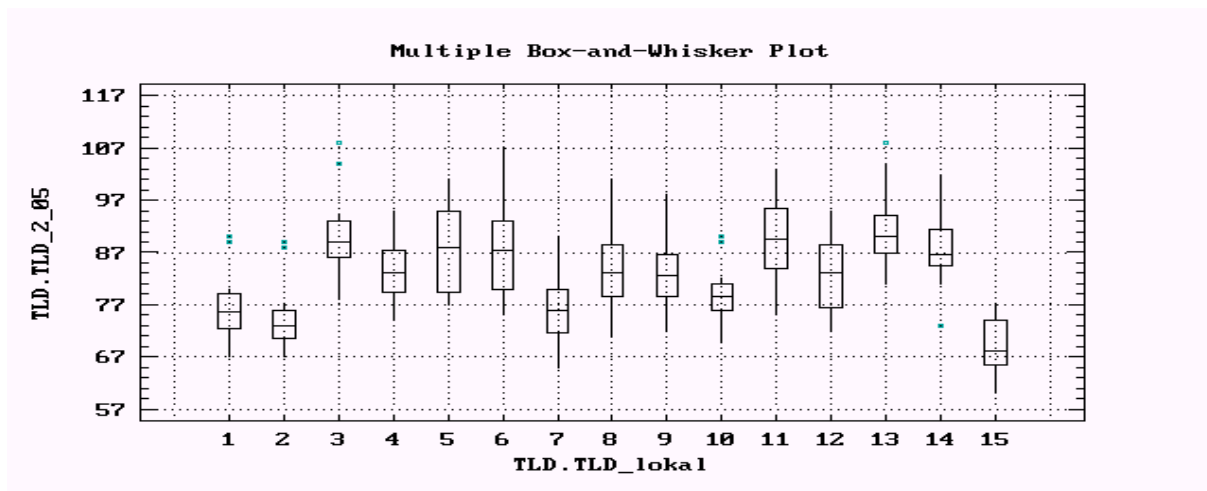


Figure No 4

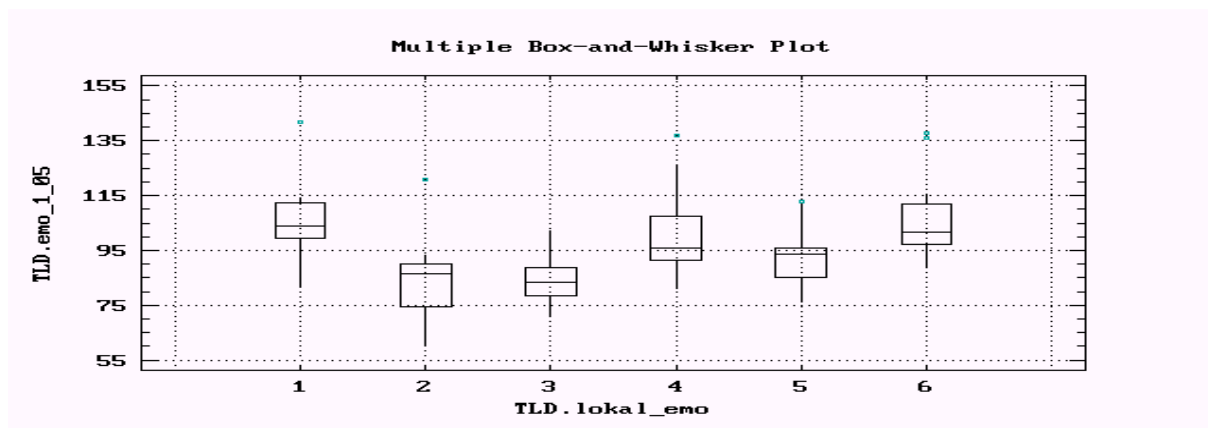
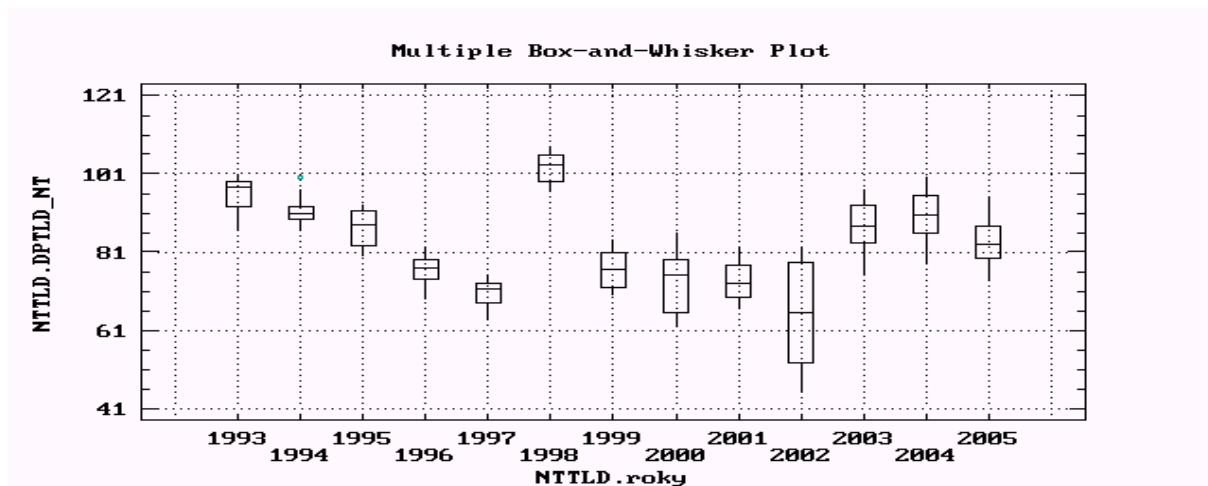
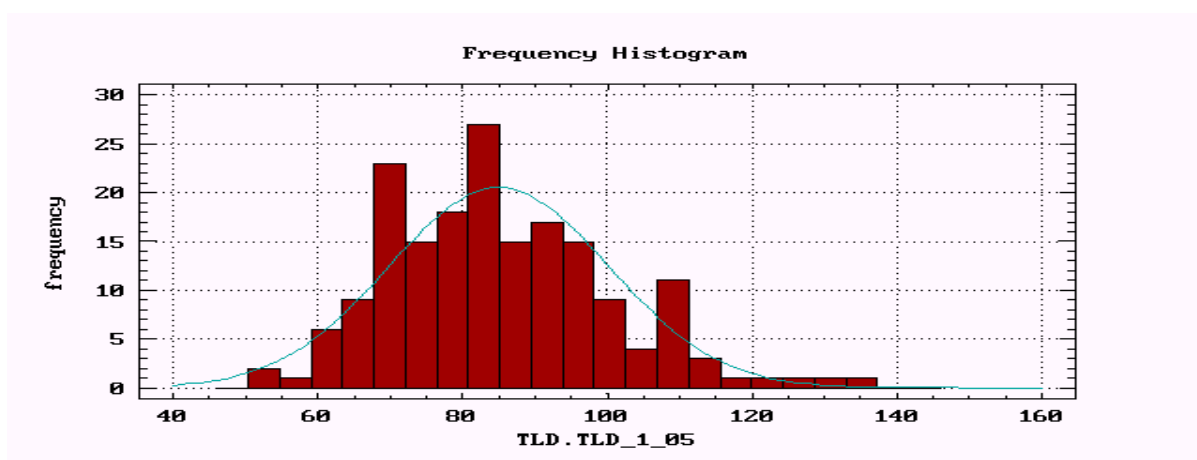
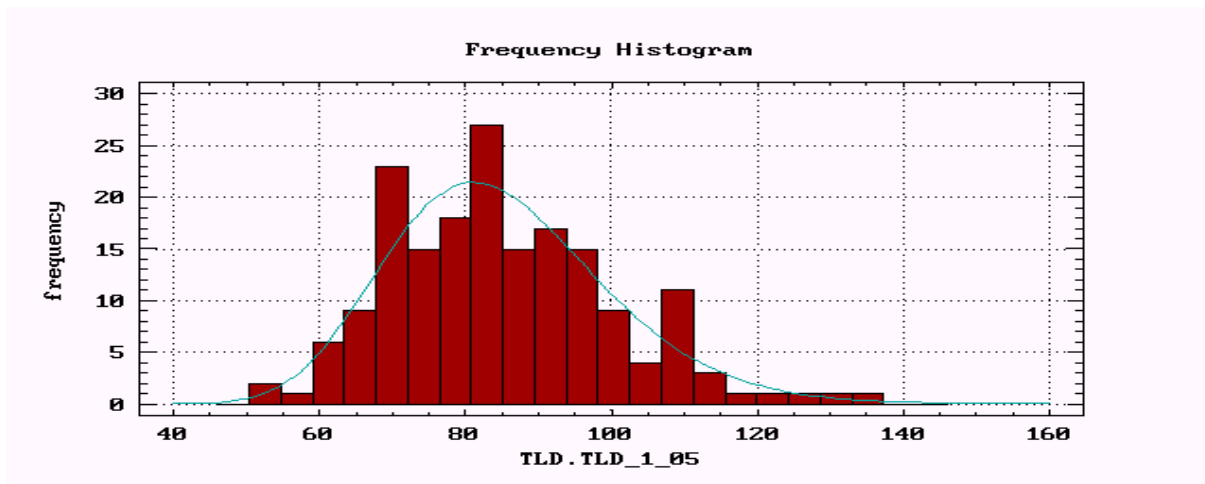


Figure No 5

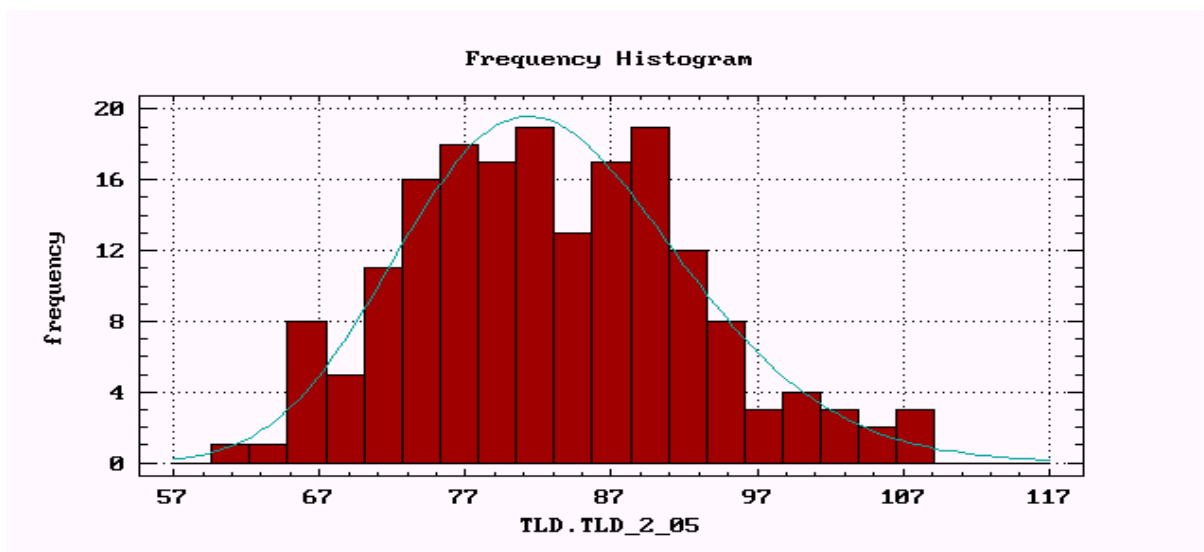
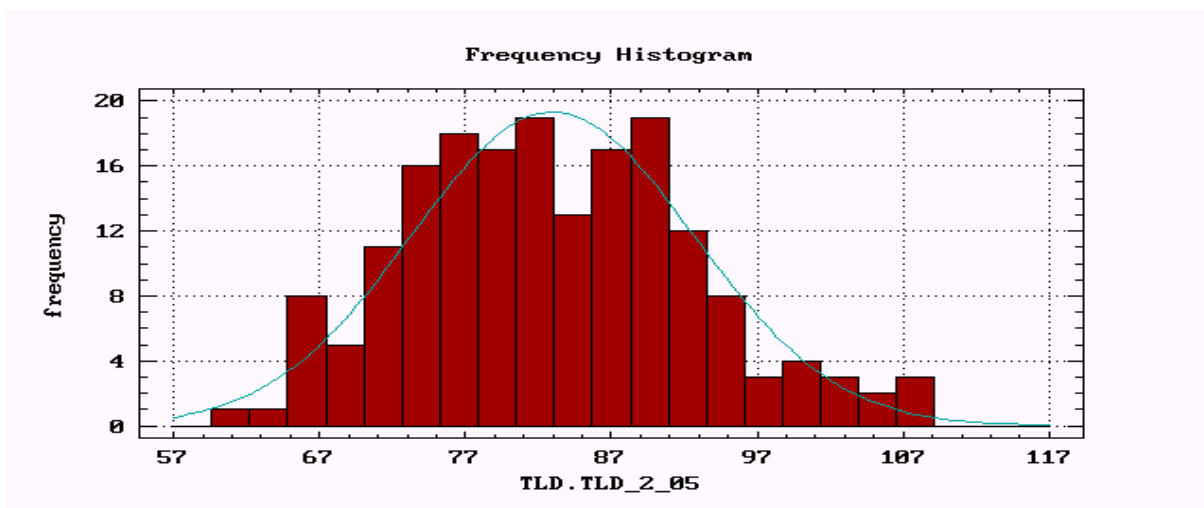


Figures No 6, 7

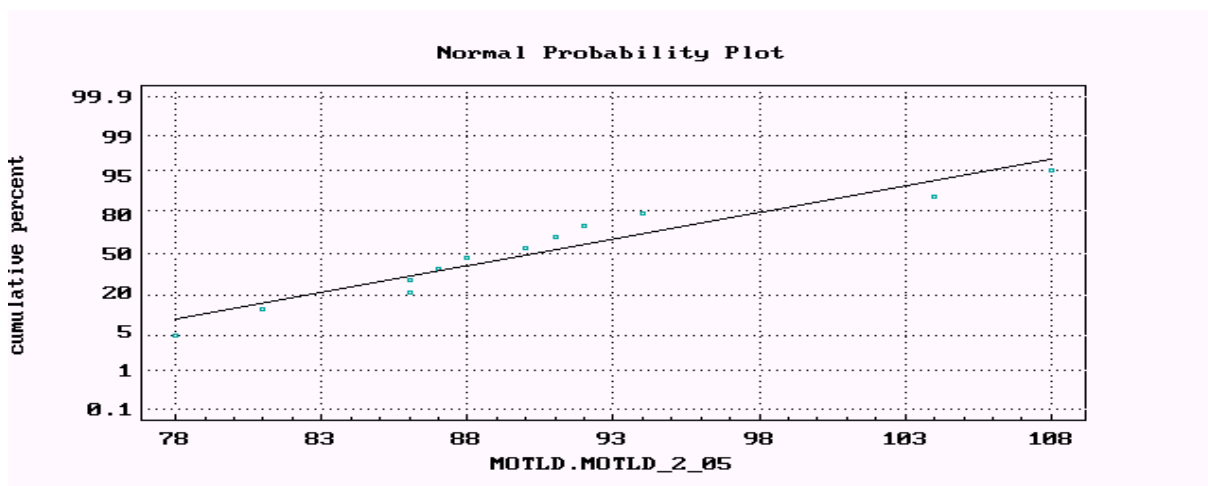
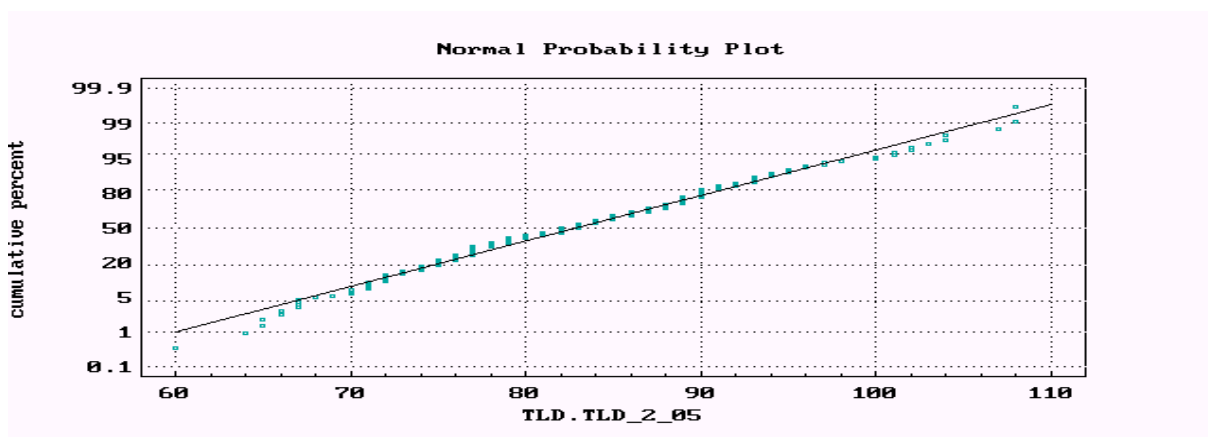
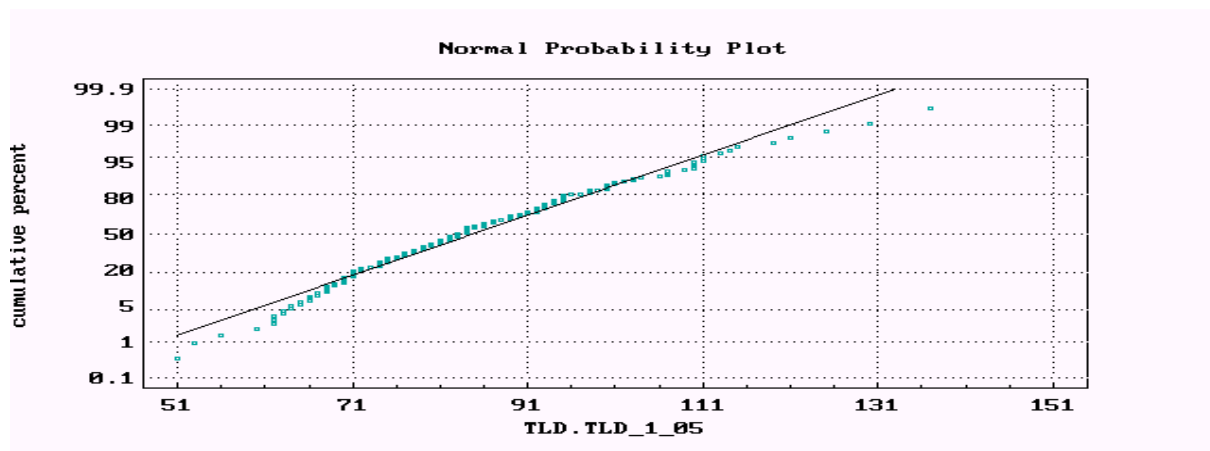




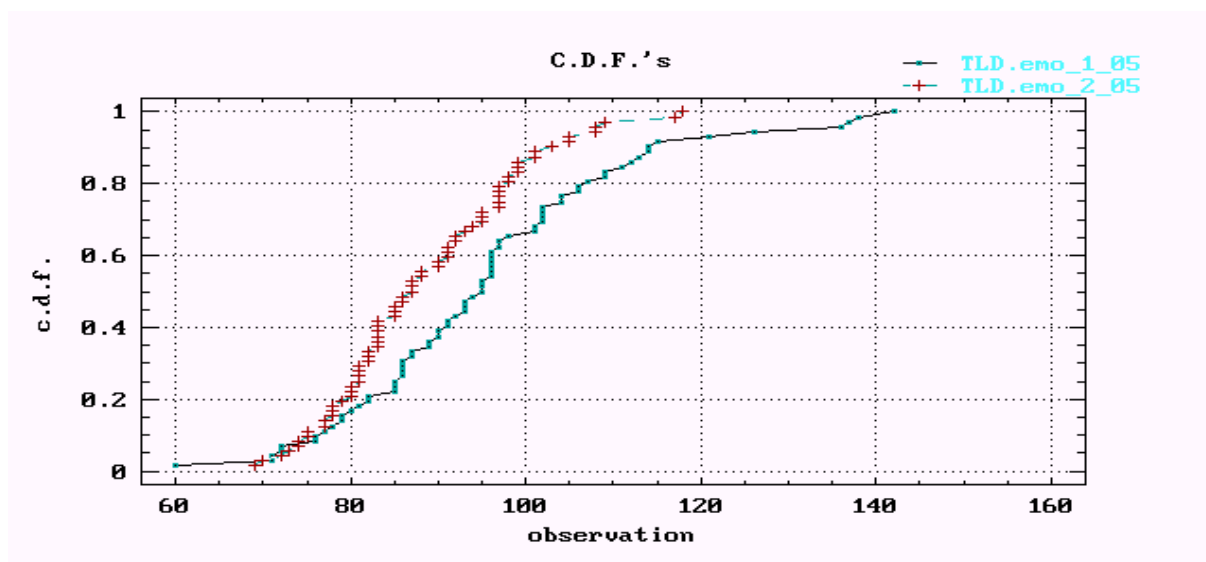
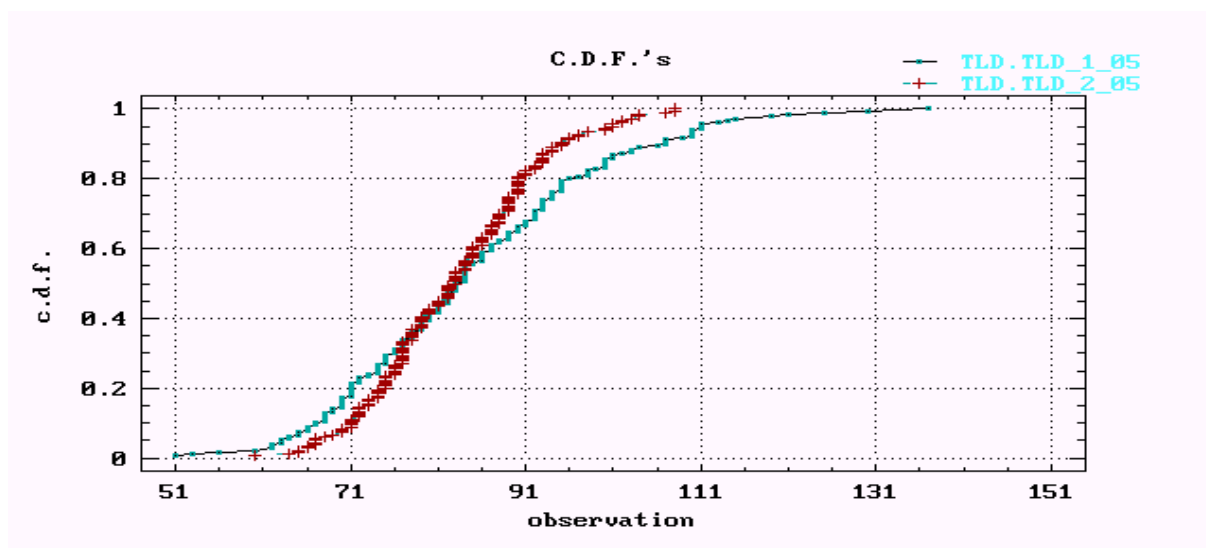
Figures No 8, 9



Figures No 10, 11, 12



Figures No 13, 14



Dose rate measured by IC

Dose rates of gamma radiation in the air are measured in RSS ionization chamber manufactured by Reuter Stokes Company. Dose rates are presented without deduction of a cosmic radiation contribution and the air pressure value corresponds with the data from the Mochovce Weather Station. Results were evaluated under the rate of the ambient dose equivalent $H^*(10)$.

The cosmic radiation contribution was measured at „the Veľké Kozmálovce dam“ as follows:

Date of measurement	30.5.2005	28.9.2005
Place of measurement	Veľké Kozmálovce - Dam	Veľké Kozmálovce - Dam
Obtained value [nSv/h]	50 ± 3	39 ± 4

The minimum value of 68 nSv/hour was obtained at the location SDS Čifáre and the maximum value of 107 nSv/hour was obtained at the location SDS SE-EMO – cooling towers.

Investigation levels for instantaneous inputs of ambient dose equivalent rate have not been exceeded.

Above the scope of the monitoring program QA-07-01, we monitored the location of SE-EMO cooling towers too.

On the base of statistic analyses we can state that median of dose rates from all locations achieved the same level as in 2004. However, values of the instantaneous dose rate depend on the location monitored and on the weather impacts very much.

Table: basic statistic data - SDS Mochovce, SDS Nový Tekov a SDS Rybník

	SDS Mochovce	SDS Nový Tekov	SDS Rybník
Variable:			
Sample size	12	12	12
Average	95.5	96.5833	89
Median	97.5	97.5	95
Mode	98	99	95
Geometric mean	95.2846	96.4406	88.2287
Variance	41.1818	29.1742	139.455
Standard deviation	6.41731	5.40132	11.8091
Standard error	1.85252	1.55923	3.40899
Minimum	78	84	69
Maximum	102	106	101
Range	24	22	32
Lower quartile	94	94	77
Upper quartile	99.5	99.5	97
Interquartile range	5.5	5.5	20
Skewness	-2.06684	-0.825894	-0.838636
Standardized skewness	-2.92296	-1.16799	-1.18601
Kurtosis	5.03332	2.24129	-1.16912
Standardized kurtosis	3.55909	1.58483	-0.826689
Coeff. of variation	6.71969	5.59239	13.2686
Sum	1146	1159	1168

Conclusions: The variation coefficient in the locations monitored is lower than 1, i.e. the data distribution could be well substituted by a normal curve.

Figures No 1, 2: Box and Whisker plots (including deviating points for each location) – all SDS locations (their order is identical with the one used in the final section), deviating points not to be investigated further. For comparison purposes we have also presented the data for 2004.

Figures No 3, 4, 5: Box and Whisker plots – locations SDS Mochovce, Nový Tekov & Rybník (monitored in the period 1987-2005)

Conclusions: Since 1996 we have been using a new measuring equipment RSS 112; this replacement has invoked an increase of monitored values at all locations.

Figures No 6, 7: Normal and lognormal distribution – all SDS locations as a whole

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Figure No 8: Quantile plot for the Mochovce location

Conclusions: Similar plots shall be constructed for other locations too

Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: IK.IK_04 Sample 2: IK.IK_05 Estimated overall statistic DN = 0.0888889 Approximate significance level = 0.475594	Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: NTIK.NT_2005 Sample 2: MOIK.MO_2005 Estimated overall statistic DN = 0.166667 Approximate significance level = 0.996255
Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: NTIK.NT_2005 Sample 2: RYIK.RY_2005 Estimated overall statistic DN = 0.333333 Approximate significance level = 0.517551	Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: MOIK.MO_2005 Sample 2: RYIK.RY_2005 Estimated overall statistic DN = 0.333333 Approximate significance level = 0.517551

Figures No 9, 10: Distribution functions – the description can be found in figures

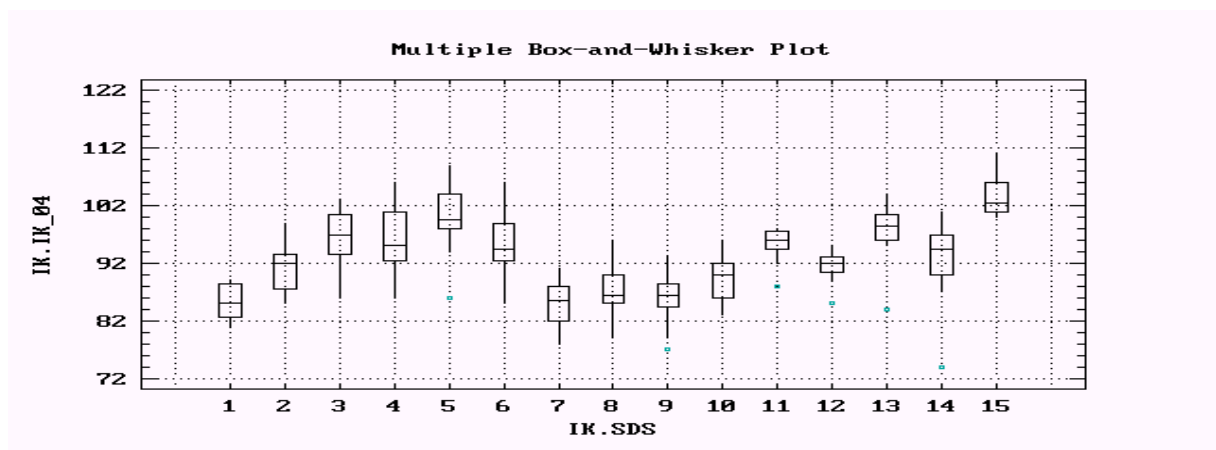
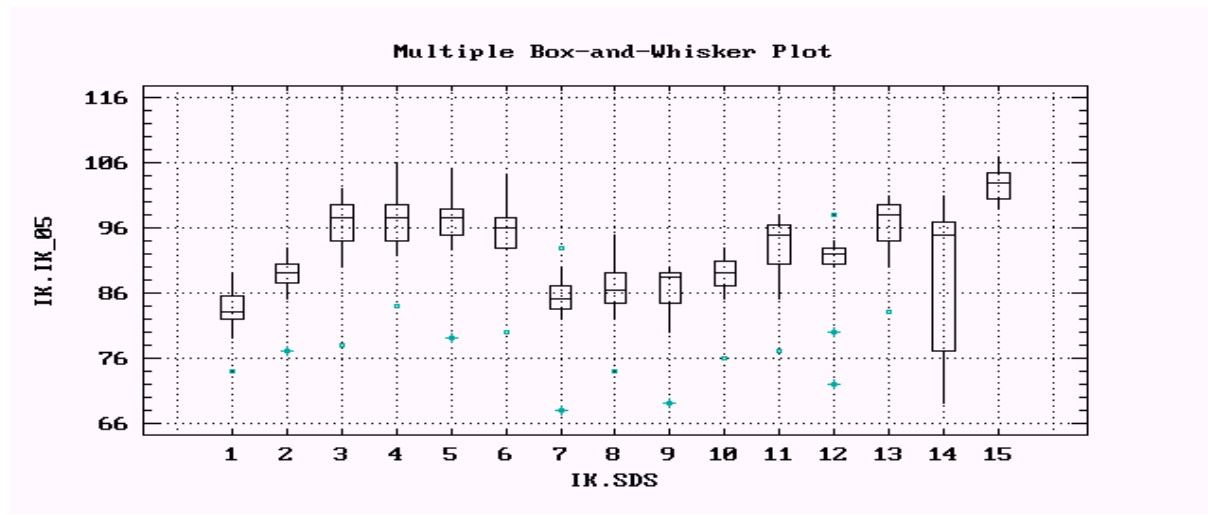
Conclusions: The significance level of a distribution-free test is sufficient enough to prevent the hypothesis on the identical distribution of values from going rejected.

Kruskal-Wallis analysis of IK.IK_05 by IK.SDS ----- <table border="1"> <thead> <tr> <th>Level</th> <th>Sample Size</th> <th>Average Rank</th> </tr> </thead> <tbody> <tr><td>1</td><td>12</td><td>30.2917</td></tr> <tr><td>2</td><td>12</td><td>64.2500</td></tr> <tr><td>3</td><td>12</td><td>122.958</td></tr> <tr><td>4</td><td>12</td><td>127.083</td></tr> <tr><td>5</td><td>12</td><td>128.583</td></tr> <tr><td>6</td><td>12</td><td>116.000</td></tr> <tr><td>7</td><td>12</td><td>41.8750</td></tr> <tr><td>8</td><td>12</td><td>51.0833</td></tr> <tr><td>9</td><td>12</td><td>49.0000</td></tr> <tr><td>10</td><td>12</td><td>62.0000</td></tr> <tr><td>11</td><td>12</td><td>98.8333</td></tr> <tr><td>12</td><td>12</td><td>81.4167</td></tr> <tr><td>13</td><td>12</td><td>126.250</td></tr> <tr><td>14</td><td>12</td><td>88.5833</td></tr> <tr><td>15</td><td>12</td><td>169.292</td></tr> </tbody> </table> ----- Test statistic = 101.45 Significance level = 2.55351E-15 15	Level	Sample Size	Average Rank	1	12	30.2917	2	12	64.2500	3	12	122.958	4	12	127.083	5	12	128.583	6	12	116.000	7	12	41.8750	8	12	51.0833	9	12	49.0000	10	12	62.0000	11	12	98.8333	12	12	81.4167	13	12	126.250	14	12	88.5833	15	12	169.292	Kruskal-Wallis analysis of IK.IK_04 by IK.SDS ----- <table border="1"> <thead> <tr> <th>Level</th> <th>Sample Size</th> <th>Average Rank</th> </tr> </thead> <tbody> <tr><td>1</td><td>12</td><td>30.5833</td></tr> <tr><td>2</td><td>12</td><td>76.4583</td></tr> <tr><td>3</td><td>12</td><td>119.708</td></tr> <tr><td>4</td><td>12</td><td>116.667</td></tr> <tr><td>5</td><td>12</td><td>140.958</td></tr> <tr><td>6</td><td>12</td><td>109.750</td></tr> <tr><td>7</td><td>12</td><td>32.7500</td></tr> <tr><td>8</td><td>12</td><td>45.6250</td></tr> <tr><td>9</td><td>12</td><td>39.6250</td></tr> <tr><td>10</td><td>12</td><td>61.2917</td></tr> <tr><td>11</td><td>12</td><td>112.625</td></tr> <tr><td>12</td><td>12</td><td>78.9167</td></tr> <tr><td>13</td><td>12</td><td>130.000</td></tr> <tr><td>14</td><td>12</td><td>97.5417</td></tr> <tr><td>15</td><td>12</td><td>165.000</td></tr> </tbody> </table> ----- Test statistic = 109.934 Significance level = 1.11022E-16	Level	Sample Size	Average Rank	1	12	30.5833	2	12	76.4583	3	12	119.708	4	12	116.667	5	12	140.958	6	12	109.750	7	12	32.7500	8	12	45.6250	9	12	39.6250	10	12	61.2917	11	12	112.625	12	12	78.9167	13	12	130.000	14	12	97.5417	15	12	165.000
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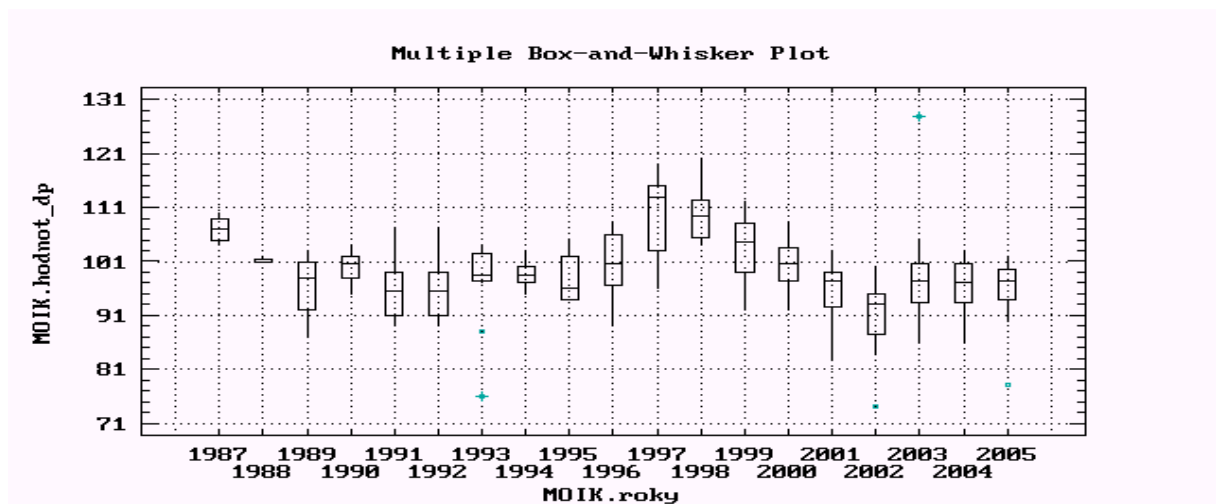
Friedman analysis of IK.IK_05 by IK.SDS ----- <table border="1"> <thead> <tr> <th>Level</th> <th>Sample Size</th> <th>Average Rank</th> </tr> </thead> <tbody> <tr><td>1</td><td>12</td><td>2.04167</td></tr> <tr><td>2</td><td>12</td><td>5.54167</td></tr> <tr><td>3</td><td>12</td><td>11.2500</td></tr> <tr><td>4</td><td>12</td><td>11.8750</td></tr> <tr><td>5</td><td>12</td><td>12.2917</td></tr> <tr><td>6</td><td>12</td><td>10.5417</td></tr> <tr><td>7</td><td>12</td><td>3.08333</td></tr> <tr><td>8</td><td>12</td><td>4.45833</td></tr> <tr><td>9</td><td>12</td><td>3.66667</td></tr> <tr><td>10</td><td>12</td><td>5.20833</td></tr> <tr><td>11</td><td>12</td><td>8.95833</td></tr> <tr><td>12</td><td>12</td><td>6.70833</td></tr> <tr><td>13</td><td>12</td><td>11.8750</td></tr> <tr><td>14</td><td>12</td><td>7.62500</td></tr> <tr><td>15</td><td>12</td><td>14.8750</td></tr> </tbody> </table> ----- Test statistic = 133.35 Significance level = 0	Level	Sample Size	Average Rank	1	12	2.04167	2	12	5.54167	3	12	11.2500	4	12	11.8750	5	12	12.2917	6	12	10.5417	7	12	3.08333	8	12	4.45833	9	12	3.66667	10	12	5.20833	11	12	8.95833	12	12	6.70833	13	12	11.8750	14	12	7.62500	15	12	14.8750
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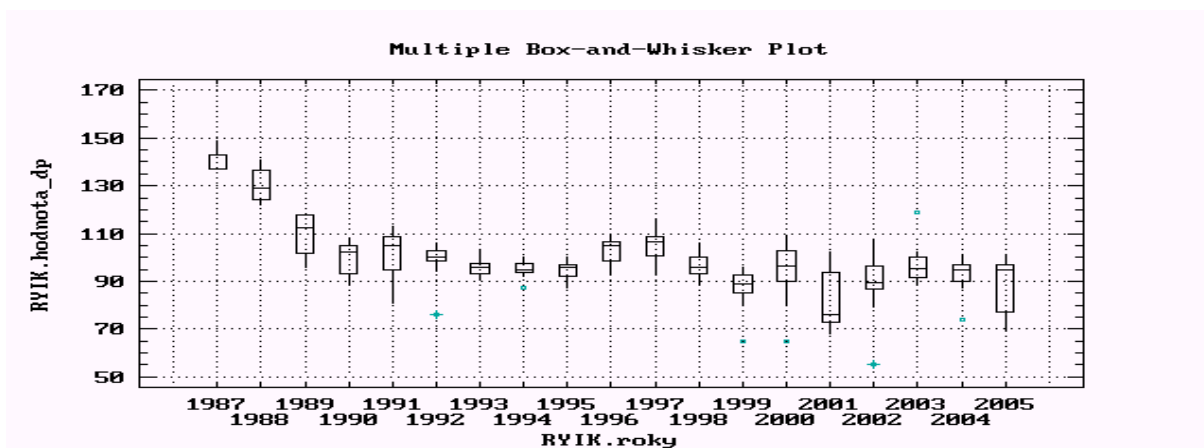
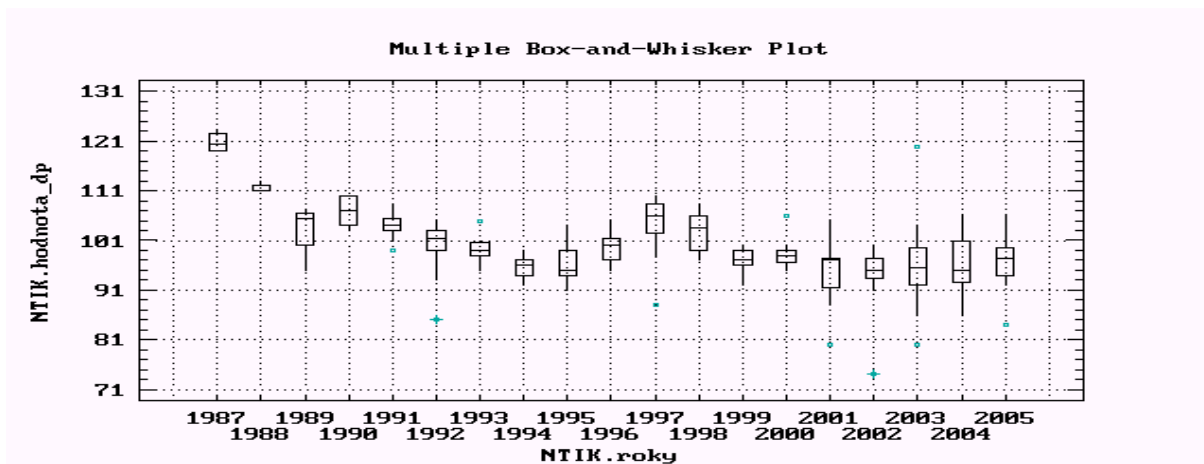
Conclusions: Both Kruskal-Wallis analysis and Friedman analysis have rejected equality and identity of investigated files (2005) due to too low significance levels.

Figures No 1, 2

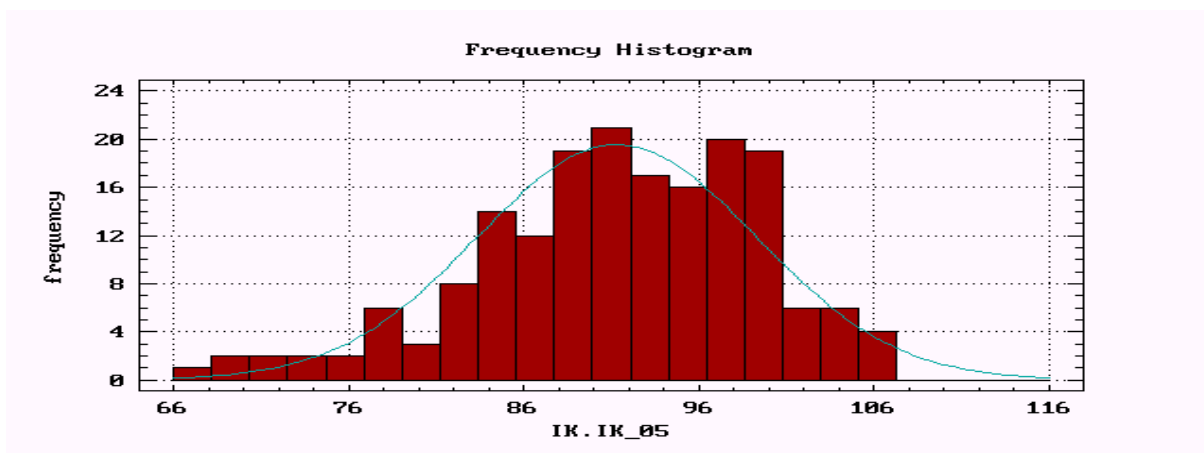


Figures No 3, 4, 5





Figures No 6, 7



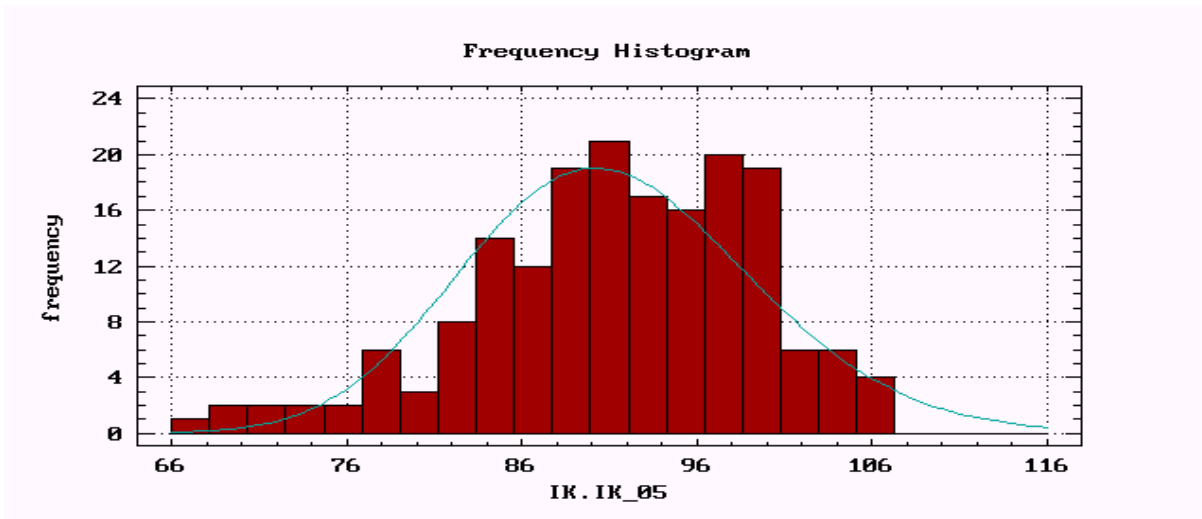
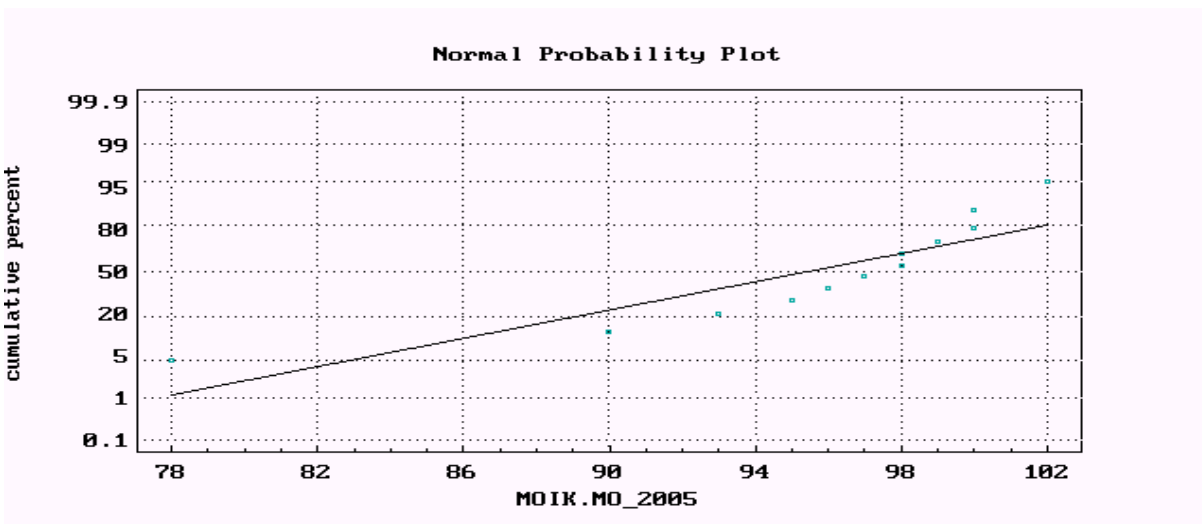
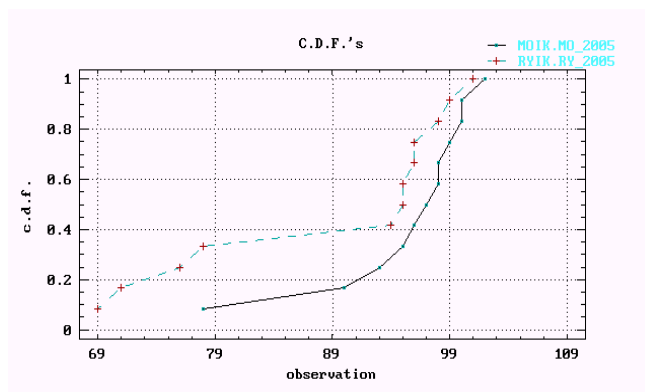
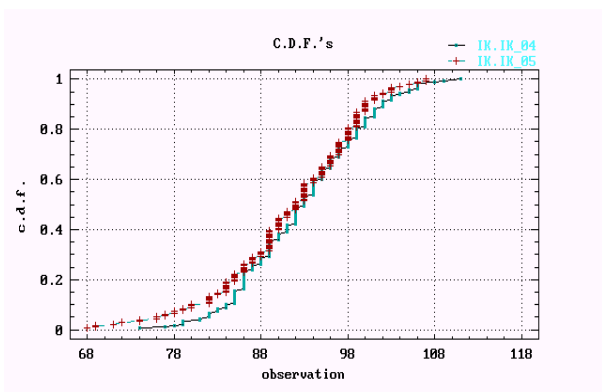


Figure No 8



Figures No 9, 10



Field gamma spectrometry

Results regarding radiochemical measurements of soils at the IN SITU locations are presented in the table Field gamma spectrometry – radiochemical measurements, section „Soil specific activity“.

There was recorded following exceeding of investigation levels during radiochemical measurements of ^{90}Sr :

Location	Investigation level (Bq/kg)	Obtained value (Bq/kg)
Tekovský Hrádok	3	3,7
Tesárske Mlyňany - arborétum	4	4,3
SE-EMO areál	3	3,9

Results obtained from the SE-EMO area clearly show that there were performed ground works there and that soil was transported from another location.

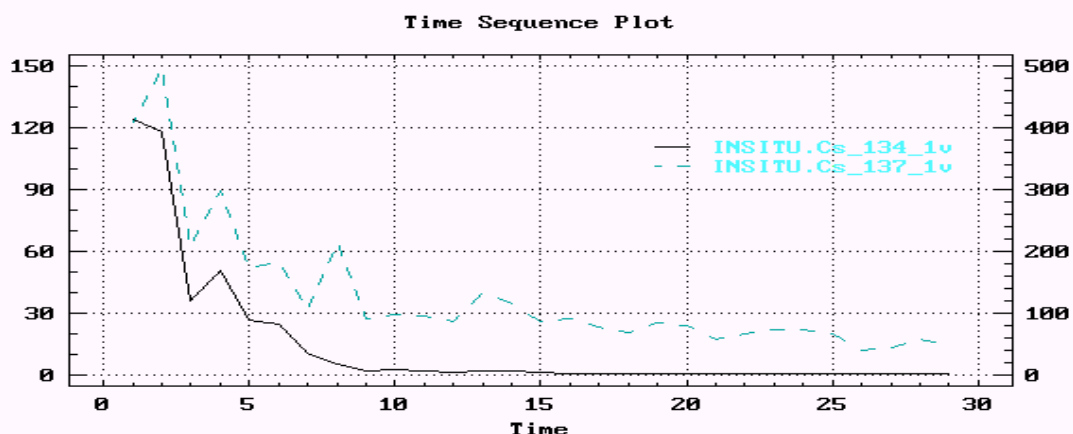
Dose rates presented in this section were converted onto kerma in the air; the only exception was applied to the measurements of dose rates in the IC – specified as the ambient dose equivalent rate.

Following field gamma spectrometry plots are related to the most typical IN SITU measuring location - Vrábľe location – dimensional unit Bq/kg. This unit was specified as Bq/m² in the previous years. It was defined as the laboratory activity divided by square units. Regarding the fact that we deal with specific activities in the laboratory, the surface activities were converted onto the specific ones. We have taken into account the average nominal weight of soil from the location specified. Comparison of plots from the previous period has proven the plots' character maintained.

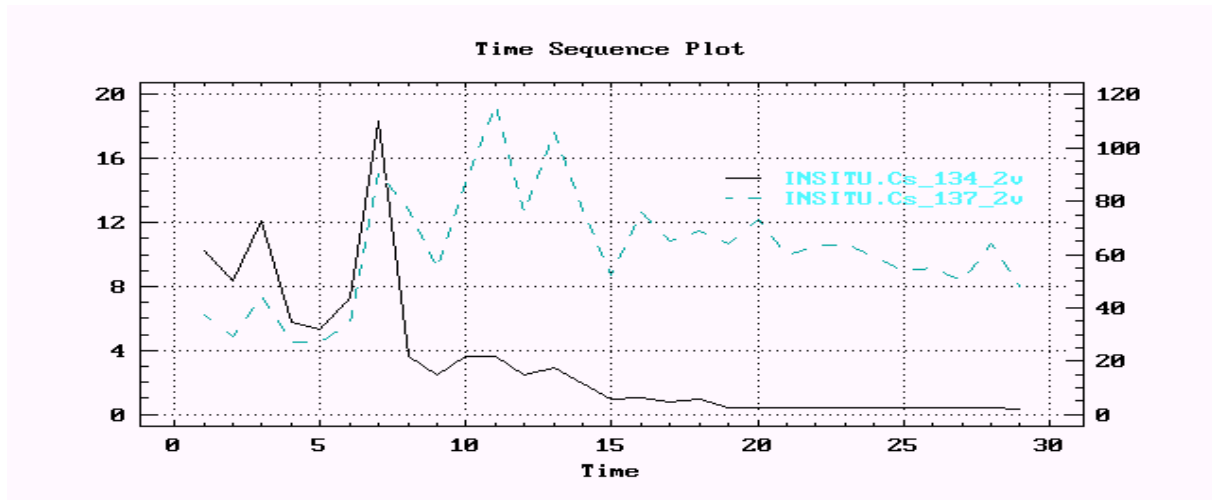
The rest of locations has been already changed due to impacts of human activities and the locations have been moved of certain distances from the original ones res. a whole location has been changed. Vrábľe location was moved of circa 100 m in the second half of 1997. Plots demonstrate the values monitored since 1988.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

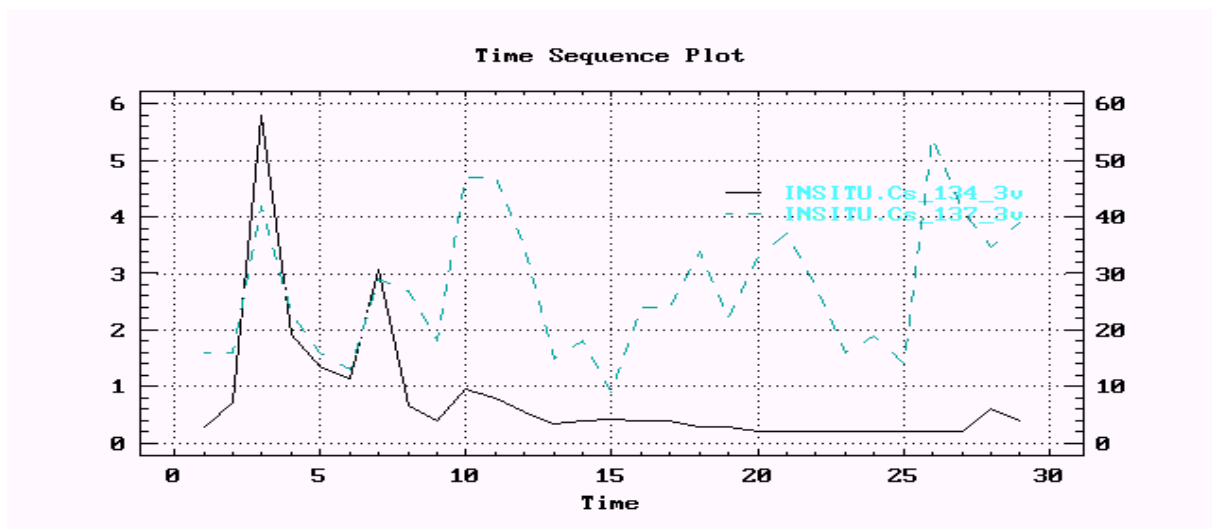
The sampling layer depth: 0-2 cm



The sampling layer depth: 2-5 cm



The sampling layer depth: 5-10 cm



Soil specific activity

There was used a unified soil sampling layer depth of 0-5 cm in the analysis.

We made no separate investigation of the locations, whereas soils were measured twice a year only; in the case of radiochemical analyses, soils of respective location are analyzed once a year only.

Regarding gamma spectrometry, this year we have not recorded the investigation rank having been exceeded.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: Basic statistic data for ^{137}Cs – all the locations considered as a whole (2005)

Variable:	Soils - locations of all 6 SDS
Sample size	12
Average	17.4675
Median	10.35
Mode	10
Geometric mean	12.5731
Variance	317.937
Standard deviation	17.8308
Standard error	5.14731
Minimum	4.76
Maximum	56.5
Range	51.74
Lower quartile	9.135
Upper quartile	14.75
Interquartile range	5.615
Skewness	1.92483
Standardized skewness	2.72213
Kurtosis	2.352
Standardized kurtosis	1.66311
Coeff. of variation	102.08
Sum	209.61

Figure No 1: time sequence of ^{134}Cs & ^{137}Cs related to the SDS location Nový Tekov for monitored years 1994-2005; the sampling layer depth was 0 - 5 cm (until 1996 we reported the activity related to the depth of 2-5 cm); frequency of off-takes – twice a year.

Figure No 2: time sequence of ^{134}Cs & ^{137}Cs related to the SDS location Kalná for monitored years 1994-2005; the sampling layer depth was 0 - 5 cm (until 1996 we reported the activity related to the depth of 2-5 cm); frequency of off-takes – twice a year.

Note: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample.

Figure No 1

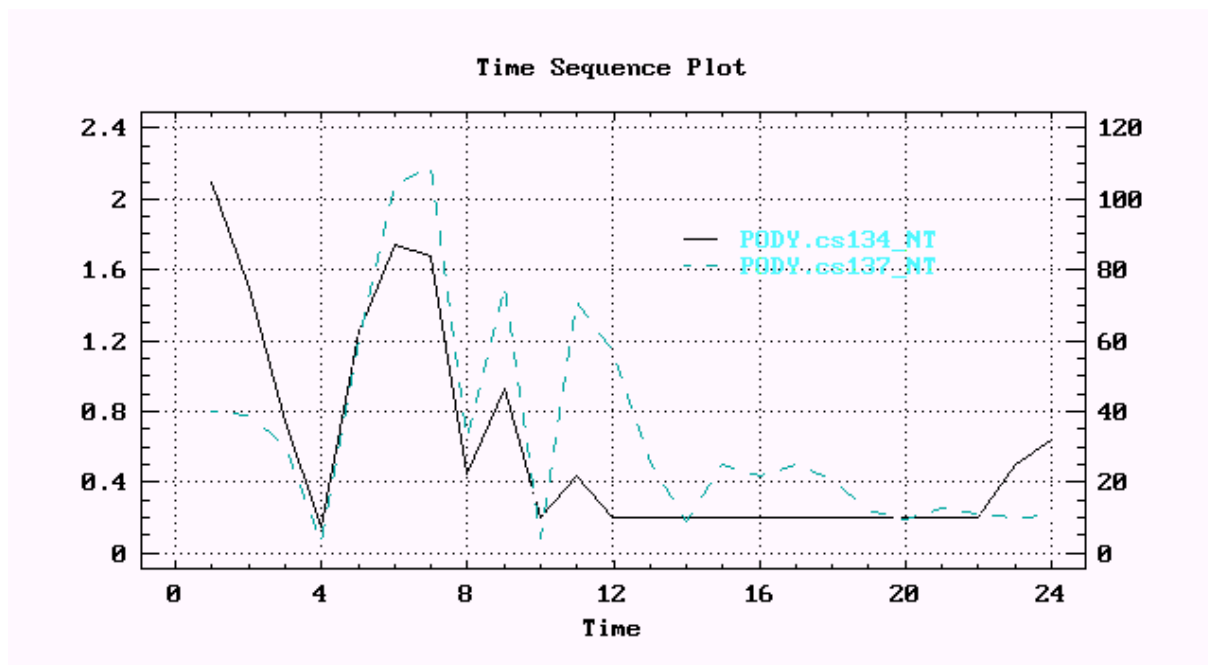
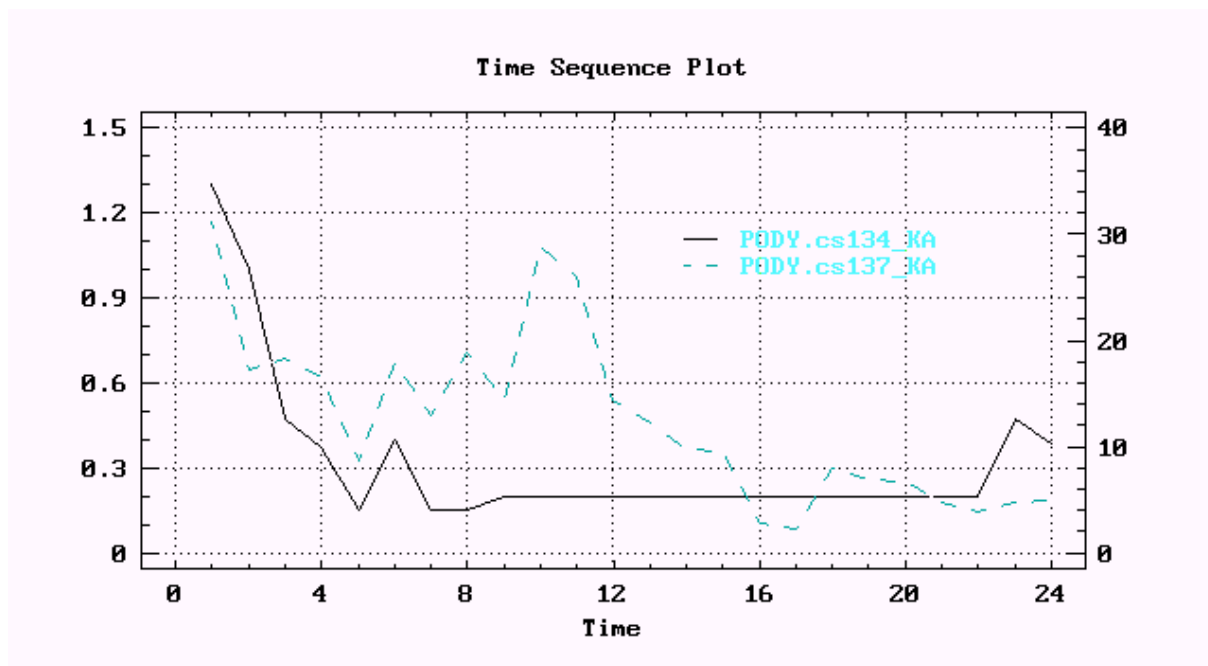


Figure No 2



Aerosol activity

The activity of monitored antropogenic radionuclides was lower than MDA, while we had recorded ¹³⁷Cs activity at following stations: Vráble in the week 41 and Zlaté Moravce in the week 14.

Investigation levels of the gross beta activity have been exceeded at following SDS:

Location	Period (week)	Location	Period (week)
ERML	37, 39, 40, 41, 45, 46	Červený Hrádok	39, 41, 45, 46
Levice	37, 41, 45, 46	Nemčiňany	39, 41, 45, 46
Kalná nad Hronom	39, 41, 45, 46	Malé Kozmálovce	6, 7, 39, 41, 45, 46
Mochovce	39, 41, 45, 46	Nový Tekov	39, 41, 45, 46
Čifáre	37, 39, 41, 45, 46	Kozárovce	39, 40, 41, 45, 46
Veľký Ďur	39, 40, 41, 45, 46	Zlaté Moravce	37, 39, 40, 41, 44, 45, 46
Vráble	7, 39, 41, 45, 46	Rybník	31, 39, 41, 45, 46
Tajná	6, 39, 41, 45, 46		

Within the given period, we have made a comparison with gamma spectrometric measurements at the locations specified. The measurements did not prove any elevation. The values monitored (in some cases the elevation exceeded 5 sigma) were perhaps affected by increased dustiness absorbed by the filter.

The overflow of flushing equipment is set on 60 m³/hour with an exception for SDS SE-Mochovce with the overflow set on 80 m³/hour. Some locations have suffered from a broken continuous flushing equipment - Mochovce, Kozárovce.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period.

Similarly to TLD, we have chosen three SDS for statistic comparison regarding the gross beta activity: Mochovce, Nový Tekov and Rybník.

Table: Basic statistic data

	SDS Mochovce	SDS Nový Tekov	SDS Rybník
	Gross beta acitivity		
Variable:			
Sample size	52	52	52
Average	342.75	397.385	380.635
Median	275	337.5	328
Mode	274	328	322
Geometric mean	303.543	354.776	332.591
Variance	35231.5	40276.9	44482.1
Standard deviation	187.701	200.691	210.908
Standard error	26.0294	27.8308	29.2476
Minimum	116	121	94
Maximum	934	1019	1047
Range	818	898	953
Lower quartile	237.5	267.5	244
Upper quartile	403	474.5	452
Interquartile range	165.5	207	208
Skewness	1.69248	1.32459	1.38628
Standardized skewness	4.98252	3.89948	4.08111
Kurtosis	2.90137	1.72312	1.80164
Standardized kurtosis	4.2707	2.53637	2.65194
Coeff. of variation	54.7631	50.503	55.4095
Sum	17823	20664	19793

Conclusions: The investigated locations had the variation coefficient lower than 1, i.e. the data distribution can be simulated by a normal distribution curve with assumption that other locations would have the similar values. Values for the Mochovce location related to the period of broken re-flushing equipment have been substituted by the average ones.

Figure No 1: Box and Whisker plots for three locations - SDS Mochovce, Nový Tekov & Rybník.

Conclusions: As we can see at the Box and Whisker plots, investigated values contain deviating points as well. Explanation for these deviating points was mentioned above.

Figure No 2: Quantile chart regarding the group of values of the gross beta activity for the Mochovce SDS

Conclusions: Quantile charts with similar characteristics shall be also constructed for other SDS locations

Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: AEROS05.MO_05_beta Sample 2: AEROS05.NT_05_beta Estimated overall statistic DN = 0.288462 Approximate significance level = 0.0264162	Kolmogorov-Smirnov Two-Sample Test ----- Sample 1: AEROS05.MO_05_beta Sample 2: AEROS05.RY_05_beta Estimated overall statistic DN = 0.211538 Approximate significance level = 0.19501
--	--

Figure No 3: Distribution functionality for two locations

Conclusions: The significance level is sufficient enough for the hypothesis on identical distribution of values to be confirmed.

Kruskal-Wallis analysis of AEROS04.MO_NT_RY04 by AEROS04.SDS ----- <table border="1"> <thead> <tr> <th>Level</th> <th>Sample Size</th> <th>Average Rank</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>52</td> <td>69.9615</td> </tr> <tr> <td>2</td> <td>52</td> <td>85.9231</td> </tr> <tr> <td>3</td> <td>52</td> <td>79.6154</td> </tr> </tbody> </table> ----- Test statistic = 3.29324 Significance level = 0.1927	Level	Sample Size	Average Rank	1	52	69.9615	2	52	85.9231	3	52	79.6154	Friedman analysis of AEROS04.MO_NT_RY04 by AEROS04.SDS ----- <table border="1"> <thead> <tr> <th>Level</th> <th>Sample Size</th> <th>Average Rank</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>52</td> <td>1.37500</td> </tr> <tr> <td>2</td> <td>52</td> <td>2.52885</td> </tr> <tr> <td>3</td> <td>52</td> <td>2.09615</td> </tr> </tbody> </table> ----- Test statistic = 35.5072 Significance level = 1.9485E-8	Level	Sample Size	Average Rank	1	52	1.37500	2	52	2.52885	3	52	2.09615
Level	Sample Size	Average Rank																							
1	52	69.9615																							
2	52	85.9231																							
3	52	79.6154																							
Level	Sample Size	Average Rank																							
1	52	1.37500																							
2	52	2.52885																							
3	52	2.09615																							

Conclusions: Kruskal – Wallis Test did not reject the assumption that the data from three investigated locations were identical, but identity of files was not confirmed by Friedman Analysis.

At the Figure No 4 we can see seasonal variations of ⁷Be cosmogenic radionuclide at the Levice location since 1990. At the end of 2000, we had to shut down the operation of SDS at this location having been in operation from 1990 (it was operated irregularly before 1990). After shutting down this SDS, we have put SDS ERML in permanent operation in the week 6 (2001) by installing it at the roof of our building in the city centre. Values at this plot are related to the last four years (2001 to 2005) at the SDS ERML location and they cover 52 weeks of a year.

Figure No 1

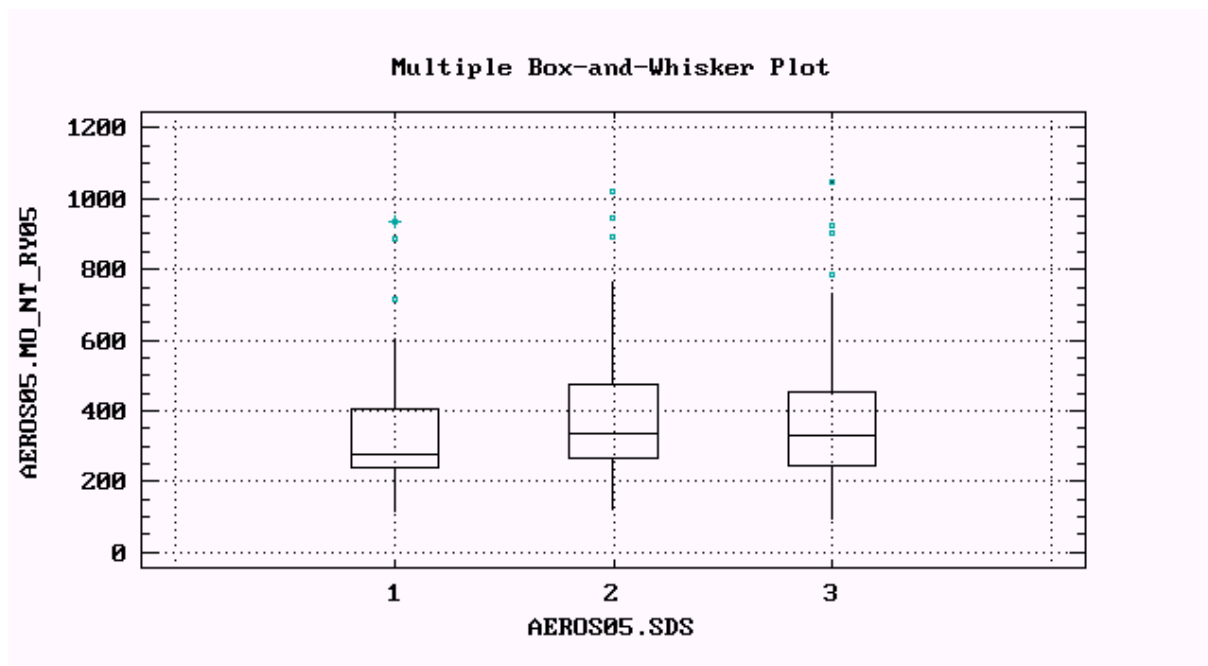


Figure No 2

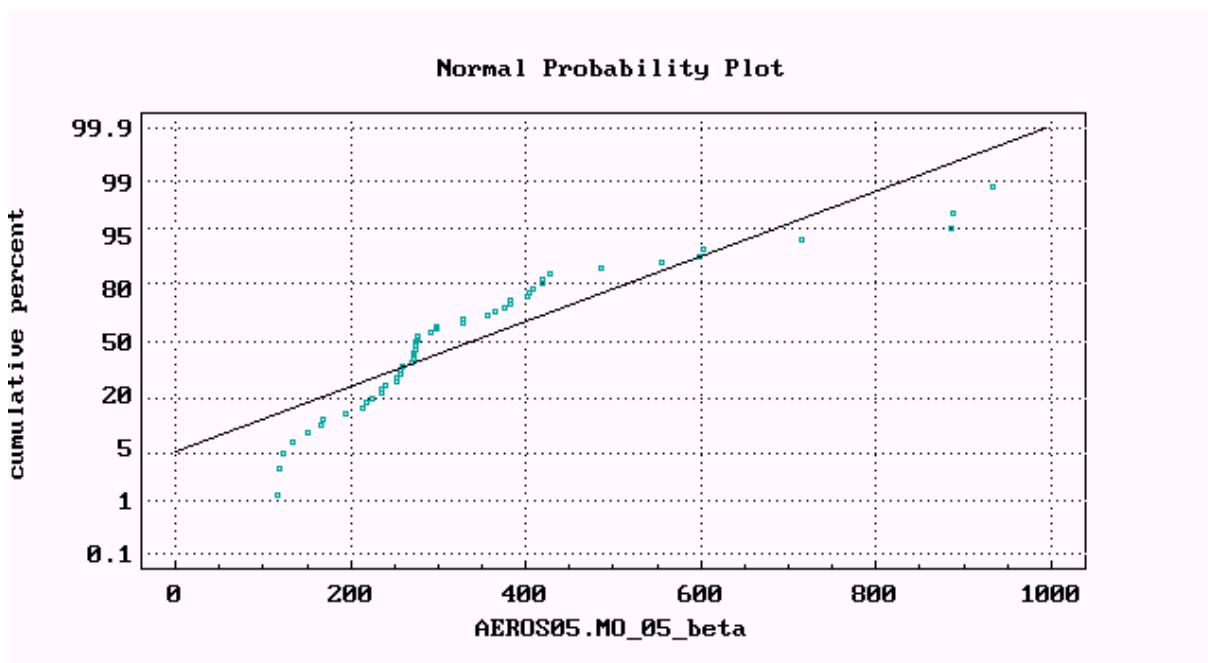


Figure No 3

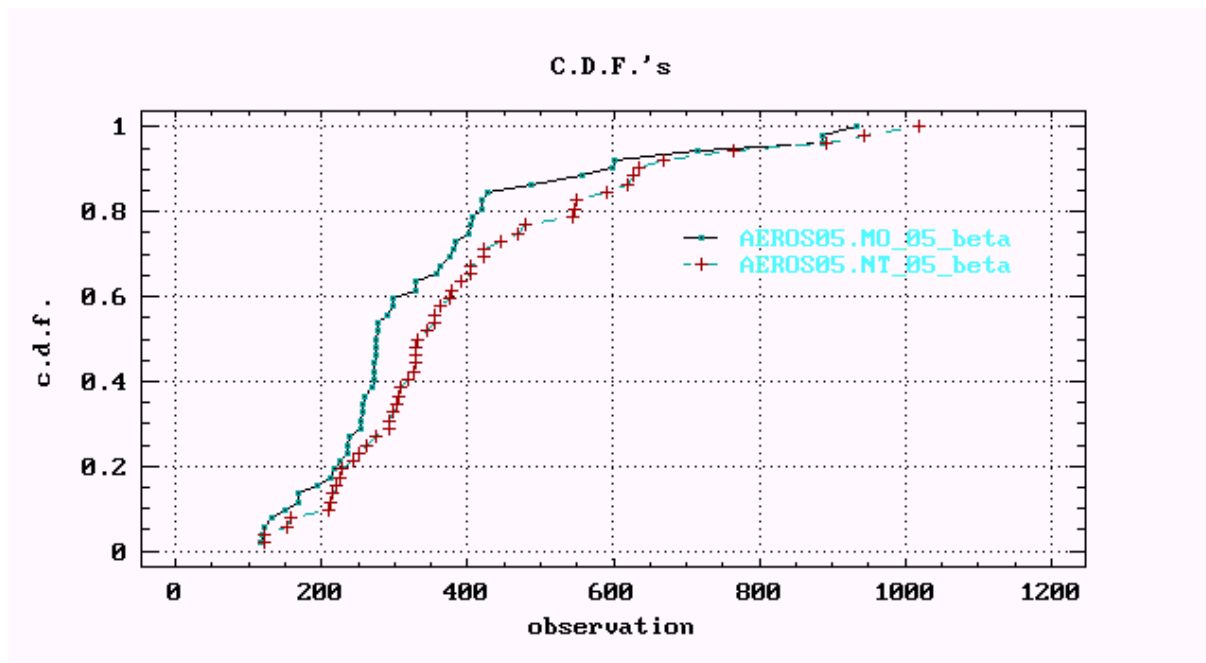
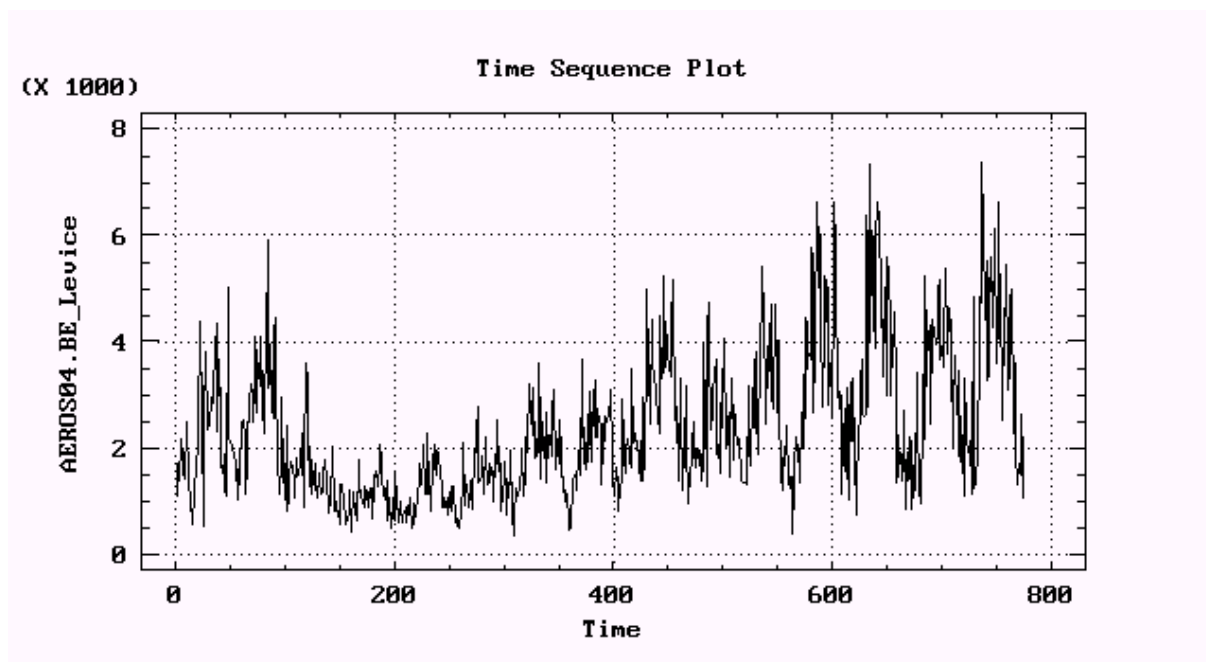


Figure No 4



Fallout activity

The activity of ^{134}Cs & ^{137}Cs radionuclides did not reach MDA in the most of measurements. We did not perform the basic statistic for 2004 at the locations, whereas the number of measurements was too low.

Investigation levels (3 sigma) under the gross beta activity were exceeded as follows:

Location	Period	Investigation level (Bq/m ²)	Obtained value (Bq/m ²)
SDS Vráble	II. quarter	10	33,6
SDS Malé Kozmálovce	IV. quarter	21	23,3

Note 1: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Note 2: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample. The graphic values could thus be slightly increased compared to average values from the previous years.

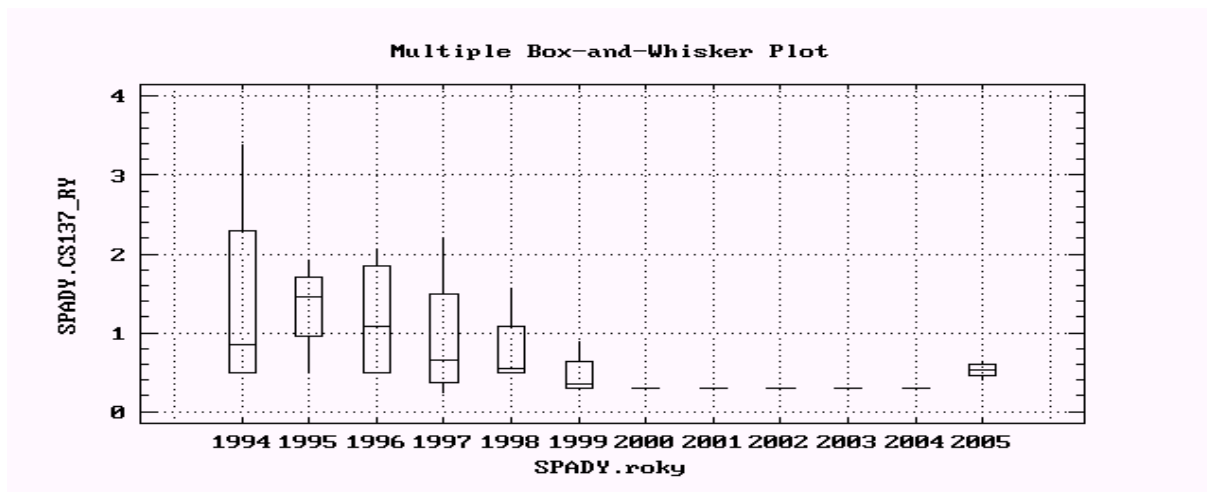
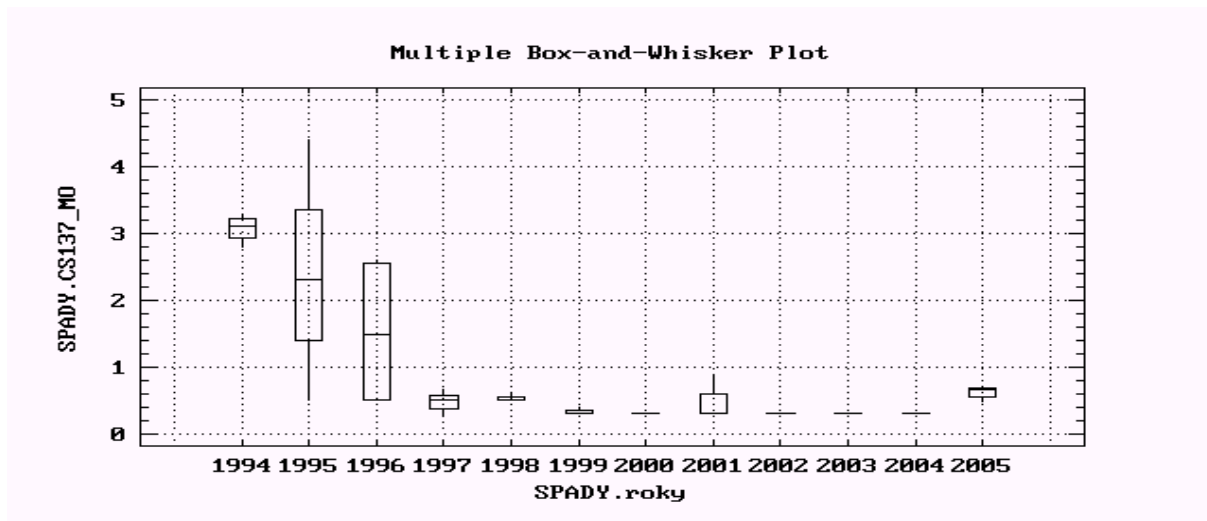
Figures No 1, 2: Box and Whisker plots for ^{137}Cs for each monitored year – Mochovce & Rybník locations (there were considered four measurements a year in the plots - quarterly off-takes).

Figures No 3, 4: Box and Whisker plots for the gross beta activity for each monitored year – Mochovce & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

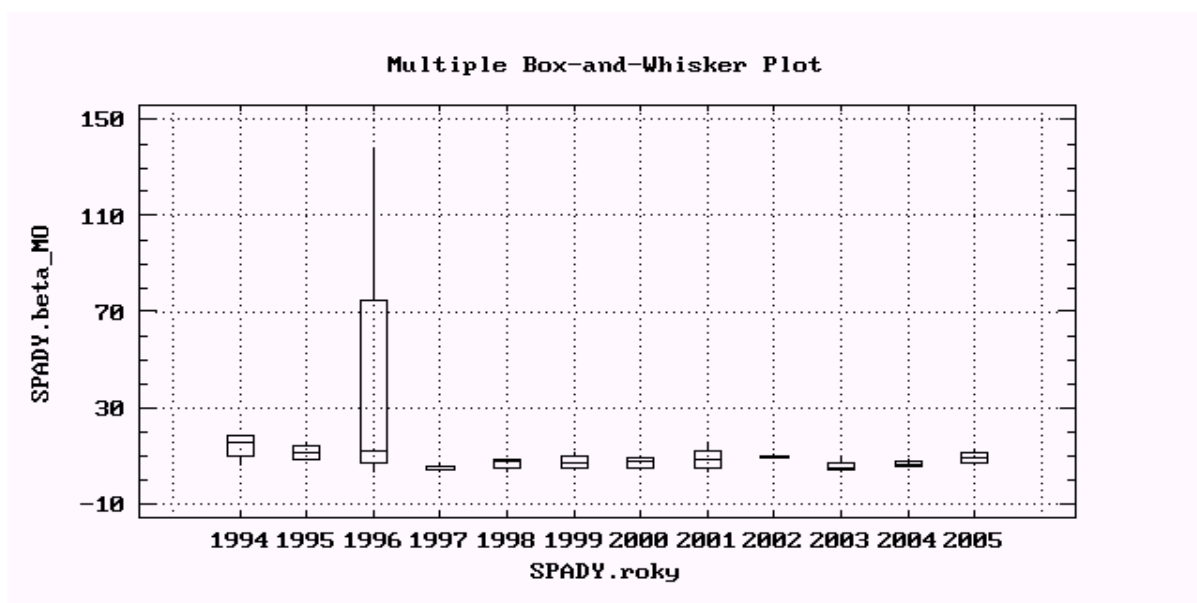
Figure No 5: time sequence of each measurement since 1994 - ^{137}Cs - Mochovce, Nový Tekov & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

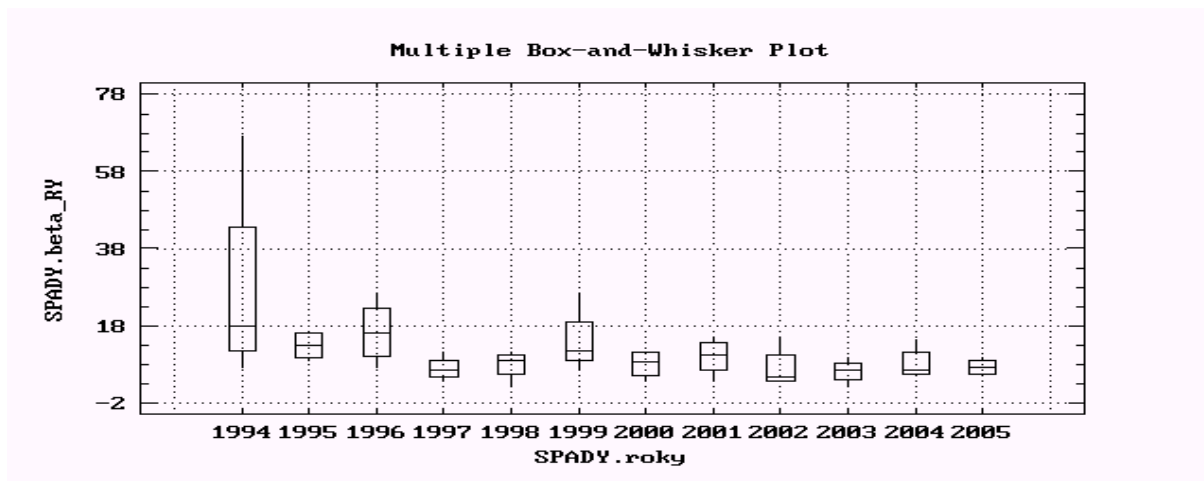
Figure No 6: time sequence of each measurement since 1994 – gross beta activity - Mochovce, Nový Tekov & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

Figures No 1, 2

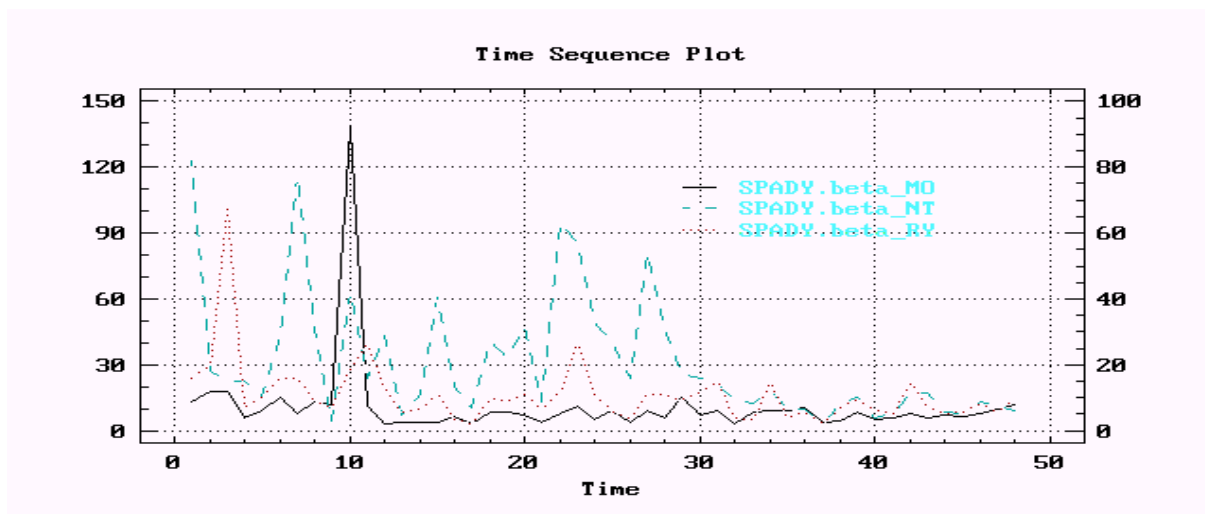
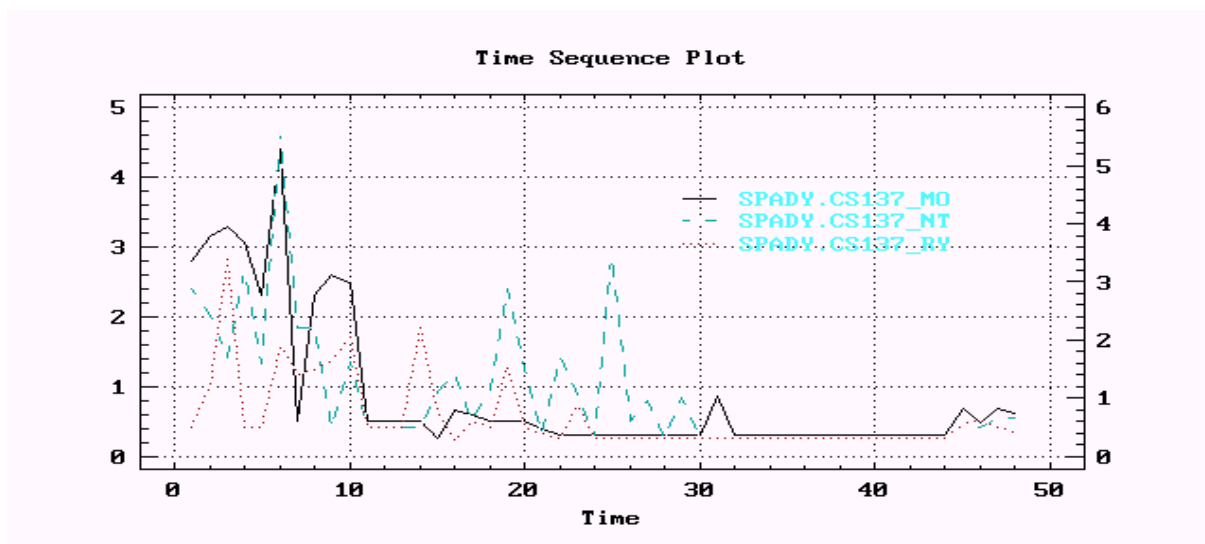


Figures No 3, 4





Figures No 5, 6:



Volume activity in surface, drinking and underground waters and in radiation monitoring bore holes

The activity of all artificial gamma radionuclides is below the MDA level. We have done some statistic calculations for ^{90}Sr & tritium.

Regarding tritium, investigation levels have been exceeded as follows:

Surface waters:

Location	Period	Investigation level (Bq/l)	Obtained value (Bq/l)
Tlmače Hron	I. quarter	2	5

The same values were obtained for off-taken samples even during repeated analyses.

The monitoring program QA-07-01 also includes radiation monitoring bore holes in the SE-EMO area. Each half year we perform gamma spectrometric evaluation of samples from these bore holes (from the ones containing water) focused on concentrations of ^{90}Sr & tritium. There were realized 17 radiation monitoring bore holes in total. The only exceeding was recorded in the RK-11 bore hole.

Underground waters and radiation monitoring bore holes were not subject to statistic evaluation. The underground water bore hole HG-1 for the horse-breeding farm disposal is not available anymore and it is not included in the monitoring program QA-07-01 either. The HG-8 bore hole was locked in the quarter IV. as well and present water was taken off.

Regarding energy savings and long-term obtaining of artificial gamma radionuclides results below MDA, some samples were analyzed as mixture samples from several locations. The off-taken samples prepared for partial analyses have been liquidated after these mixture samples having been analyzed.

On the base of the Decision of the Regional Environmental Office in Nitra, we have also performed analyses focused on the gross alpha and gross beta activities in surface waters in 2005. Above mentioned analyses and locations (see the table section) shall be included in our regular monitoring program. Samples dedicated to above mentioned analyses are taken off at two locations (upstream and downstream the outlet hole) once a week; the samples are mixture and evaluated quarterly.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Surface waters – investigation on Strontium*Table: Basic statistic data - three locations - Tlmače-Hron (upstream the outlet hole), Hron – downstream the outlet hole, Kalná-Hron*

	Tlmače - Hron	Hron-downstream the outlet hole	Kalná - Hron
Variable:			
Sample size	4	4	4
Average	12.25	12.5	11.25
Median	10	12.5	11.5
Mode	8	9	11
Geometric mean	10.7285	11.606	11.1478
Variance	57.5833	28.3333	2.91667
Standard deviation	7.58837	5.32291	1.70783
Standard error	3.79418	2.66145	0.853913
Minimum	6	7	9
Maximum	23	18	13
Range	17	11	4
Lower quartile	7	8	10
Upper quartile	17.5	17	12.5
Interquartile range	10.5	9	2.5
Skewness	1.40572	0	-0.752837
Standardized skewness	1.14777	0	-0.614689
Kurtosis	1.78705	-4.65467	0.342857
Standardized kurtosis	0.729561	-1.90026	0.139971
Coeff. of variation	61.9459	42.5833	15.1807
Sum	49	50	45

Conclusions: The variation coefficient is always lower than 1, i.e. the data distribution could be simulated by a normal curve.

Figure No 1: Box and Whisker plots for the locations Kalná nad Hronom - Hron & Tlmače - Hron (a group of values since 1989). For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm³)

Figure No 2: Box and Whisker plots for the locations Tlmače - Hron, Nový Tekov - Hron & Kalná nad Hronom - Hron (a group of values – 4 measurements in 2005).

Figure No 3: Quantile chart for the location Tlmače - Hron

Figure No 4: Time sequence for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm³)

Kolmogorov-Smirnov Two-Sample Test -----	Kolmogorov-Smirnov Two-Sample Test -----
Sample 1: VODPOV05.Kalna_05 Sample 2: VODPOV05.Hatvyp_05	Sample 1: VODPOV05.Tlmace_05 Sample 2: VODPOV05.Hatvyp_05
Estimated overall statistic DN = 0.5 Approximate significance level = 0.699374	Estimated overall statistic DN = 0.25 Approximate significance level = 0.999633

Figure No 5: Distribution function for the locations Tlmače & Kalná

Conclusions: Kolmogorov-Smirnov Two-Sample Test has confirmed good compliance between the locations.

Friedman analysis of VODYPOV.TI_Hv_Ka04 by VODYPOV.lokalita			Kolmogorov-Smirnov Two-Sample Test		
-----			-----		
Level	Sample Size	Average Rank	Sample 1: VODPOV05.Kalna_05		
-----			Sample 2: VODPOV05.Tlmace_05		
1	4	1.75000	Estimated overall statistic DN = 0.5		
2	4	2.12500	Approximate significance level = 0.699374		
3	4	2.12500	-----		
Test statistic = 0.4 Significance level = 0.818731			-----		

Kruskal-Wallis analysis of VODPOV05.Hron_Ka_TI by VODPOV05.lokalita			Kruskal-Wallis analysis of VODYPOV.TI_Hv_Ka05 by VODYPOV.lokalita		
-----			-----		
1	68	67.0809	Level	Sample Size	Average Rank
-----			-----		
2	68	69.9191	1	4	5.87500
Test statistic = 0.176822 Significance level = 0.674119			2	4	6.87500
-----			3	4	6.75000
-----			-----		
-----			Test statistic = 0.183979 Significance level = 0.912115		

Conclusions: all investigated issues have reported sufficient significance level.

Figure No 1

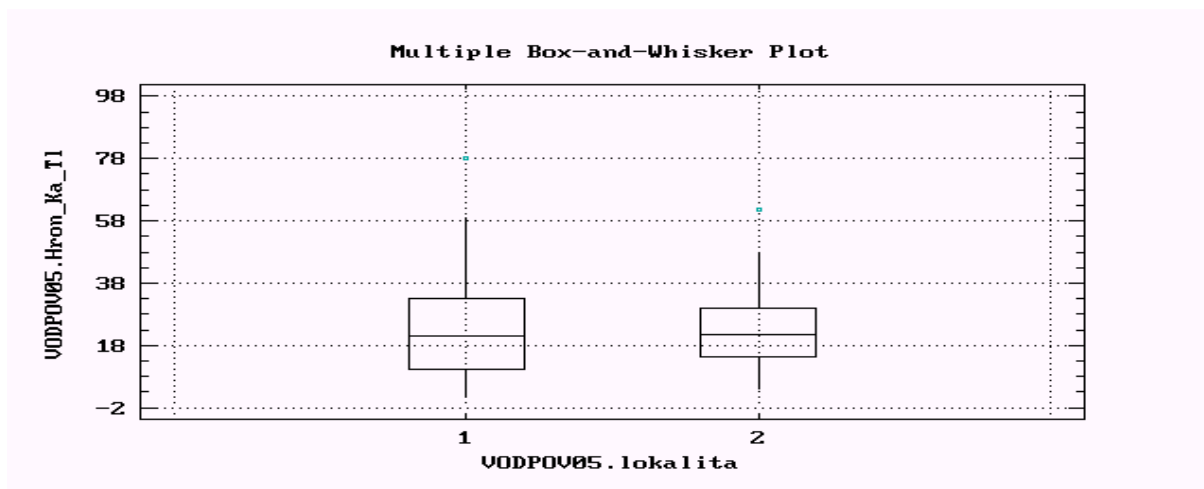


Figure No 2

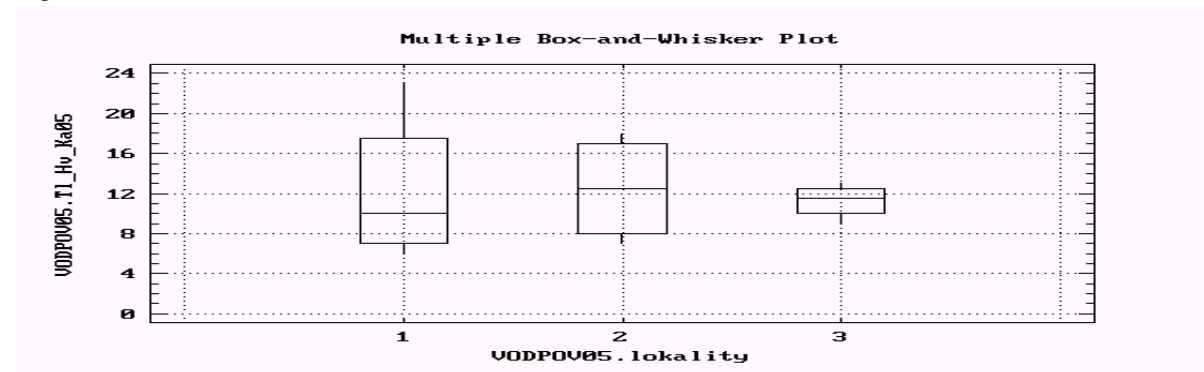


Figure No 3

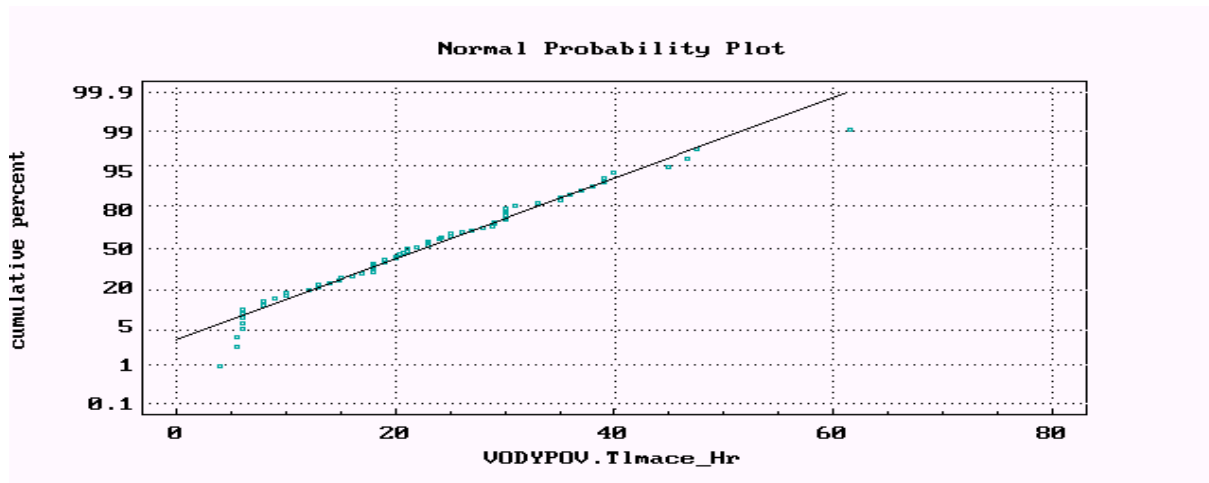


Figure No 4

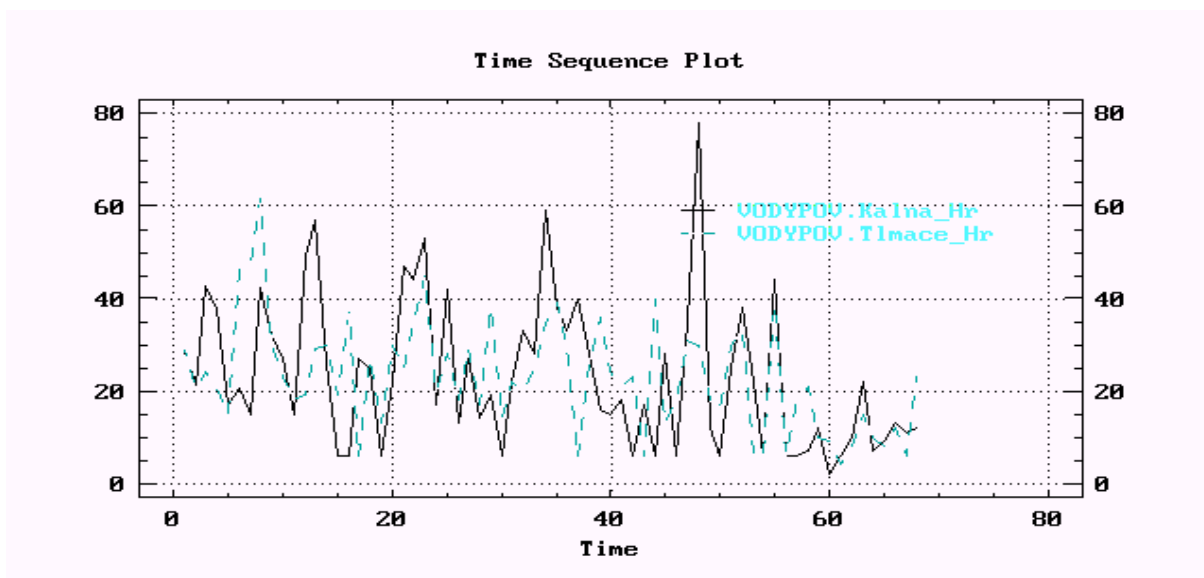
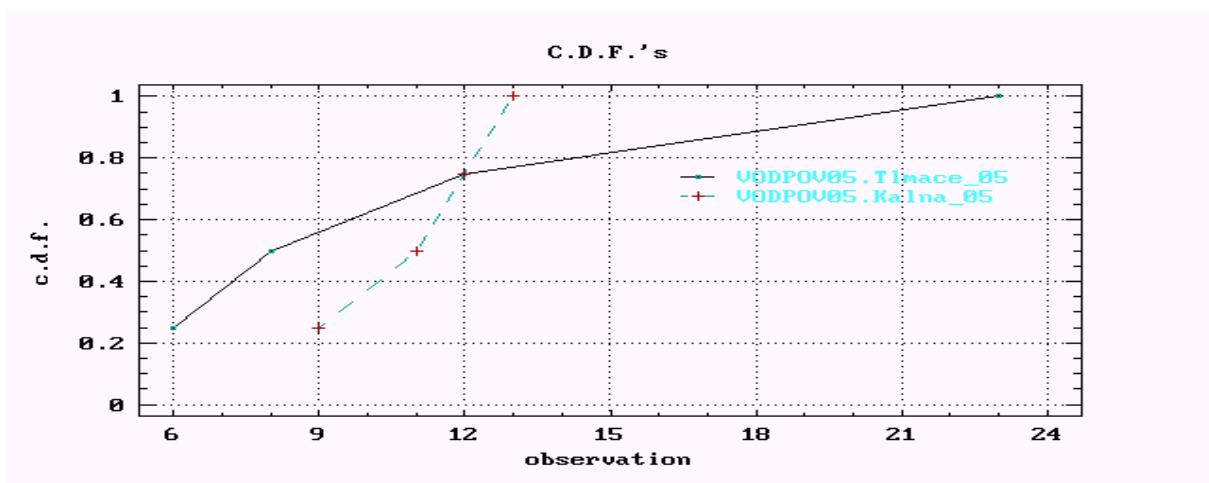


Figure No 5



Surface waters – investigation on Tritium

Figures No 1 & 2: Box and Whisker plots for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm³)

Conclusions: Regarding tritium, there was observed no increase of median (investigated in the summary statistic for 2004) in Tlmače (compared to the Kalná nad Hronom location).

Figure No 3: Time sequence for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm³)

Figures No 1, 2

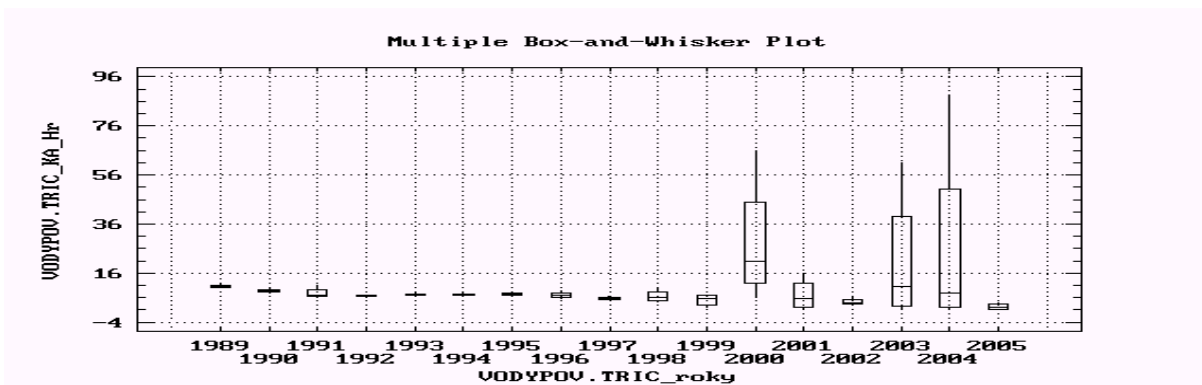
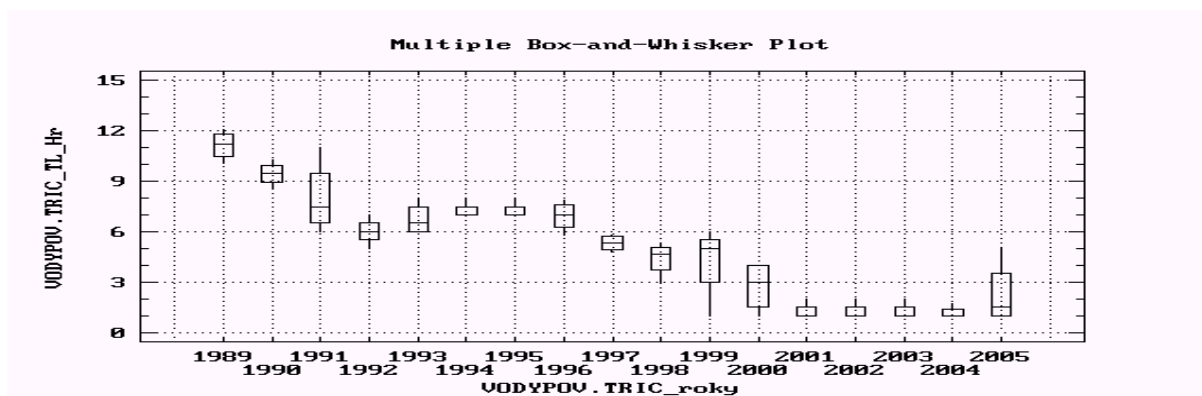
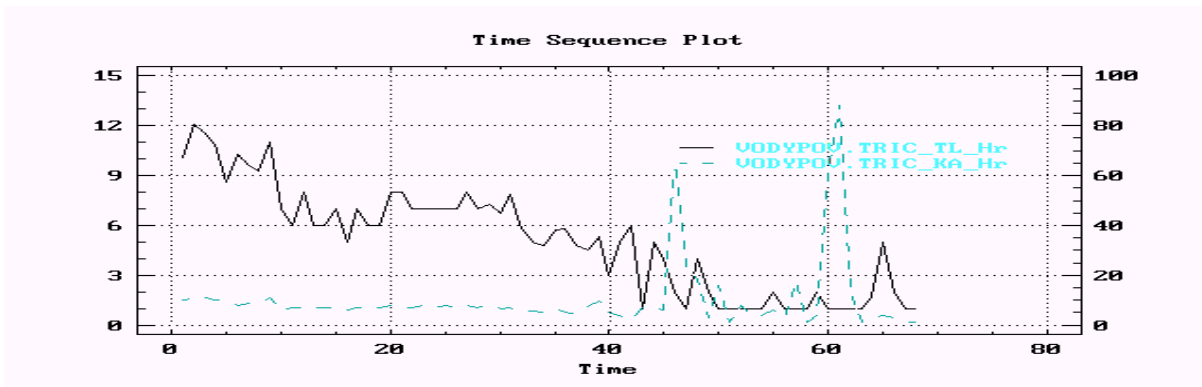


Figure No 3



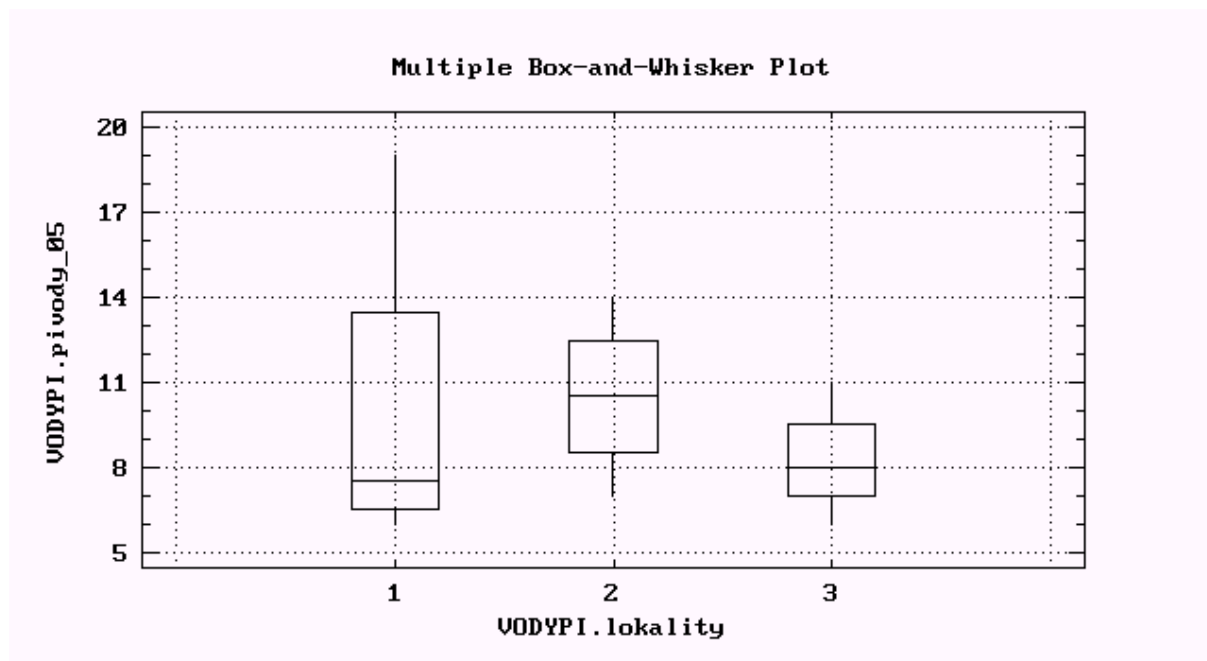
Drinking waters

No investigation level exceeded.

Západoslovenské vodárne a kanalizácie Company continuously shut down the wells marked by „S“-number. We have replaced these sources of drinking water by the ones located in neighboring municipalities - M. Kozmálovce, N. Tekov, Starý Tekov & Kalná nad Hronom - Kálnica.

Statistic analysis on strontium was done by Box and Whisker plots only

Figure: Box and Whisker plots – in 2004; locations: Malé Kozmálovce, Starý Tekov, Červený Hrádok,



Specific activity of sediments

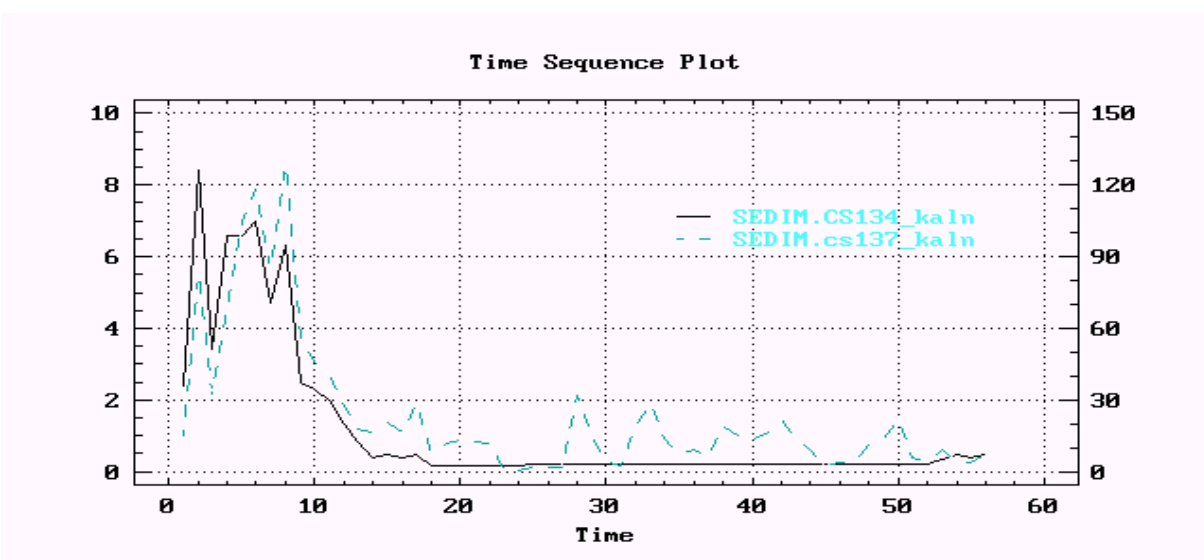
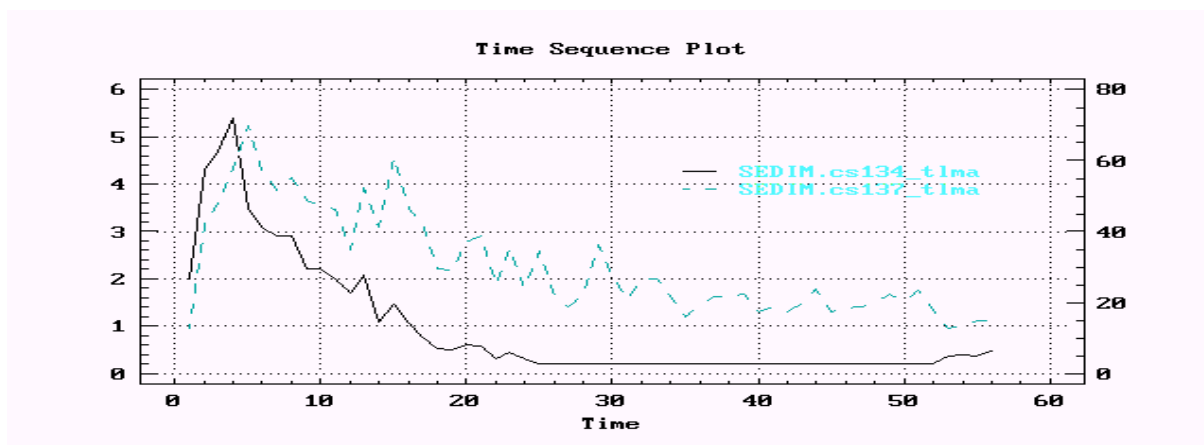
Time sequence plots clearly show the decrease of concentrations of monitored radionuclides during analyses of sediments (since 1992).

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period.

Table: Basic statistic data (2005) – not presented, whereas the investigated file contained too small number of data

Figures: time sequence of ^{134}Cs & ^{137}Cs at the locations Tlmače -Hron & Kalná -Hron for the monitored period 1992-2000; four off-takes a year

Conclusions: The plots clearly show cesium decrease



Volume activity of liquid milk

Liquid milk samples were processed before performing measurements in lyophilisator. Milk samples were only taken off at the farm in Čifáre until the week 13 – but the farm suddenly stopped the husbandry. Starting with the week 18, we ensured the samples to be taken off at the farm in Tekovský Hrádok (AC Kalná nad Hronom).

In the weeks 36 to 39, the obtained values were slightly higher than the action level of 0.049 Bq/l. Above mentioned action level was calculated for the farm in Čifáre.

Surface activity of snow

There were taken off eight snow samples within the monitored period. All samples were evaluated gamma spectrometrically and three of them were analyzed on tritium and strontium.

Specific activity of samples of agricultural products

No statistically significant deviations were observed during measurements of specific activity. Analyzed meat samples come from the meat packing plant PM Zbrojníky. There were included water plants in the report again. We have taken off a sample upstream the outlet hole and another sample at the point close to the outlet hole. Just as in the past years, both samples indicated higher concentration of ^{137}Cs . This fact was particularly obvious at the outlet hole, where we had detected radionuclides ^{58}Co , ^{60}Co , $^{110\text{m}}\text{Ag}$ as well

RR RAW monitoring

As usually, there were obtained lower values of average and instantaneous dose rates at RR RAW than at other locations. In terms of the monitoring program QA-07-01 we monitored investigation levels related to the dose rates measured by TLD from the value of 104 nSv/hour to the value of 116 nSv/hour. The investigation level was exceeded of 8 nSv/hour at RR RAW.

The minimum value obtained from RR RAW was 54 nSv/hour and the maximum value was 115 nSv/hour. We have also installed TLD at the TDS location in January and now we evaluate 5 monitoring points in the RR RAW area.

Regarding monitoring points at RR RAW, the investigation levels for measurements in the IC included values from 85 nSv/hour to 90 Sv/hour and they were not exceeded at SDS. The minimum value obtained from RR RAW was 64 nSv/hour and the maximum value was 84 nSv/hour.

The investigation level value related to the gross beta activity in Fallouts was exceeded in the quarter III. The investigation level was as of 20 Bq/m^2 , while we have obtained the value of 25.5 Bq/m^2 . Regarding surface and underground waters, we were focused on the values of ^{137}Cs lower than MDA. Partial statistic processing was performed by TL dosimeters (see previous pages). Soils and sediments are specified on the following pages.

Specific activity of sediments – RR RAW

No investigation level exceeded at this location.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: Basic statistic data from the Čifáre fishpond and RAW gutter (2004 & 2005) – in terms of the monitoring program, the number of samples was reduced to 4 samples in 2003.

Variable:	¹³⁷ Cs – Čifáre fishpond (2004)	¹³⁷ Cs – Čifáre fishpond (2005)
Sample size	4	4
Average	29.25	25.625
Median	29.15	24.8
Mode	26.8	23.7
Geometric mean	29.1945	25.5136
Variance	4.35	7.91583
Standard deviation	2.08567	2.81351
Standard error	1.04283	1.40675
Minimum	26.8	23.4
Maximum	31.9	29.5
Range	5.1	6.1
Lower quartile	27.95	23.55
Upper quartile	30.55	27.7
Interquartile range	2.6	4.15
Skewness	0.286576	1.19909
Standardized skewness	0.233988	0.979053
Kurtosis	1.53431	0.528796
Standardized kurtosis	0.62638	0.21588
Coeff. of variation	7.13048	10.9795
Sum	117	102.5

Variable:	¹³⁷ Cs – RR RAW gutter (2004)	¹³⁷ Cs – RR RAW gutter (2005)
Sample size	4	4
Average	18.475	14.8
Median	18.7	14.15
Mode	18.7	13.5
Geometric mean	18.4402	14.7058
Variance	1.66917	3.92667
Standard deviation	1.29196	1.98158
Standard error	0.645981	0.990791
Minimum	16.7	13.3
Maximum	19.8	17.6
Range	3.1	4.3
Lower quartile	17.7	13.4
Upper quartile	19.25	16.2
Interquartile range	1.55	2.8
Skewness	-1.00267	1.40342
Standardized skewness	-0.818673	1.14588
Kurtosis	2.06979	1.5
Standardized kurtosis	0.84499	0.612372
Coeff. of variation	6.99303	13.3891
Sum	73.9	59.2

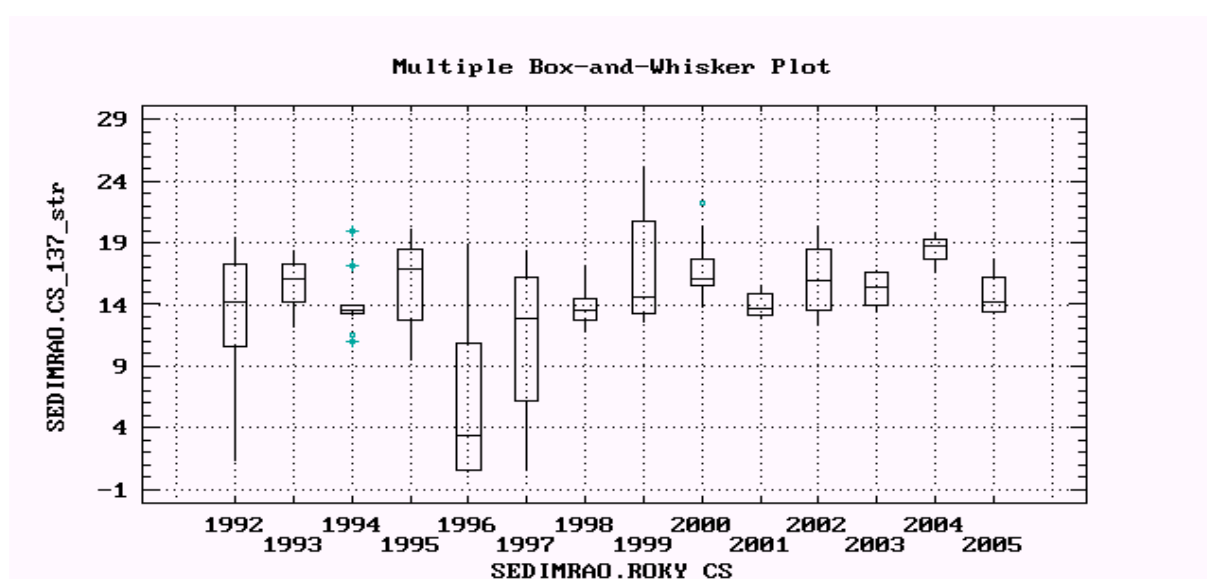
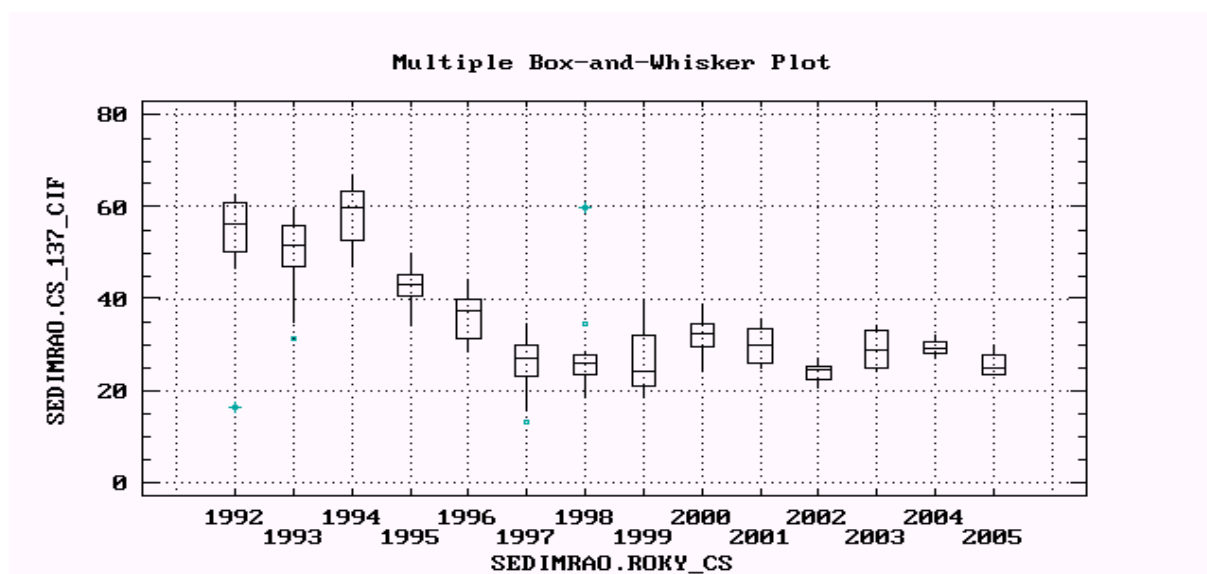
Conclusions: Compared to the last year, continuous decrease of Cesium values only is resulting from the above mentioned tables as well as from following Box and Whisker plots for the RR RAW location – gutter.

Figures No 1, 2: Box and Whisker plots for ^{137}Cs – Čifáre fishpond (in the monitored years 1992-2005) & ^{137}Cs – RR RAW gutter (in the monitored years 1992-2005). Box and Whisker plots - ^{134}Cs – Čifáre fishpond (in the monitored years 1992-2005) & ^{134}Cs – RR RAW gutter (in the monitored years 1992-2005) were not published, whereas they were similar to those from the previous years – values of these radionuclides came back under MDA.

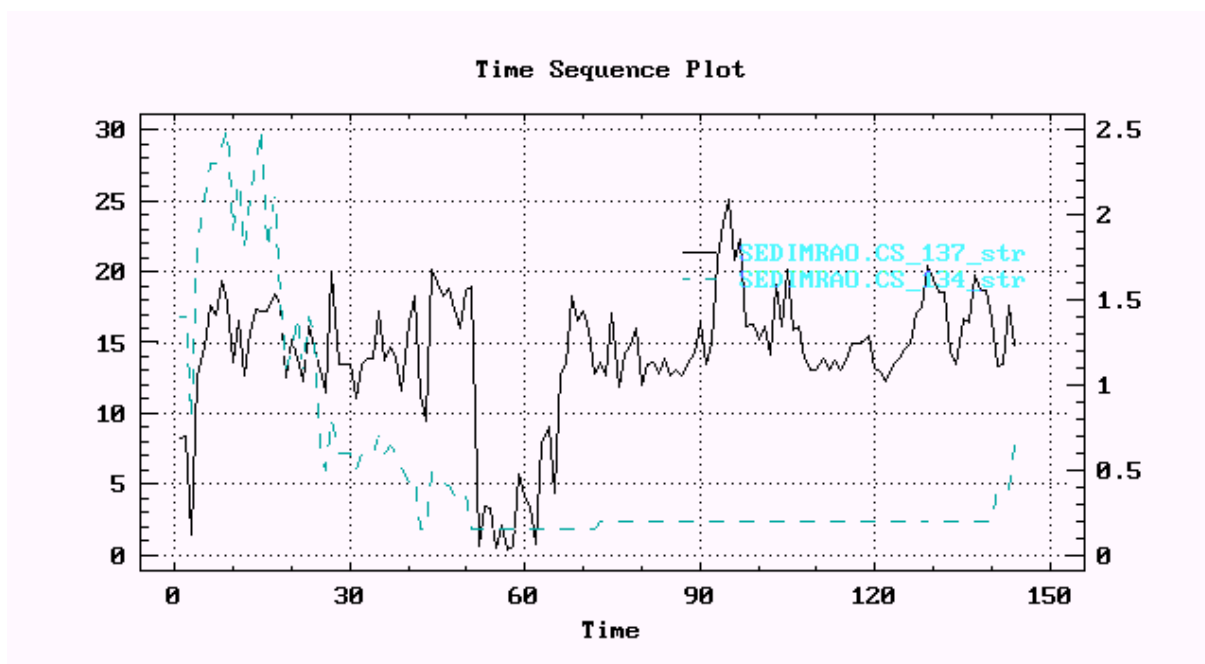
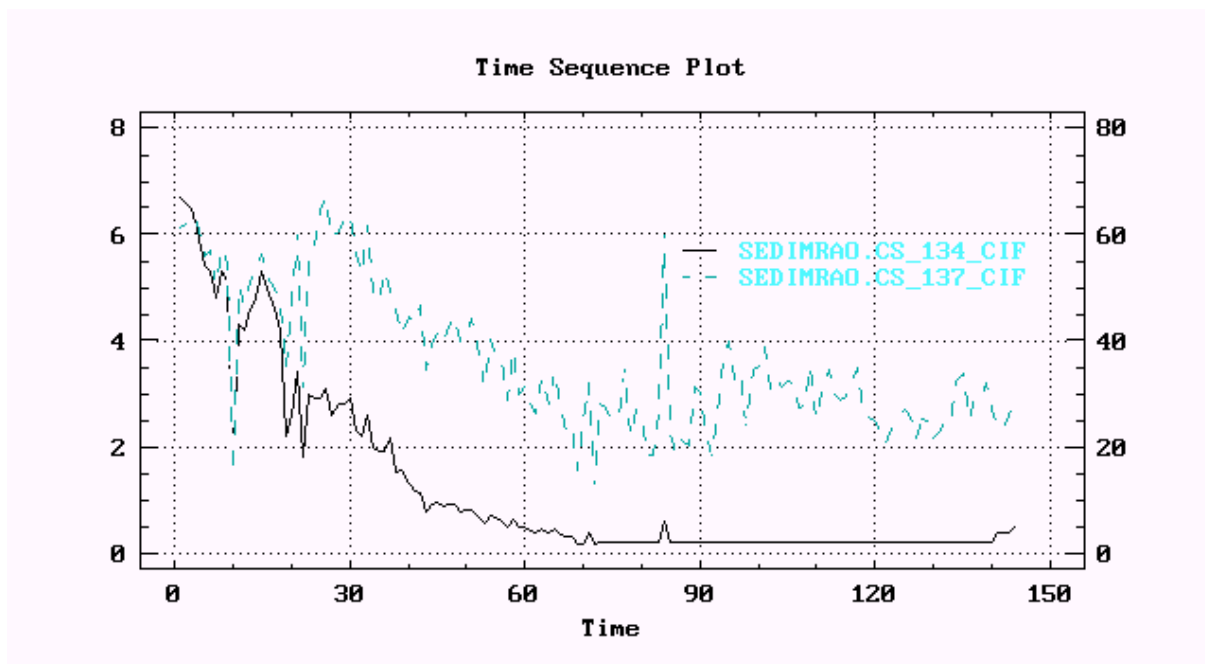
Figures No 3, 4: time sequence of RR RAW sediments - ^{134}Cs & ^{137}Cs – Čifáre fishpond (in the monitored years 1992-2002 – twelve off-takes a year; since 2003 - four off-takes a year), ^{134}Cs a ^{137}Cs – RR RAW gutter (in the monitored years 1992-2002 – twelve off-takes a year; since 2003 - four off-takes a year)

Note: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample.

Figures No 1, 2



Figures No 3, 4



Soil specific activity – RR RAW

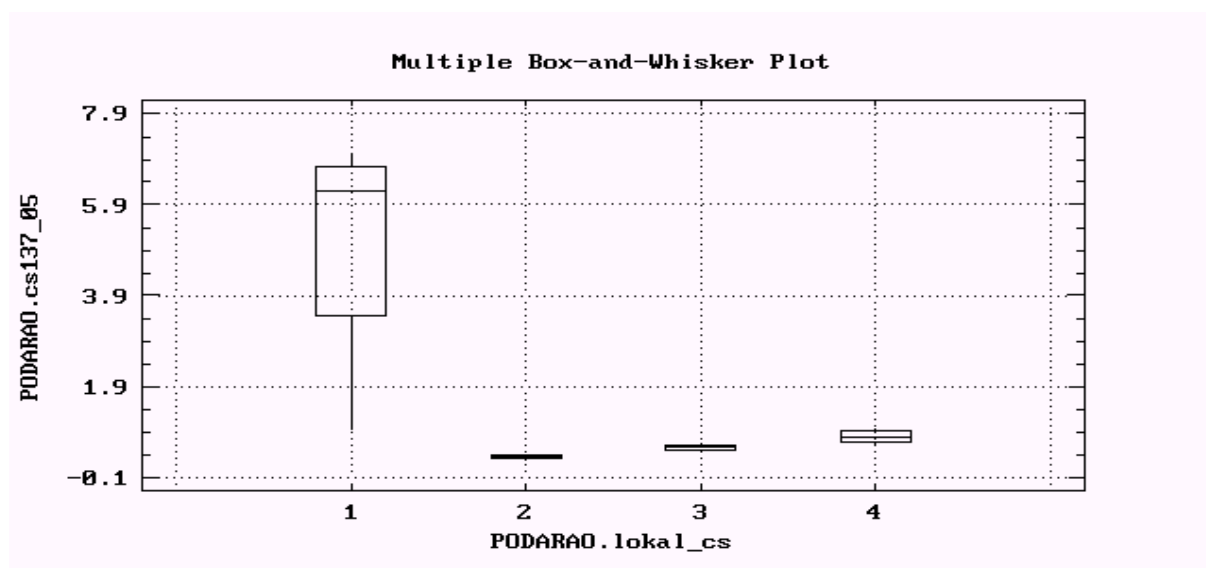
Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: Basic statistic data (2005) – all four monitoring points were considered as a whole

Variable:	¹³⁷ Cs	⁹⁰ Sr
Sample size	16	4
Average	1.69306	1.75
Median	0.6375	1.8
Mode	0.635	1.7
Geometric mean	0.87027	1.73416
Variance	5.69157	0.07
Standard deviation	2.3857	0.264575
Standard error	0.596425	0.132288
Minimum	0.267	1.4
Maximum	7.01	2
Range	6.743	0.6
Lower quartile	0.4265	1.55
Upper quartile	0.9585	1.95
Interquartile range	0.532	0.4
Skewness	1.76864	-0.863919
Standardized skewness	2.88818	-0.705387
Kurtosis	1.40167	-0.285714
Standardized kurtosis	1.14446	-0.116642
Coeff. of variation	140.91	15.1186
Sum	27.089	7

Conclusions: variation coefficients did not exclude normality of files for strontium

Figure: Box and Whisker plots for ¹³⁷Cs for all four monitoring points in 2005



Conclusions: samples with the lowest cesium concentrations were obtained from the location No 2 again

Deviations from the monitoring program

Liquid milk is permanently taken off from the only location.

There were realized off-takes of 6 various types of samples dedicated to alpha spectrometric analyses and 6 various types of samples for ^{14}C over the frame of the monitoring program QA- 07-01; the results were published in our report.

Used abbreviations and terms

NPP	: nuclear power plant
IC	: ionization chamber
L&P	: limits & provisions
ERML	: Environmental Radiation Monitoring Laboratory
MDA	: minimum detectable activity – the lowest activity, which can be detected by the given equipment under the given measuring conditions with the probability of 95%
DR	: dose rate
RM	: radiation monitoring
RR RAW	: the Republic Radioactive Waste Repository
TLD	: thermoluminescent dosimeter
SE - EMO	: Slovenské elektrárne a.s., Atómové elektrárne Mochovce plant
SDS	: stable dosimetry station
NRA SR	: Nuclear Regulatory Authority of the Slovak Republic
FCS	: food chain sample
ENV	: environment
α/δ	: vertical distribution coefficient of artificial radionuclides in soils
	: $\alpha = - (1/1.9)^* \ln\{ 1 - (a_{0-2}/ a_{0-5})\}$
δ	: specific gravity of dried soil
a_{0-2}	: artificial radionuclide activity in the 1st soil layer (0, 2 cm)
a_{0-5}	: total artificial radionuclide activity in the 1st and 2nd soil layers (0 - 5 cm)




Slovenské elektrárne, a.s., NPP Mochovce

The Report on Monitoring of Radioactivity in the SE – EMO Environment for 2006

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Levice, 28. 02. 2007

Notes to the results achieved in 2006

Monitoring of the SE – EMO environment is purposed on permanent obtaining of the data on SE – EMO environmental radioactivity and thus on ensuring environmental impacts of the operation of Atómové elektrárne Mochovce to be controlled.

This „Report on Monitoring of Radioactivity in the SE – EMO Environment“ is aimed at providing an overview of a complex group of results and data obtained on radioactivity of the NPP Mochovce environment.

There are located 15 stable dosimetric stations around Atómové elektrárne Mochovce and a station in the locality of RR RAW. The stations take off aerosole particles permanently by their absorption in the filter. Moreover, they contain a polyethylene tank for fallout collection (wet and dry together) and there are located cartridges equipped with TL dosimeters at arms installed at the stations. The environmental radiation monitoring covers an area of circa 15 km from the power plant.

This report specifies results of the operation monitoring in the form required by „EMO/2/NA-052.01-02 NPP Mochovce Environment Radiation Monitoring Plan“. This „...Monitoring Plan“ has been continuously prepared during the year and it has replaced the previous „QA-07-01 Program of Radiation Monitoring of the SE-EMO Environment“.

Table: An overview of operation monitoring for 2006.

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2006	Real status in 2006
Ionization chamber	Input dose from γ radiation in the air	15	monthly	180	180
Ionization chamber (Hať V.Kozmálovce)	Input dose from γ radiation in the air	1	annual	1	1
TLD	Input dose from γ radiation in the air	21	monthly	252	252
Aerosols	Gamma	15	weekly	780	757
	Gross beta activity	15	weekly	780	757
	Strontium	1	quarterly	4	4
Fallout SDS	Gamma	15	quarterly	60	60
	Gross beta activity	15	quarterly	60	60
Soils (4x SDS)	Gamma	4	semestrial	8	8
	Strontium	4	annual	4	4
Sediments	Gamma	3	quarterly	12	12
	Strontium	3	annual	3	3
Surface water	Gamma	5	quarterly	20	20
	Strontium, tritium	5	quarterly	20	20
	Gross beta activity	2	quarterly	8	8
	Gross alpha activity	2	quarterly	8	8
drinking water	Gamma	4	quarterly	16	16
	Strontium, tritium	4	quarterly	16	16
Underground water (discharge pipes)	Strontium, tritium	3	semestrial	6	6
	Gamma	3	semestrial	6	6
Drills RK (SE - EMO)	Strontium, tritium	6	semestrial	12	12
	Gamma	6	semestrial	12	12
Components of the food chain	Strontium	16	annual	16	16
	Gamma	16	annual	min. 32	61
Milk	Strontium	1	monthly	12	12
	Gamma	1, 2	weekly	52 - 104	52
Fish	Strontium	-	annual	1	1
	Gamma	-	annual	2 - 4	3
Meat	Strontium	1	annual	1	1
	Gamma	1	annual	1	1
Snow	Strontium, tritium	1	max.3 times per year	3	3

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2006	Real status in 2006
	Gamma	1	max. 8	8	4
IN SITU measurements	Gamma	5 localities	annual	5	5
Soils IN SITU	Gamma	5 localities	annual	15	15
	Strontium	4	annual	4	4
Grass IN SITU	Gamma	5 localities	annual	5	5
TLD (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Ionization chamber (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Fallout SDS (RÚ RaO)	Gamma	1	quarterly	4	4
	Gross beta activity	1	quarterly	4	4
Underground water (Drillings RÚ RaO)	Gamma	6	quarterly	24	24
	Strontium, tritium	6	quarterly	24	24
Surface water (RÚ RaO)	Strontium, tritium	1	quarterly	4	4
	Gamma	1	quarterly	4	4
Sediments (RÚ RaO)	Strontium	1	annual	1	1
	Gamma	1	quarterly	4	4
Soils (RÚ RaO)	Strontium	4	monthly	4	4
	Gamma	4	semestrial	8	8
Grass (RÚ RaO)	Gamma	4	semestrial	8	8
TLD (FS KRAO)	Input dose from γ radiation in the air	3	monthly	12	12
IK (FS KRAO)	Input dose from γ radiation in the air	1	monthly	4	4
	Alphaspectrometry	-	-	6	6
	Carbon (^{14}C)	-	-	6	6

We monitor the inputs of doses and doses from TLD at locations distant up to 20 km from SE-EMO as well. These so called emergency dosimeters currently cover 50 locations. We have collected and evaluated them three times in 2005. Results from the dosimeters were not included in our report.

A part of our report is focused on statistic processing of the data, which should help us in our better orientation during the data evaluation and verification, indicating the impacts of NPP Mochovce res. during visual checks of tables containing measured data.

All the results presented in the report are marked with „N“ – commonly usable data – in terms of EMO/2/NA-052.01-02. We have marked all the values exceeding the investigating level (3 sigma) with symbol „E“ representing a non-conformance, while the values had been used in the statistic processing. No result was marked with „R“ – rejected.

Statistic processing of results and data analyses were performed through the Microsoft Excel software. Results from this software were inserted in our report.

Radionuclides in the environment, while their behavior investigated at the only off-take point and various time points or at several off-take points at the same time, represent normal res. lognormal distribution.

Statistic processing of results (particularly description statistic – basic statistic data) were performed through the Microsoft Excel software. Results from this software were inserted in our report.

The symmetry can be also checked through a skewness res. kurtosis; these values are presented in the overall statistics by the samples. In the overall statistics, we have presented for example mean, dispersion, median etc. showing the diversion and shape positions. Negative values of the skewness coefficient are typical for an asymmetric distribution skewed to the right (more frequent appearance of higher values). Positive values are typical for the distribution skewed to the left (more frequent appearance of lower values). Kurtosis coefficients compare the distribution with the normal distribution. Negative values indicate flatter distribution, positive values indicate more kurtosis distribution. The mode represents the most frequent value (needs not be always specified).

Through the testing of ANOVA hypothesis we have estimated, under a certain probability, whether the statements on parameters from the group are true or false. During the tests, we have also made large

simplifications, whereas the group of data obtained from one location is very small and its statistic analysis is too complicated.

In accordance with the EMO/2/NA-052.01-02 NPP Mochovce Environment Radiation Monitoring Plan, SE-EMO plant declares through the environmental radiation monitoring radiological impacts of the power plant operation on the environment and on inhabitants. Monitoring activities are aimed at documenting that radiological impacts, i.e. exposure of inhabitants and concentration of radioisotopes from emissions are below the limits presented in the Annex No 3 to the Decree of the government No 345/2006 Coll. on Basic Safety Requirements for Health Protection of Workers and Population from Ionizing Radiation (and L&P laid down by NRA SR) and that the impacts are as low as reasonably achievable – ALARA.

The report regarding the period of 2006 is based on the pre-operation and operation period from the past years. Monitoring results demonstrate that impacts of SE-EMO units 1 and 2 during standard operation in 2006 were close to zero in spite of a high sensitivity of the equipment applied. Tritium and ^{90}Sr values measured in surface waters (the Hron River) comply with the SE-EMO project values and with the legal requirements (the Decree of the government of SR No 296/2005, by which the indicators of permissible pollution level of surface waters are set forth) too. Results from monitoring of the air, soils, agricultural products, from thermoluminescent dosimeters or ionization chambers did not reveal impacts of SE-EMO operation on the background values of radionuclides in the SE-EMO environment (consisting of terrestrial radionuclides, ^{238}U , ^{232}Th , ^{40}K , ^7Be and antropogenic radionuclides - ^{137}Cs , ^{134}Cs , ^{90}Sr produced during nuclear tests in the air and during the Tchernobyl disaster) either. Traceability of ^{137}Cs according to its source of origin is currently very difficult; moreover, we have also detected a leakage of ^{137}Cs from Spanish metalworks in Algericas in 1998 (it was found in aerosols and in cow milk). The only exception is water plants (see the comment and the table on agricultural products) to be monitored further.

Results from monitoring of the SE-EMO environment in 2006 demonstrate that the radiological impacts of the SE-EMO operation on the environment in 2006 and exposure of inhabitants were not only below the limits specified, but they were practically undetectable. The way of operating the systems of gaseous and liquid emissions treatment and their permitting ensure the emissions maintained ALARA.

In spite of these conclusions, some values exceed the values of investigation levels. Analysis of reasons for increased investigation levels is presented in next sections of this report. For better orientation, there are presented values for investigation levels (3 sigma) and really analyzed (measured) values in next sections. Investigation levels equal to three sigma were calculated in the last two years and they could be affected by off-take conditions (particularly the meteorological ones) of these years significantly.

Dose rate measured by TLD

Doses res. dose rates of gamma radiation in the air in SDS locations are measured by HARSHAW 4500 equipment and TLD cards consisting of: 2x TLD 100 (LiF:Mg,Ti) characterized by low fading and being suitable to a long-term monitoring as for example emergency dosimeters up to 10 Gy, and 2x TLD 200 (CaF₂:Dy) characterized by high fading, higher sensitivity and being suitable for monitoring with duration of circa 1 month. Our report contains results from both types of dosimeters. The results were evaluated in the ambient dose equivalent H*(10).

There are located six other TL dosimeters in the SE-EMO area purposed on measuring the operation and emergency radiation situation.

There are located 5 dosimeters at the RR RAW location. We also started to monitor the LRAW FP regularly since September, namely once a month – three dosimeters.

Basic statistic data – description statistic was performed in the Excel package – Data analysis.

Following tables contain basic statistic data comparing two subsequent years: 2005 & 2006.

Basic statistic data: TLD 100 – stable dosimetry stations

2005		2006	
Mean value	85,02	Mean value	84,70
Mean value uncertainty	1,14	Mean value uncertainty	0,96
Median	84	Median	84
Mode	84	Mode	87
Standard deviation	15,32	Standard deviation	12,78
Sample variance	234,77	Sample variance	163,25
Kurtosis	0,35	Kurtosis	0,16
Skewness	0,53	Skewness	0,21
Difference between max and min	86	Difference between max and min	75
Minimum	51	Minimum	51
Maximum	137	Maximum	126
Sum	15304	Sum	15162
Number of measurement	180	Number of measurement	179
Highest value (1)	137	Highest value (1)	126
Lowest value (1)	51	Lowest value (1)	51
Confidence level (95,0%)	2,25	Confidence level (95,0%)	1,88

Basic statistic data: TLD 200 – stable dosimetry stations

2005		2006	
Mean value	82,94	Mean value	85,32
Mean value uncertainty	0,73	Mean value uncertainty	0,93
Median	83	Median	86
Mode	77	Mode	89
Standard deviation	9,75	Standard deviation	12,52
Sample variance	95,10	Sample variance	156,73
Kurtosis	-0,21	Kurtosis	-0,64
Skewness	0,24	Skewness	0,01
Difference between max and min	48	Difference between max and min	56
Minimum	60	Minimum	57
Maximum	108	Maximum	113
Sum	14929	Sum	15358,00
Number of measurement	180	Number of measurement	180
Highest value (1)	108	Highest value (1)	113
Lowest value (1)	60	Lowest value (1)	57
Confidence level (95,0%)	1,43	Confidence level (95,0%)	1,84

Basic statistic data: TLD 100 – SE EMO location

Description statistic 2005		Description statistic 2006	
Mean value	95,85	Mean value	95,94
Mean value uncertainty	1,94	Mean value uncertainty	1,64
Median	95	Median	94,5
Mode	96	Mode	83
Standard deviation	16,48	Standard deviation	13,89
Sample variance	271,54	Sample variance	192,93
Kurtosis	0,84	Kurtosis	-0,45
Skewness	0,74	Skewness	0,04
Difference between max and min	82	Difference between max and min	63
Minimum	60	Minimum	65
Maximum	142	Maximum	128
Sum	6901	Sum	6908
Number of measurement	72	Number of measurement	72
Highest value (1)	142	Highest value (1)	128
Lowest value (1)	60	Lowest value (1)	65
Confidence level (95,0%)	3,87	Confidence level (95,0%)	3,26

Following table contains basic statistic data (2006) from following locations: Mochovce – NPP location, Nový Tekov – a municipality in the section 6 with prevailing wind streaming, Rybník - a municipality in the section 4.

Basic statistic data: TLD 100 – locations: Mochovce SDS, Nový Tekov SDS, Rybník SDS

	Mochovce SDS	Nový Tekov SDS	Rybník SDS
Mean value	94,5	86,417	86,67
Mean value uncertainty	3,69	2,63	2,82
Median	97	83	86
Mode	99	83	94
Standard deviation	12,79	9,10	9,75
Sample variance	163,55	82,81	95,15
Kurtosis	0,26	-0,90	-0,59
Skewness	-0,84	0,40	0,02
Difference between max and min	42	28	32
Minimum	67	72	71
Maximum	109	100	103
Sum	1134	1037	1040
Number of measurement	12	12	12
Highest value (1)	109	100	103
Lowest value (1)	67	72	71
Confidence level (95,0%)	8,13	5,78	6,20

It is obvious from the above mentioned tables that the statistic deviations were not significant.

In the next part of the analysis, we have compared several locations by the dispersion analysis (ANOVA – Excel's software) in order to find out, whether average values measured at these locations were identical or whether they were very different from those measured in 2005. All populations (locations) are considered as normal ones with identical dispersion. We calculate the dispersion analysis even in the case, when the normality was not confirmed by tests, whereas its conclusions are still close to the truth in assumption that a similar selection size had been used.

Mochovce TLD 200 - 2005 vs. 2006

Factor

Selection	Count	Sum	Mean	Dispersion
Column 1	12	1085	90,41667	73,53788
Column 2	12	1096	91,33333	167,697

ANOVA

Variability source	SS	Difference	MS	F	P value	F crit
Partial selection	5,041667	1	5,041667	0,041799	0,839883	4,300949
All selections	2653,583	22	120,6174			
Total	2658,625	23				

Chyba! Objekty sa nedajú vytvoriť úpravami kódov polí.

Rybník TLD 200 - 2005 vs. 2006

Factor

<i>Selection</i>	<i>Count</i>	<i>Sum</i>	<i>Mean</i>	<i>Dispersion</i>
Column 1	12	1047	87,25	50,56818
Column 2	12	1089	90,75	118,2045

ANOVA

<i>Variability source</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
Partial selection	73,5	1	73,5	0,870994	0,360811	4,300949
All selections	1856,5	22	84,38636			
Total	1930	23				

TLD 200 locations: Mochovce-Nový Tekov-Rybník - 2006

Factor

<i>Selection</i>	<i>Count</i>	<i>Sum</i>	<i>Mean</i>	<i>Dispersion</i>
Column 1	12	1096	91,33333	167,697
Column 2	12	1013	84,41667	122,8106
Column 3	12	1089	90,75	118,2045

ANOVA

<i>Variability source</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
Partial selection	353,1667	2	176,5833	1,296145	0,287149	3,284918
All selections	4495,833	33	136,2374			
Total	4849	35				

TLD 200 - locations of allocated Emergency Dosimeters in SE-EMO - 2005

Factor

<i>Selection</i>	<i>Count</i>	<i>Sum</i>	<i>Mean</i>	<i>Dispersion</i>
Row 1	12	1202	100,1667	109,2424
Row 2	12	1268	105,6667	170,2424
Row 3	12	972	81	127,2727
Row 4	12	1020	85	98,72727
Row 5	12	1054	87,83333	119,4242
Row 6	12	1054	87,83333	135,6061

ANOVA

<i>Variability source</i>	<i>SS</i>	<i>Difference</i>	<i>MS</i>	<i>F</i>	<i>P value</i>	<i>F crit</i>
Partial selection	5457,833	5	1091,567	8,611794	2,53548E-06	2,353809
All selection	8365,667	66	126,7525			
Total	13823,5	71				

Conclusions: We consider the difference in values and investigated locations as important in the case, when F (testing criterion) is higher than the quantile F_{crit} defined for respective degrees of width specified in the column 3 (Difference). Our investigation was made for a significance level $\alpha = 0.05$. P value is, in fact,

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the lowest significance level for rejecting the assumption that average values for the locations are identical. Regarding the values „ $\alpha < P$ value“, we have adopted a hypothesis that average values for the locations were identical. Criterion $F > F_{krit.}$ is met in the only case, when dosimeters at the SE – EMO location are compared.

For further orientation, the table section also contains doses and average dose rates for each location.

Dose rate measured by IC

Dose rates of gamma radiation in the air are measured in **RSS** ionization chamber manufactured by Reuter Stokes Company.

The measurements are performed once a month at the SDS points – 14 devices (with the only exception for the roof of ERML in Levice), while the cooling towers location is monitored too (1 device). We have also started to monitor the LRAW FP location through regular monthly measurements since September (1 device).

Dose rates are presented without deduction of a cosmic radiation contribution and the air pressure value corresponds with the one from the central computer network. Measuring protocols also include the temperature (but not this report). Results were evaluated under the rate of the ambient dose equivalent $H^*(10)$.

The cosmic radiation contribution was measured at „the Veľké Kozmálovce dam“ as follows:

Date of measurement	15.08.2006
Place of measurement	Veľké Kozmálovce - Hat'
Obtained value [nSv/h]	41 ± 4

Basic statistic data: stable dosimetry stations

2005		2006	
Mean value	91,26111111	Mean value	93,68889
Mean value uncertainty	0,594479251	Mean value uncertainty	0,479971
Median	92	Median	94
Mode	89	Mode	91
Standard deviation	7,975776097	Standard deviation	6,439481
Sample variance	63,61300435	Sample variance	41,46691
Kurtosis	0,157345763	Kurtosis	0,364453
Skewness	-0,55740363	Skewness	-0,028156
Difference between max and min	39	Difference between max and min	41
Minimum	68	Minimum	75
Maximum	107	Maximum	116
Sum	16427	Sum	16864
Number of measurement	180	Number of measurement	180
Highest value (1)	107	Highest value (1)	116
Lowest value (1)	68	Lowest value (1)	75
Confidence level (95,0%)	1,173089112	Confidence level (95,0%)	0,947129

Basic statistic data: – locations: Mochovce SDS, Nový Tekov SDS, Rybník SDS

	Mochovce SDS	Nový Tekov SDS	Rybník SDS
Mean value	94,50	98,08	94,17
Mean value uncertainty	1,69	1,23	1,60
Median	95,5	99,5	95
Mode	98	101	95
Standard deviation	5,85	4,25	5,54
Sample variance	34,27	18,08	30,70
Kurtosis	0,65	2,34	5,32
Skewness	-1,04	-1,77	-1,95
Difference between max and m	19	13	22
Minimum	83	88	79
Maximum	102	101	101
Sum	1134	1177	1130
Number of measurement	12	12	12
Highest value (1)	102	101	101
Lowest value (1)	83	88	79
Confidence level (95,0%)	3,72	2,70	3,52

Investigation levels for instantaneous inputs of ambient dose equivalent rate have not been exceeded.

On the base of statistic analyses we can state that median of dose rates from all locations achieved the same level as in 2005. However, values of the instantaneous dose rate depend on the location monitored and on the weather impacts very much.

Field gamma spectrometry

Results regarding radiochemical measurements of soils in the IN SITU locations are presented in the table *Field gamma spectrometry – radiochemical measurements*, section „Soil specific activity“.

No investigation level exceeded during field gamma spectrometric measurements.

However, investigation levels have been exceeded during gamma spectrometric measurements of soils in the laboratory as follows:

LOCATION	Investigation level [Bq/kg]	Obtained value [Bq/kg]
Tekovský Hrádok	23,5 - 1. level	30,9
Tekovský Hrádok	25,4 - 2. level	29,1

Above mentioned exceedings were possibly related to the changed location of Tekovský Hrádok.

Results obtained from the SE-EMO area clearly show that there were performed ground works there and that soil was transported from another location.

Dose rates presented in this section were converted onto kerma in the air; the only exception was applied to the measurements of dose rates in the IC – specified as the ambient dose equivalent rate.

All locations subject to the field gamma spectrometry have been already changed due to impacts of human activities and the locations have been moved of certain distances from the original ones res. a whole location has been changed. The most typical Vráble location was moved of circa 100 m in the second half of 1997.

Soil specific activity

There was used a unified soil sampling layer depth of 0-5 cm in the analysis.

We made no separate investigation of the locations, whereas soils taken off the locations were measured twice a year only; in the case of radiochemical analyses, soils of respective location are analyzed once a year only.

Regarding gamma spectrometry, this year we have not recorded the investigation level having been exceeded.

Basic statistic data: ¹³⁷CS – all locations considered as a whole (2006)

<i>Description statistic 2006</i>	
Mean value	10,125
Mean value uncertainty	1,21
Median	10,6
Mode	#N/D
Standard deviation	3,42
Sample variance	11,67
Kurtosis	-0,57
Skewness	-0,87
Difference between max and m	9,18
Minimum	4,62
Maximum	13,8
Sum	81
Number of measurement	8
Highest value (1)	13,8
Lowest value (1)	4,62
Confidence level (95,0%)	2,86

Aerosol activity

Aerosols are taken off from all 15 SDS allocated around SE EMO (RR RAW SDS is not equipped with the off-taking device). Aerosols are taken off via flushing equipment VOPV 200-05 installed in SDS with the temperature of inner space controlled.

The overflow of flushing equipment is set on 60 m³/hour with an exception for SDS SE-Mochovce with the overflow set on 80 m³/hour. The filter exposition time is as of 1 week. Some locations have suffered from a broken continuous flushing equipment – SDS in ERML, Mochovce, Veľký Ďur, Nemčiňany, Nový Tekov.

The activity of monitored antropogenic radionuclides was lower than MDA (¹³⁷Cs over MDA was analyzed at some filters), while we had recorded ¹³⁷Cs activity exceeding the investigation level at following stations (there is specified the investigation level value in μBq/m³ under each location):

	Veľký Ďur 2,73	Nemčiňany 2,76	Kozárovce 2,83	Zlaté Moravce 3,12
19 week	3,64	4,39	--	3,91
25 week	--	--	2,93	--

Investigation levels for the gross weekly beta activity have been exceeded at following SDS (there is specified the investigation level value in μBq/m³ under each location):

	ERML 881	Levice 878	Kalná n.Hr. 978	Mochovce 943	Čífare 840	V.Ďur 859	Vráble 779	Tajná 807	Č.Hrádok 972	Nemčiňany 630	Ľ.Kozmálovci 819	N.Tekov 864	Kozárovce 926	Z.Moravce 920	Rybník 859
4 week	--	--	--	--	932	914	955	820	1104	651	871	910	--	975	--
5 week	1002	--	--	--	949	990	824	941	1125	715	913	917	981	--	--
39 week	--	--	--	--	--	--	--	--	--	695	--	--	--	--	--
40 week	1037	979	--	973	961	1062	868	955	1137	1060	976	918	1125	1018	1079
42 week	--	--	--	--	--	--	--	--	--	637	--	--	--	--	--
47 week	--	--	--	--	--	--	--	--	--	783	--	865	--	--	--
48 week	--	--	--	--	--	--	--	--	--	651	--	--	--	--	--
49 week	1049	1157	1019	982	1013	967	917	973	1197	1115	919	901	1035	1009	1041
50 week	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
51 week	*	--	--	--	--	--	--	--	--	675	--	--	--	--	--

Within the given period, we have made a comparison with gamma spectrometric measurements at the locations specified. The measurements did not prove any elevation. The values monitored (in some cases the elevation exceeded 5 sigma) were perhaps affected by increased dustiness absorbed by the filter.

We have also recorded an elevation higher than 5 sigma at the SDS Nemčiňany – this SDS was probably suffering from long-term partial air induction beyond the filter surface res. the induction track behind the filter was too untight (thus the 3 and 5 sigma values were lower than those from other SDS). This defect was retrieved by repairing the flushing equipment, its calibration for the overflow required and by resealing of all joints at the induction side.

Similarly to the procedure applied for TLD, we have chosen three SDS for statistic comparison focused on the gross beta activity: Mochovce, Nový Tekov & Rybník.

Basic statistic data:

	SDS Mochovce	SDS N. Tekov	SDS Rybník
Mean value	396,02	419,75	408,73
Mean value uncertainty	30,78	31,30	29,38
Median	332	369	342
Mode	302	#N/D	#N/D
Standard deviation	219,79	223,50	211,87
Sample variance	48309,14	49950,19	44889,97
Kurtosis	0,47	0,11	1,71
Skewness	1,01	0,95	1,21
Difference between max and m	879	804	953
Minimum	103	114	126
Maximum	982	918	1079
Sum	20197	21407	21254
Number of measurement	51	51	52
Highest value (1)	982	918	1079
Lowest value (1)	103	114	126
Confidence level (95,0%)	61,82	62,86	58,99

Fallout activity

Fallouts are taken off from 16 stable dosimetry station locations allocated around SE EMO. They are absorbed by 10 dm³ PE tank at the water surface through a stack hole with the diameter of 196 mm (206 mm for Vrable). Samples are taken off quarterly.

The activity of ¹³⁷Cs radionuclide was always lower than MDA.

The basic statistic of 2006 for each location was not performed; the number of measurements was very low.

During gamma spectrometric measurements, the investigation levels for ¹³⁷Cs were exceeded as follows:

LOCATION	Investigation level	Quarter IV
	[Bq/m ²]	[Bq/m ²]
Malé Kozmálovce	1,40	1,43

The investigation levels for the gross beta activity were exceeded as follows:

LOCATION	Investigation level	Quarter II	Quarter III	Quarter IV
	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]
LRKO	14	20,1	*	*
Levice	16	21,0	*	*
Kalná n/Hronom	24	26,6	*	39,4
Mochovce	14	27,6	*	*
Čifáre	14	21,3	*	*
Veľký Ďur	14	25,9	*	*
Malé Kozmálovce	25	33,0	*	*
Nový Tekov	16	21,5	*	*
Kozárovce	19	22,2	23,0	*
Zlaté Moravce	14	14,6	*	*
Rybník	16	26,6	*	*

In the given period, the results for above mentioned locations have been compared to the gamma spectrometric measurements with no elevation confirmed. The monitored values have been affected by the increased weight of fallouts

Volume activity in surface, drinking and underground waters and in radiation monitoring bore holes

Water samples are taken off by the off-take tank. In regard of underground waters and radiation monitoring bore holes, we use a pneumatic sampler. Water from bore holes (underground waters) of the RR RAW area is taken off by employees of JAVYS a.s. through the transportation tanks prepared by us.

Regarding energy savings and long-term obtaining of artificial gamma radionuclides results below MDA, some samples were analyzed as mixture samples from several locations. The off-taken samples prepared for partial analyses have been liquidated after these mixture samples having been analyzed.

The activity of all artificial gamma radionuclides is below the MDA level.

Surface waters

On the base of the Decision of the Regional Environmental Office in Nitra, we have also performed analyses focused on the gross alpha and gross beta activities in surface waters in 2006. Above mentioned analyses and locations (see the table section) have been already included in our regular monitoring program. Samples dedicated to above mentioned analyses are taken off at two locations (upstream and downstream the outlet hole) once a week; the samples are mixture and evaluated quarterly.

Regarding tritium, the investigation levels in surface waters have been exceeded as follows:

Location	Investigation level [mBq/l]	Quarter II [mBq/l]
Mochovce /Telinský potok/	3,0	3,1

The increased value was not either confirmed by comparing to other analyzing methods (gamma spectrometry, strontium) during subsequent quarters.

We have made statistic processing of surface waters for ⁹⁰Sr.

Basic statistic data: ⁹⁰Sr – three locations - Tlmače - Hron (upstream the outlet hole), Hron – downstream the outlet hole, Kalná n/Hronom - Hron

	Tlmače (Hron)	V. Koználovce (Hron - downstream the outlet hole)	Kalná n/Hronom (Hron)
Mean value	9,5	12,25	12,75
Mean value error	2,25	2,63	2,25
Median	9,5	10	11,5
Mode	#NOT AVAILABLE	9	#NOT AVAILABLE
Standard deviation	4,51	5,25	4,50
Sample variance	20,33	27,58	20,25
Kurtosis	1,26	3,29	0,98
Skewness	0,00	1,82	1,25
Range max-min	11	11	10
Minimum	4	9	9
Maximum	15	20	19
Sum	38	49	51
Count	4	4	4
Largest (1)	15	20	19
Smallest (1)	4	9	9
Confidence level (95,0%)	7,18	8,36	7,16

Drinking waters

We have not registered any exceeding of investigation levels.

Water wells marked with „S“-number have been gradually shut down by the company Západoslovenské vodárne a kanalizácie (West Slovak Water and Sewage Works). We found a replacement for these drinking water sources in adjacent towns - M. Kozmálovce, N. Tekov, Starý Tekov & Kalná nad Hronom - Kálnica.

Underground waters (waste piping Mochovce-Hron)

We have not statistically evaluated underground waters and radiation monitoring bore holes. The underground waters bore hole HG-1 is no more accessible due to the liquidation of a horse-breeding farm and it is also not included in the monitoring plan EMO/2/NA-052.01-02. The bore hole HG-8 is locked behind a fence, water has not been removed from it and it was released from the monitoring plan.

Underground waters (radiation monitoring bore holes-SE EMO location)

In Radiation Monitoring Plan for the environment of NPP Mochovce there are also listed radiation monitoring (RM) bore holes in the SE-EMO area. Every six months we evaluate samples from these bore holes (from every bore hole containing water) by gamma-spectrometry and for ^{90}Sr and tritium concentrations.

Specific activity of sediments

We collect sedimentary deposits from the Hron River once a quarter year from three locations. In observing sediments analyses there is gradual decrease in concentrations of monitored radionuclides.

Basic statistic data (comparison of years 2006 and 2005): ^{137}Cs – locations – Tlmače Hron, N. Tekov – Hron (power plant), Kalná nad Hronom - Hron

	2006	2005
Mean value	19,2	14,05
Mean value error	2,47	0,56
Median	20,05	14,2
Mode	#NOT AVAILABLE	15
Standard deviation	4,94	1,12
Sample variance	24,38	1,26
Kurtosis	-2,62	-4,63
Skewness	-0,56	-0,24
Range max-min	10,5	2,2
Minimum	13,1	12,8
Maximum	23,6	15
Sum	76,8	56,2
Count	4	4
Largest (1)	23,6	15
Smallest (1)	13,1	12,8
Confidence level (95,0%)	7,86	1,79

	2006	2005
Mean value	7,0725	6,0725
Mean value error	0,67	1,35
Median	6,915	5,765
Mode	#NOT AVAILABLE	#NOT AVAILABLE
Standard deviation	1,34	2,70
Sample variance	1,79	7,28
Kurtosis	1,65	-2,69
Skewness	0,69	0,42
Range max-min	3,24	5,9
Minimum	5,61	3,43
Maximum	8,85	9,33
Sum	28,29	24,29
Count	4	4
Largest (1)	8,85	9,33
Smallest (1)	5,61	3,43
Confidence level (95,0%)	2,13	4,29

Volume activity of liquid milk

Off-takes of milk samples are provided by cooperative farm Kalná nad Hronom /Tekovský Hrádok farm/. We prepared weekly mixture sample from daily sample off-take for gamma-spectrometry analysis. For ^{90}Sr analysis we prepared monthly mixture sample from weekly milk sample off-take.

Liquid milk samples have been processed before performing measurements in lyophilisator. Obtained results display no significant statistic deviations.

Surface activity of snow

Snow is taken off into the off-take tank with the size of 1 m², which is placed on the roof of ERML. After the snow had melted at the room temperature we proceeded in the same way as in waters processing and measuring for individual analyses.

Within the monitored period we have taken off four snow samples. We evaluated all samples by gamma-spectrometry and in three snow samples we evaluated tritium and strontium.

Specific activity of samples of agricultural products

There have been observed no statistically significant deviations in measuring the specific activity.

In gamma-spectrometry measurements - ^{137}Cs , we registered two clover samples above the investigation level:

Location	Investigation level [Bq/kg]	Quarter IV [Bq/kg]
Kozárovce	1,20	1,57
Starý Tekov	1,20	1,30

Agricultural products have no fixed sampling location. Exceeding is related to the calculated investigation level from other locations.

There were included water plants in the report again. According to the plan we had to take off two samples – upstream the outlet hole and at the point close to the outlet hole. We have also taken off another sample downstream the outlet hole to confirm (not to confirm) the impact of liquid emissions. And ^{60}Co was detected just in this sample. In the last year we detected radionuclides ^{58}Co & $^{110\text{m}}\text{Ag}$ as well.

RR RAW monitoring

Average and instantaneous dose rates in the RR RAW show usually lower values than those from other locations. According to the Radiation monitoring plan for the environment of NPP Mochovce, we also monitored examination levels for dose rates measured by TLD and ionization chamber. Investigation levels have not been exceeded.

Basic statistic data: TLD 200 – location RR RAW

2005		2006	
Mean value	80,52	Mean value	83,12
Mean value error	0,98	Mean value error	1,38
Median	80	Median	83,5
Mode	80	Mode	93
Standard deviation	7,55	Standard deviation	10,70
Sample variance	57,07	Sample variance	114,48
Kurtosis	1,03	Kurtosis	-0,26
Skewness	-0,44	Skewness	-0,27
Range max-min	40	Range max-min	49
Minimum	55	Minimum	57
Maximum	95	Maximum	106
Sum	4831	Sum	4987
Count	60	Count	60
Largest (1)	95	Largest (1)	106
Smallest (1)	55	Smallest (1)	57
Confidence level (95,0%)	1,95	Confidence level (95,0%)	2,76

Basic statistic data: ionization chamber – location RR RAW

2005		2006	
Mean value	80,52	Mean value	74,43
Mean value error	0,98	Mean value error	0,84
Median	80	Median	73,5
Mode	80	Mode	66
Standard deviation	7,55	Standard deviation	6,50
Sample variance	57,07	Sample variance	42,22
Kurtosis	1,03	Kurtosis	-0,32
Skewness	-0,44	Skewness	0,54
Range max-min	40	Range max-min	28
Minimum	55	Minimum	64
Maximum	95	Maximum	92
Sum	4831	Sum	4466
Count	60	Count	60
Largest (1)	95	Largest (1)	92
Smallest (1)	55	Smallest (1)	64
Confidence level (95,0%)	1,95	Confidence level (95,0%)	1,68

Surface and underground waters

In surface and underground waters the measured ^{137}Cs value was lower than MDA.

Underground waters – bore holes of RR RAW; we have registered following exceedings of investigation levels for ^3H :

Location	Investigation level	Quarter IV
	[Bq/l]	[Bq/l]
SRK - 3	3,0	6,4
SRK - 2A	3,0	5,0
MON - 3A	3,0	6,0
MON - 3B	2,0	5,1

We shall pay particular attention to these values in the following quarter, if they approach the value 10 Bq/l.

Specific activity of sediments - RR RAW

At the location of pond of Čifáre we have registered no exceedings of investigation levels.

Basic statistic data: ^{137}Cs - sedimentary deposits in a pond of Čifáre (2006 & 2005)

Mean value	26,05	25,63
Mean value error	1,84	1,41
Median	26,6	24,8
Mode	#NOT AVAILABLE	#NOT AVAILABLE
Standard deviation	3,68	2,81
Sample variance	13,54	7,92
Kurtosis	-1,61	0,53
Skewness	-0,61	1,20
Range max-min	8,2	6,1
Minimum	21,4	23,4
Maximum	29,6	29,5
Sum	104,2	102,5
Count	4	4
Largest (1)	29,6	29,5
Smallest (1)	21,4	23,4
Confidence level (95,0%)	5,85	4,48

Soil specific activity – RR RAW

Basic statistic data for ^{137}Cs & ^{90}Sr – all four monitoring points are considered as a whole

Chyba! Objekty sa nedajú vytvoriť úpravami kódov polí.

Deviations from the monitoring program

No deviations from the monitoring plan have been registered.

Used abbreviations and terms

NPP	: nuclear power plant
LRAW FP	: liquid radioactive waste final processing
IC	: ionization chamber
L&P	: limits and provisions
ERML	: Environmental radiation monitoring laboratory
MDA	: minimum detectable activity – the lowest activity, which can be detected by the given equipment under the given measuring conditions with the probability of 95%
ER	: dose rate
RM	: radiation monitoring
RR RAW	: republic radioactive waste repository
SDS	: stable dosimetry station
SE - EMO	: Slovenské elektrárne a.s., Atómové elektrárne Mochovce plant
TLD	: thermoluminescent dosimeter
NRA SR	Nuclear regulatory authority of SR
FCS	food chain sample
ENV	environment
α/δ	: vertical distribution coefficient of artificial radionuclides in soils $\alpha = - (1/1,9) * \ln\{1 - (a_{0-2}/ a_{0-5})\}$
δ	: Specific gravity of dried soil
a_{0-2}	: activity of artificial radionuclide in the 1st soil layer (0-2 cm)
a_{0-5}	: total activity of artificial radionuclide in the 1st and 2nd soil layers (0-5 cm)

MDA(priemerné hodnoty)
Gamaspékrometria

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
²² Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
⁵¹ Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
⁵⁴ Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
⁵⁷ Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
⁵⁸ Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
⁵⁹ Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
⁶⁰ Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
⁶⁵ Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
⁸⁵ Kr	1610	420	140	148	1760	17,9	106	83,6
⁸⁵ Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
⁸⁸ Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
⁹⁵ Nb	6,74	1,99	0,868	0,805	6,85	0,08	1,44	0,602
⁹⁵ Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
⁹⁹ Mo	437	132	65,2	54,3	662	5,46	88,2	57,9
¹⁰³ Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
¹⁰⁹ Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M} Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
¹¹³ Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
¹²⁴ I	195	52,9	13,7	13,9	232	1,43	50,6	38,1
¹²⁵ Sb	10,40	3,25	1,34	1,36	10,9	0,172	1,53	0,908
¹²⁶ I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
¹³¹ I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
¹³² Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
¹³³ Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
¹³³ Xe	398	101	55,6	54,1	434	3,37	41,4	33,2
¹³⁶ Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
¹⁴⁰ Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
¹⁴⁰ La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
¹⁴¹ Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
¹⁴⁴ Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
¹⁵² Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
²⁰³ Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
²²⁶ Ra	117	32,1	13,8	14,7	123	1,24	7,66	6,21
²³⁹ Np	3740	1390	785	794	3980	35,7	1560	1070
²⁴¹ Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
⁷ Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

MDA

Rádiochémia

³ H					1,000		1,00	1,00
⁹⁰ Sr			0,5	0,5	0,004	0,004	0,03	0,03
celk. beta	40	1,0			0,004			
celk. alfa					0,004			

Table 1 MDA, 2005

MDA(priemerné hodnoty)
Gamaspektrometria

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
²² Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
⁵¹ Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
⁵⁴ Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
⁵⁷ Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
⁵⁸ Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
⁵⁹ Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
⁶⁰ Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
⁶⁵ Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
⁸⁵ Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
⁸⁸ Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
⁹⁵ Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
⁹⁵ Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
¹⁰³ Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
¹⁰⁹ Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M} Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
¹¹³ Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
¹²⁵ Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
¹²⁶ I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
¹³¹ I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
¹³² Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
¹³³ Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
¹³⁴ Cs	4,02	1,45	0,671	0,658	6,38	0,0665	0,391	0,328
¹³⁶ Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
¹⁴⁰ Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
¹⁴⁰ La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
¹⁴¹ Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
¹⁴⁴ Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,44
¹⁵² Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
²⁰³ Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
²⁴¹ Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
⁷ Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

MDA

Rádiochémia

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
³ H					1,000			
⁹⁰ Sr			0,5	0,5	0,004	0,004	0,03	0,03
celk. beta	40	1,0			0,004			

Table 2 MDA, 2006

MDA (priemerné hodnoty) Gamaspektrometria
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Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Tekuté mlieko	VzPhV sušená	VzPhV surová
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
²² Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
⁵¹ Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
⁵⁴ Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
⁵⁷ Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
⁵⁸ Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
⁵⁹ Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
⁶⁰ Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
⁶⁵ Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
⁸⁵ Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
⁸⁸ Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
⁹⁵ Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
⁹⁵ Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
¹⁰³ Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
¹⁰⁹ Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M} Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
¹¹³ Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
¹²⁵ Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
¹²⁶ I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
¹³¹ I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
¹³² Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
¹³³ Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
¹³⁴ Cs	4,02	1,45	0,67	0,658	6,38	0,0665	0,391	0,328
¹³⁶ Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
¹⁴⁰ Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
¹⁴⁰ La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
¹⁴¹ Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
¹⁴⁴ Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
¹⁵² Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
²⁰³ Hg	8,46	1,97	0,665	0,594	7,75	0,076	1,04	0,505
²⁴¹ Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
⁷ Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

Poznámka: v tabuľke sú uvedené očakávané MDA jednotlivých rádionuklidov v prípade ich výskytu vo vzorkách

MDA Rádiochémia

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Mlieko	VzPhV
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]
³ H					1000		
⁹⁰ Sr	1		0,5	0,5	6	0,07	0,05
celk. aktivita beta	16	1			6		
celk. aktivita alfa					7		

Table 3 MDA, 2007

MDA (priemerné hodnoty) Gamaspékrometria

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Tekuté mlieko	VzPhV sušená	VzPhV surová
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
²² Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
⁵¹ Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
⁵⁴ Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
⁵⁷ Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
⁵⁸ Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
⁵⁹ Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
⁶⁰ Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
⁶⁵ Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
⁸⁵ Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
⁸⁸ Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
⁹⁵ Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
⁹⁵ Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
¹⁰³ Ru	6,45	1,94	0,725	0,705	7,29	0,077	1,23	0,560
¹⁰⁹ Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M} Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
¹¹³ Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
¹²⁵ Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
¹²⁶ I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
¹³¹ I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
¹³² Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
¹³³ Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
¹³⁴ Cs	4,02	1,45	0,67	0,658	6,38	0,0665	0,391	0,328
¹³⁶ Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
¹⁴⁰ Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
¹⁴⁰ La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
¹⁴¹ Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
¹⁴⁴ Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
¹⁵² Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
²⁰³ Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
²⁴¹ Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
⁷ Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

Poznámka: v tabuľke sú uvedené očakávané MDA jednotlivých rádionuklidov v prípade ich výskytu vo vzorkách

MDA Rádiochémia

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Mlieko	VzPhV
	[$\mu\text{Bq}/\text{m}^3$]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]
³ H					1000		
⁹⁰ Sr	1		0,5	0,5	6	0,007	0,05
celk. aktivita beta	16	1			6		
celk. aktivita alfa					7		

Table 4 MDA, 2008

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	83 ± 6	95 ± 8	68 ± 7	65 ± 7	79 ± 6	62 ± 6	66 ± 6	69 ± 8	65 ± 6	68 ± 7	76 ± 6	75 ± 8
Levice	87 ± 7	80 ± 7	51 ± 7	70 ± 7	80 ± 6	70 ± 6	68 ± 6	75 ± 8	72 ± 6	81 ± 8	92 ± 7	107 ± 10
Kalná n/ Hronom	83 ± 6	74 ± 7	53 ± 7	62 ± 6	78 ± 6	63 ± 6	66 ± 6	66 ± 8	64 ± 5	70 ± 7	82 ± 6	95 ± 9
Nový Tekov	94 ± 7	89 ± 8	57 ± 7	72 ± 7	83 ± 7	76 ± 6	81 ± 6	87 ± 9	77 ± 6	96 ± 8	92 ± 7	121 ± 11
M. Kozmálovce	111 ± 8	79 ± 7	68 ± 7	69 ± 7	86 ± 7	71 ± 6	78 ± 6	73 ± 8	84 ± 7	86 ± 8	102 ± 7	81 ± 9
Veľký Dúr	111 ± 8	94 ± 8	63 ± 7	95 ± 8	91 ± 7	79 ± 6	84 ± 7	100 ± 9	85 ± 7	119 ± 10	100 ± 7	137 ± 12
Čifáre	107 ± 8	84 ± 7	72 ± 8	77 ± 7	89 ± 7	70 ± 6	74 ± 6	82 ± 8	75 ± 6	84 ± 8	89 ± 6	110 ± 10
Vráble	89 ± 7	82 ± 7	60 ± 7	64 ± 7	80 ± 7	71 ± 6	73 ± 6	70 ± 8	78 ± 6	86 ± 8	93 ± 7	94 ± 9
Tajná	98 ± 7	93 ± 8	74 ± 8	79 ± 7	83 ± 7	71 ± 6	80 ± 6	74 ± 8	81 ± 6	90 ± 8	95 ± 7	106 ± 10
Č. Hrádok	82 ± 6	98 ± 8	62 ± 7	92 ± 8	74 ± 6	70 ± 6	71 ± 6	77 ± 8	71 ± 6	99 ± 8	84 ± 6	125 ± 11
Nemčiňany	103 ± 7	97 ± 8	71 ± 7	104 ± 9	91 ± 7	84 ± 7	81 ± 6	83 ± 8	83 ± 7	100 ± 9	100 ± 7	110 ± 10
Zlaté Moravce	93 ± 7	92 ± 8	67 ± 7	100 ± 9	81 ± 6	77 ± 6	67 ± 6	82 ± 8	76 ± 6	95 ± 8	92 ± 7	114 ± 10
Kozárovce	101 ± 7	107 ± 9	71 ± 8	113 ± 9	90 ± 7	87 ± 7	86 ± 7	90 ± 9	87 ± 7	103 ± 9	101 ± 7	130 ± 12
Rybník	68 ± 5	94 ± 8	56 ± 7	91 ± 8	90 ± 7	75 ± 6	80 ± 6	86 ± 9	84 ± 7	93 ± 8	95 ± 7	109 ± 10
EMO SDS	115 ± 8	98 ± 8	89 ± 8	110 ± 9	88 ± 7	84 ± 7	91 ± 7	84 ± 9	93 ± 7	88 ± 8	110 ± 8	111 ± 10
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

Table 5 Dose rate measured by TLD 100, 2005

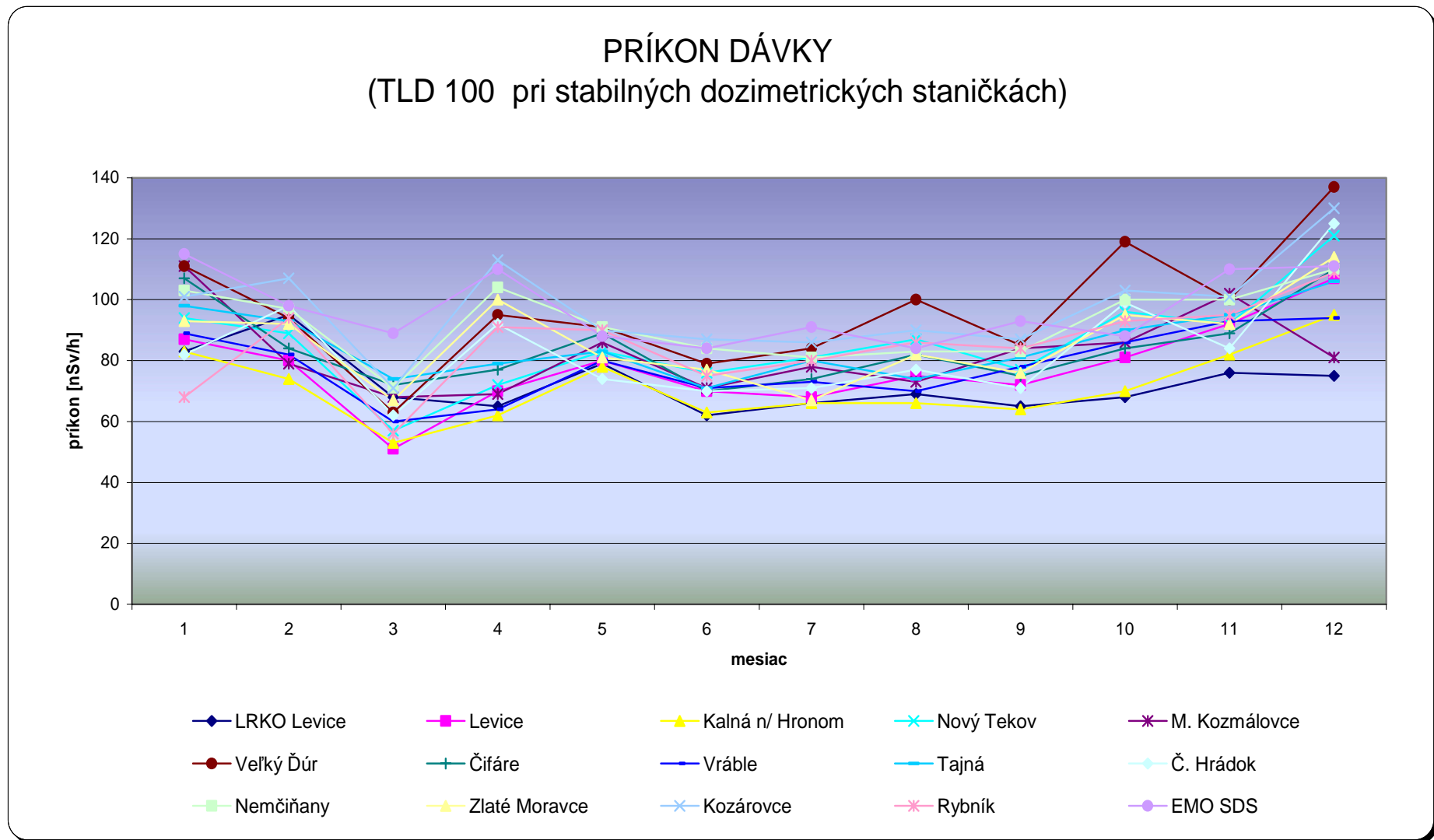


Figure 1 Dose rate measured by TLD 100 - year 2005

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	70 ± 6	62 ± 7	77 ± 6	75 ± 6	69 ± 7	70 ± 5	62 ± 5	62 ± 5	78 ± 5	77 ± 7	79 ± 6	84 ± 7
Levice	76 ± 6	62 ± 7	83 ± 6	84 ± 7	76 ± 7	79 ± 6	69 ± 5	70 ± 6	81 ± 6	87 ± 8	87 ± 7	92 ± 8
Kalná n/ Hronom	74 ± 6	51 ± 6	80 ± 6	77 ± 6	74 ± 7	73 ± 5	68 ± 5	66 ± 6	78 ± 5	85 ± 7	89 ± 7	84 ± 7
Nový Tekov	83 ± 7	80 ± 8	87 ± 6	81 ± 7	83 ± 7	82 ± 6	72 ± 5	79 ± 6	92 ± 6	100 ± 8	98 ± 7	100 ± 8
M. Kozmálovce	89 ± 7	61 ± 7	93 ± 7	81 ± 7	79 ± 7	79 ± 6	71 ± 5	75 ± 6	92 ± 6	93 ± 8	104 ± 7	91 ± 8
Veľký Ďur	89 ± 7	64 ± 7	84 ± 6	85 ± 7	88 ± 8	83 ± 6	76 ± 5	79 ± 6	95 ± 6	101 ± 8	108 ± 8	99 ± 8
Čifáre	82 ± 7	54 ± 6	100 ± 7	87 ± 7	72 ± 7	75 ± 5	67 ± 5	74 ± 6	85 ± 6	98 ± 8	97 ± 7	93 ± 8
Vráble	85 ± 7	64 ± 7	82 ± 6	82 ± 7	80 ± 7	73 ± 5	73 ± 5	73 ± 6	90 ± 6	100 ± 8	99 ± 7	96 ± 8
Tajná	89 ± 7	57 ± 6	91 ± 7	84 ± 7	79 ± 7	74 ± 5	69 ± 5	75 ± 6	89 ± 6	100 ± 8	102 ± 7	101 ± 8
Č. Hrádok	74 ± 6	68 ± 7	80 ± 6	81 ± 7	75 ± 7	69 ± 5	68 ± 5	78 ± 6	79 ± 5	91 ± 8	79 ± 6	102 ± 8
Nemčiňany	93 ± 7	78 ± 7	94 ± 7	96 ± 7	87 ± 8	87 ± 6	77 ± 5	87 ± 7	91 ± 6	111 ± 9	97 ± 7	126 ± 10
Zlaté Moravce	81 ± 7	75 ± 7	86 ± 6	90 ± 7	78 ± 7	80 ± 6	68 ± 5	85 ± 7	86 ± 6	109 ± 9	86 ± 7	113 ± 9
Kozárovce	94 ± 7	85 ± 8	96 ± 7	97 ± 8	92 ± 8	83 ± 6	86 ± 6	94 ± 7	101 ± 7	111 ± 9	99 ± 7	118 ± 9
Rybník	89 ± 7	71 ± 7	87 ± 6	85 ± 7	83 ± 7	80 ± 6	73 ± 5	82 ± 7	94 ± 6	99 ± 8	94 ± 7	103 ± 8
EMO SDS	99 ± 8	67 ± 7	95 ± 7	93 ± 7	107 ± 9	83 ± 6	82 ± 6	87 ± 7	99 ± 7	106 ± 9	109 ± 8	107 ± 9
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

Table 6 Dose rate measured by TLD 100, 2006

PRÍKON DÁVKY (TLD 100 pri stabilných dozimetrických staničkách)

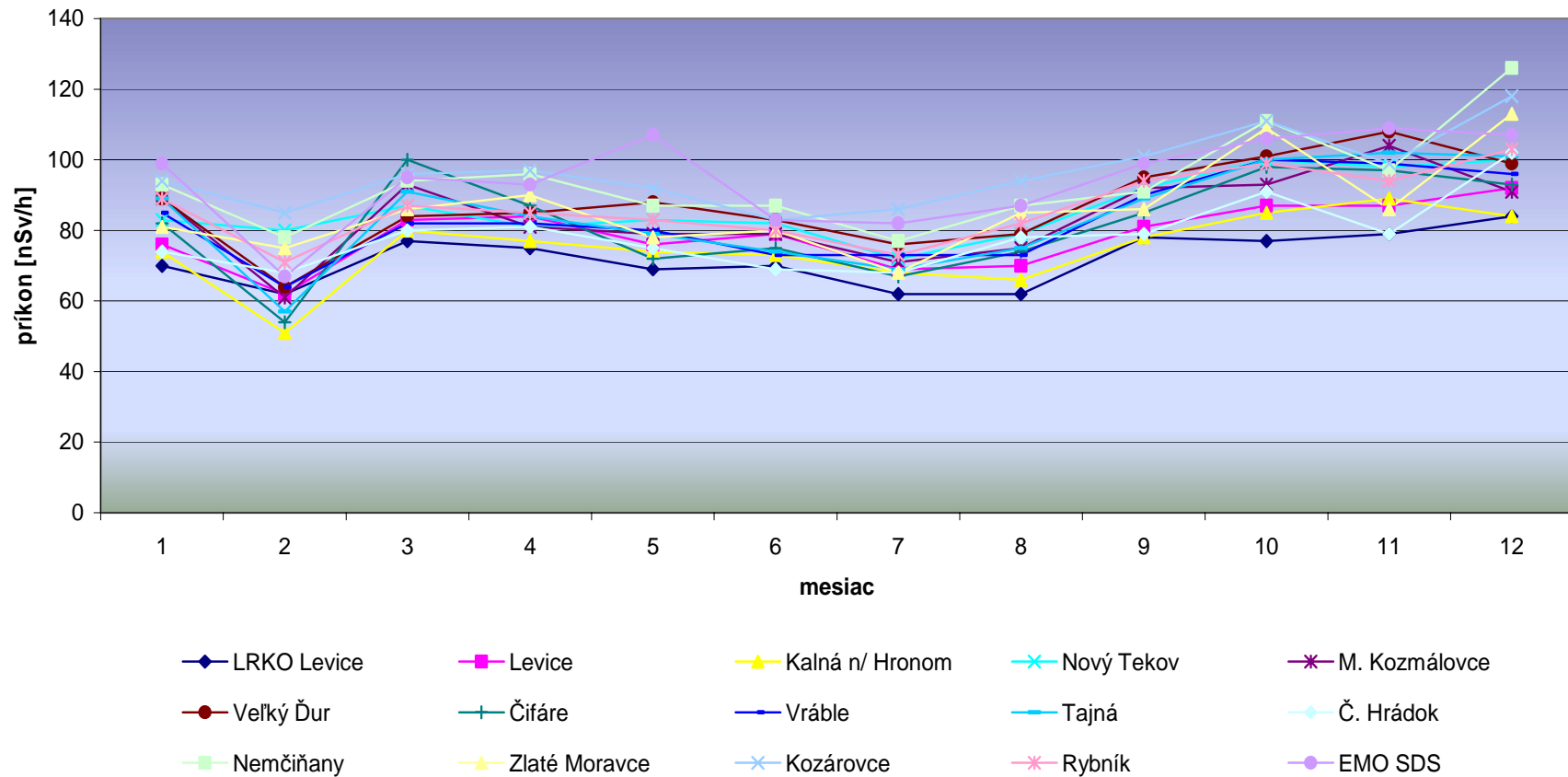


Figure 2 Dose rate measured by TLD 100 ,2006

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PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	77 ± 6	82 ± 7	60 ± 5	73 ± 6	60 ± 5	62 ± 5	61 ± 5	68 ± 6	75 ± 6	83 ± 6	82 ± 8	98 ± 7
Levice	83 ± 6	91 ± 7	72 ± 6	81 ± 6	73 ± 6	73 ± 6	71 ± 5	82 ± 7	83 ± 7	93 ± 7	91 ± 8	103 ± 7
Kalná n/ Hronom	81 ± 6	86 ± 7	73 ± 6	76 ± 6	72 ± 6	67 ± 6	82 ± 6	75 ± 6	88 ± 7	87 ± 7	91 ± 8	91 ± 6
Nový Tekov	92 ± 7	99 ± 8	76 ± 6	88 ± 7	82 ± 6	79 ± 6	89 ± 6	86 ± 7	101 ± 8	101 ± 7	99 ± 9	107 ± 7
M. Kozmálovce	103 ± 7	92 ± 7	91 ± 7	79 ± 6	86 ± 7	74 ± 6	88 ± 6	83 ± 7	103 ± 8	103 ± 7	110 ± 9	99 ± 7
Veľký Dur	103 ± 7	101 ± 8	84 ± 7	87 ± 7	86 ± 7	80 ± 6	92 ± 7	89 ± 7	106 ± 8	109 ± 8	113 ± 9	104 ± 7
Čifáre	90 ± 7	103 ± 8	90 ± 7	83 ± 7	82 ± 6	77 ± 6	83 ± 6	89 ± 7	93 ± 7	96 ± 7	104 ± 9	96 ± 7
Vráble	93 ± 7	90 ± 7	82 ± 7	83 ± 7	80 ± 6	71 ± 6	82 ± 6	88 ± 7	89 ± 7	96 ± 7	97 ± 8	102 ± 7
Tajná	96 ± 7	99 ± 8	90 ± 7	87 ± 7	83 ± 7	74 ± 6	84 ± 6	82 ± 7	91 ± 7	104 ± 7	105 ± 9	106 ± 7
Č. Hrádok	87 ± 6	101 ± 8	68 ± 6	79 ± 6	78 ± 6	75 ± 6	71 ± 5	82 ± 7	89 ± 7	99 ± 7	100 ± 9	96 ± 7
Nemčiňany	105 ± 7	110 ± 8	101 ± 8	97 ± 7	95 ± 7	85 ± 7	83 ± 6	93 ± 7	102 ± 8	111 ± 8	107 ± 9	117 ± 8
Zlaté Moravce	89 ± 7	109 ± 8	93 ± 7	93 ± 7	85 ± 7	83 ± 7	70 ± 5	90 ± 7	92 ± 7	108 ± 8	106 ± 9	108 ± 7
Kozárovce	102 ± 7	122 ± 9	82 ± 7	93 ± 7	95 ± 7	90 ± 7	87 ± 6	95 ± 7	103 ± 8	112 ± 8	116 ± 9	111 ± 7
Rybník	97 ± 7	105 ± 8	83 ± 7	87 ± 7	86 ± 7	80 ± 6	81 ± 6	96 ± 7	102 ± 8	106 ± 8	109 ± 9	106 ± 7
EMO SDS	112 ± 8	112 ± 8	85 ± 7	90 ± 7	94 ± 7	86 ± 7	85 ± 6	93 ± 7	108 ± 8	108 ± 8	129 ± 10	88 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

Table 7 Dose rate measured by TLD 100, 2007

PRÍKON DÁVKY (TLD 100 pri stabilných dozimetrických staničkách)

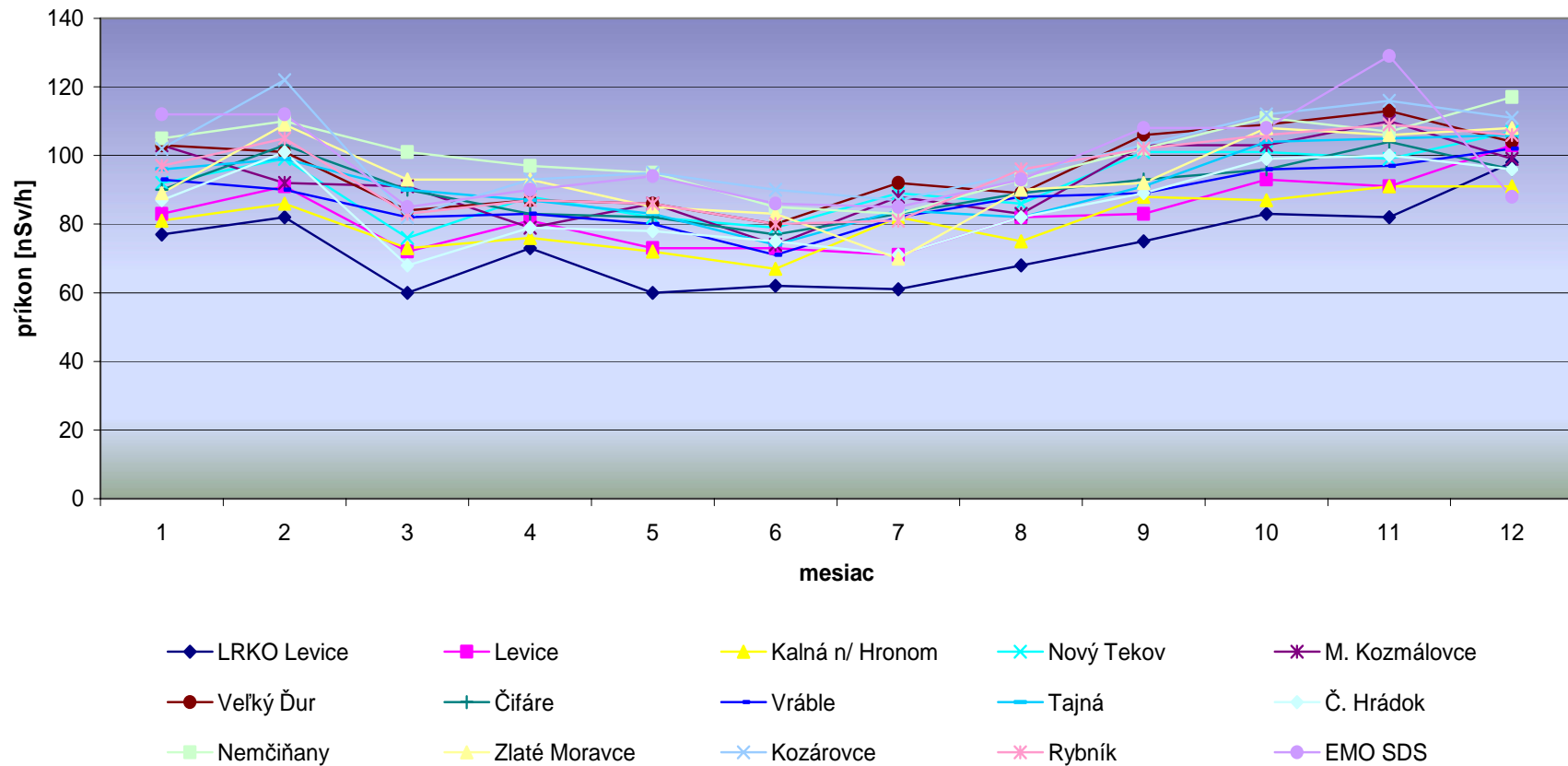


Figure 1 Dose rate measured by TLD 100, 2007

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	79 ± 13	86 ± 13	68 ± 14	79 ± 15	73 ± 12	75 ± 12	67 ± 11	75 ± 12	76 ± 13	84 ± 13	80 ± 12	96 ± 17
Levice	88 ± 14	95 ± 14	82 ± 16	89 ± 16	84 ± 13	83 ± 12	78 ± 12	82 ± 12	89 ± 14	93 ± 14	88 ± 13	103 ± 18
Kalná n/ Hronom	98 ± 15	86 ± 13	79 ± 16	85 ± 15	82 ± 13	77 ± 12	80 ± 13	79 ± 12	88 ± 14	87 ± 13	90 ± 13	95 ± 17
Nový Tekov	91 ± 14	97 ± 14	85 ± 16	101 ± 17	83 ± 13	94 ± 14	78 ± 12	100 ± 14	102 ± 16	106 ± 15	95 ± 14	101 ± 18
M. Kozmálovce	109 ± 16	91 ± 13	104 ± 18	87 ± 16	86 ± 13	88 ± 13	89 ± 13	92 ± 13	111 ± 16	99 ± 15	109 ± 15	100 ± 18
Veľký Dur	110 ± 16	104 ± 15	91 ± 17	100 ± 17	94 ± 14	98 ± 14	93 ± 14	100 ± 14	104 ± 16	104 ± 15	113 ± 16	108 ± 18
Čifáre	108 ± 16	96 ± 14	80 ± 16	99 ± 17	81 ± 12	94 ± 14	77 ± 12	98 ± 14	88 ± 14	93 ± 14	101 ± 14	106 ± 18
Vráble	98 ± 15	93 ± 14	84 ± 16	91 ± 16	81 ± 12	93 ± 14	79 ± 12	98 ± 14	95 ± 15	101 ± 15	96 ± 14	101 ± 18
Tajná	103 ± 16	101 ± 14	94 ± 17	107 ± 18	81 ± 12	82 ± 12	84 ± 13	94 ± 14	104 ± 16	108 ± 16	104 ± 15	109 ± 18
Č. Hrádok	95 ± 15	88 ± 13	82 ± 16	105 ± 18	77 ± 12	88 ± 13	78 ± 12	94 ± 14	92 ± 14	100 ± 15	95 ± 14	110 ± 19
Nemčiňany	117 ± 17	107 ± 15	103 ± 18	111 ± 18	91 ± 13	97 ± 14	94 ± 14	110 ± 15	115 ± 17	114 ± 16	107 ± 15	127 ± 20
Zlaté Moravce	105 ± 16	100 ± 14	92 ± 17	103 ± 17	82 ± 13	93 ± 14	82 ± 13	109 ± 15	100 ± 15	109 ± 16	103 ± 14	121 ± 20
Kozárovce	114 ± 17	105 ± 15	103 ± 18	132 ± 21	96 ± 14	98 ± 14	95 ± 14	118 ± 16	116 ± 17	119 ± 17	109 ± 15	132 ± 21
Rybník	105 ± 16	97 ± 14	95 ± 18	106 ± 18	88 ± 13	94 ± 14	89 ± 14	105 ± 15	110 ± 16	108 ± 16	107 ± 15	119 ± 20
EMO SDS	122 ± 18	109 ± 15	93 ± 17	111 ± 18	103 ± 15	93 ± 14	92 ± 14	103 ± 15	114 ± 17	112 ± 16	107 ± 15	120 ± 20
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

Table 8 Dose rate measured by TLD 100, 2008

PRÍKON DÁVKY (TLD 100 pri stabilných dozimetrických staničkách)

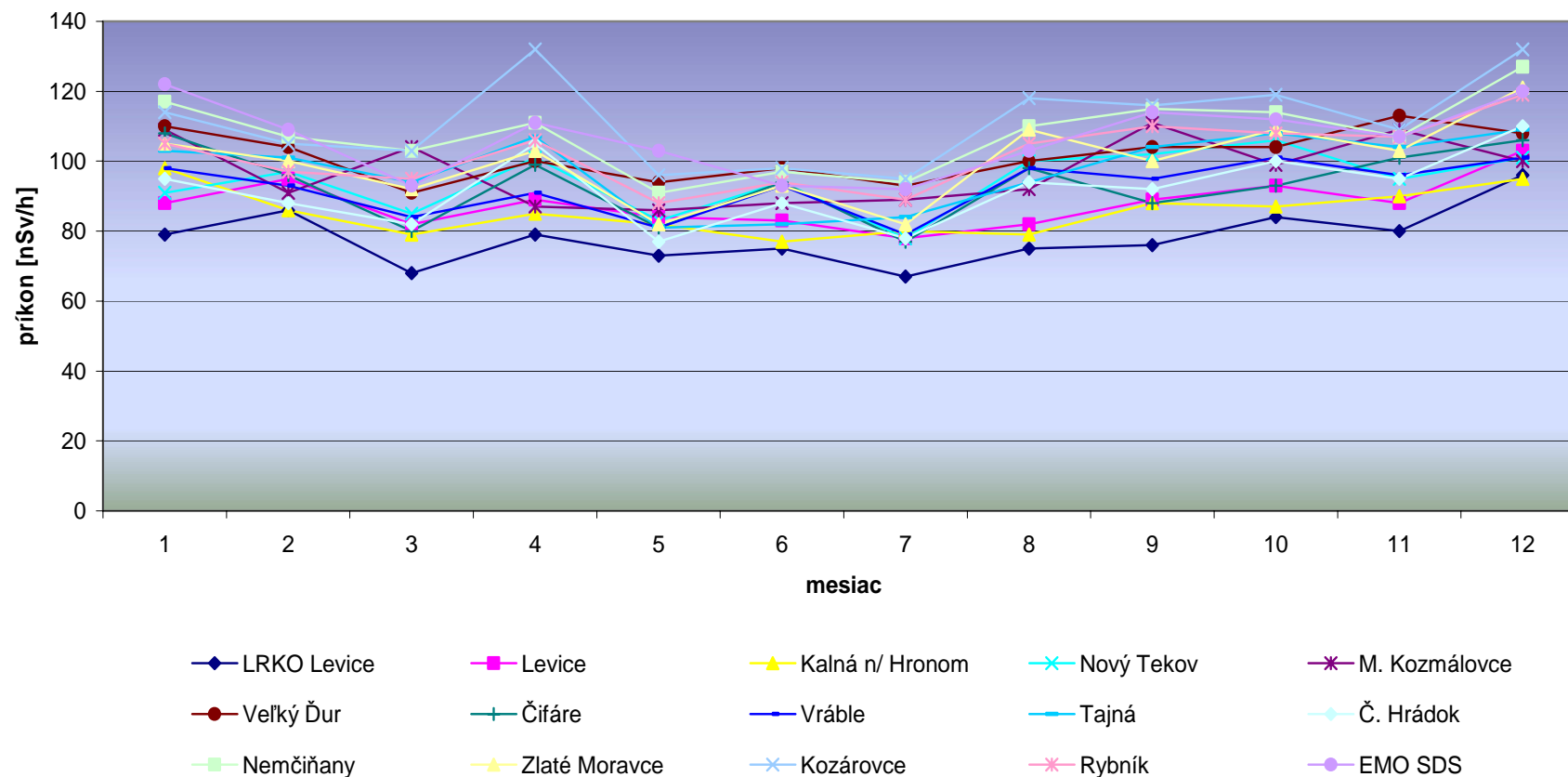


Figure 2 Dose rate measured by TLD 100, 2008

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	77 ± 4	77 ± 4	72 ± 4	67 ± 4	69 ± 4	60 ± 4	64 ± 4	65 ± 4	67 ± 4	71 ± 4	76 ± 4	66 ± 4
Levice	89 ± 5	76 ± 4	71 ± 4	75 ± 5	75 ± 4	67 ± 4	70 ± 4	74 ± 4	76 ± 4	80 ± 5	90 ± 5	78 ± 5
Kalná n/ Hronom	88 ± 5	72 ± 4	71 ± 4	70 ± 5	74 ± 4	61 ± 4	73 ± 4	68 ± 4	77 ± 4	75 ± 5	89 ± 5	73 ± 5
Nový Tekov	93 ± 5	83 ± 5	74 ± 4	82 ± 5	80 ± 4	76 ± 4	79 ± 4	84 ± 5	84 ± 5	91 ± 5	95 ± 5	83 ± 5
M. Kozmálovce	97 ± 5	89 ± 5	77 ± 4	89 ± 5	80 ± 4	79 ± 4	77 ± 4	86 ± 5	87 ± 5	100 ± 6	101 ± 5	93 ± 5
Veľký Ďur	102 ± 5	77 ± 4	75 ± 4	85 ± 5	89 ± 5	77 ± 4	88 ± 5	83 ± 5	92 ± 5	94 ± 5	107 ± 6	87 ± 5
Čifáre	85 ± 5	71 ± 4	65 ± 4	77 ± 5	75 ± 4	66 ± 4	72 ± 4	74 ± 4	78 ± 4	82 ± 5	90 ± 5	77 ± 5
Vráble	96 ± 5	84 ± 5	76 ± 4	82 ± 5	82 ± 5	71 ± 4	78 ± 4	79 ± 4	87 ± 5	90 ± 5	101 ± 5	85 ± 5
Tajná	96 ± 5	84 ± 5	74 ± 4	82 ± 5	79 ± 4	72 ± 4	78 ± 4	79 ± 4	84 ± 5	89 ± 5	98 ± 5	83 ± 5
Č. Hrádok	89 ± 5	79 ± 5	72 ± 4	77 ± 5	78 ± 4	70 ± 4	75 ± 4	77 ± 4	79 ± 4	82 ± 5	90 ± 5	80 ± 5
Nemčiňany	100 ± 5	89 ± 5	75 ± 4	94 ± 6	85 ± 5	83 ± 5	82 ± 5	89 ± 5	90 ± 5	97 ± 5	103 ± 5	93 ± 5
Zlaté Moravce	90 ± 5	81 ± 5	72 ± 4	85 ± 5	77 ± 4	76 ± 4	73 ± 4	83 ± 5	83 ± 5	91 ± 5	95 ± 5	87 ± 5
Kozárovce	104 ± 5	88 ± 5	82 ± 4	90 ± 5	90 ± 5	81 ± 5	88 ± 5	86 ± 5	93 ± 5	95 ± 5	108 ± 6	92 ± 5
Rybník	73 ± 4	90 ± 5	84 ± 5	85 ± 5	93 ± 5	81 ± 5	85 ± 5	86 ± 5	88 ± 5	93 ± 5	102 ± 5	87 ± 5
EMO SDS	104 ± 5	86 ± 5	81 ± 4	88 ± 5	90 ± 5	78 ± 4	87 ± 5	86 ± 5	92 ± 5	94 ± 5	108 ± 6	91 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

Table 9 Dose rate measured by TLD 200, 2005

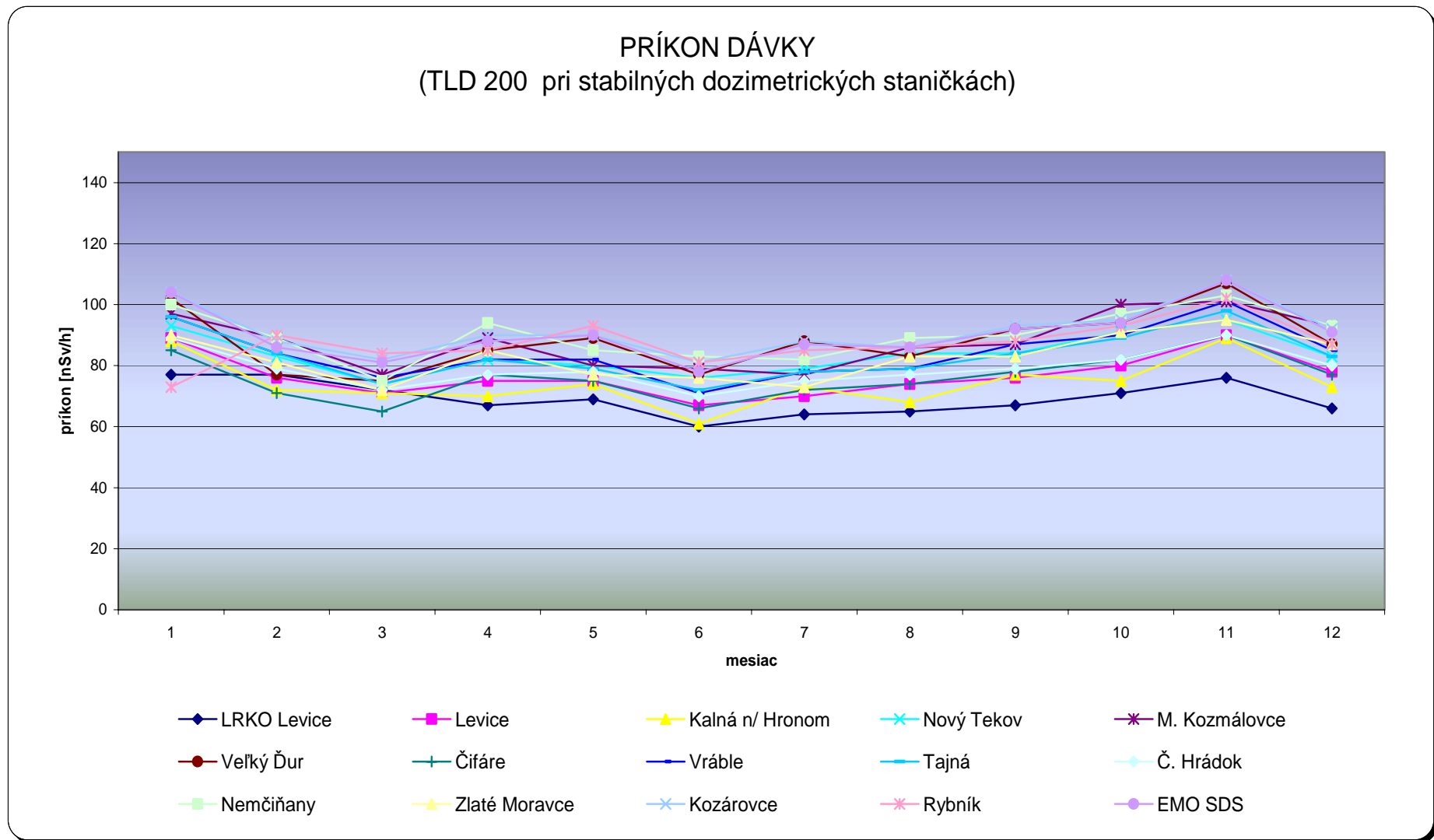


Figure 3 Dose rate measured by TLD 200, 2005

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	71 ± 4	61 ± 4	75 ± 4	67 ± 4	73 ± 4	61 ± 4	60 ± 4	68 ± 4	76 ± 4	77 ± 4	77 ± 4	83 ± 5
Levice	80 ± 4	63 ± 4	84 ± 5	75 ± 4	80 ± 5	66 ± 4	67 ± 4	75 ± 5	83 ± 5	89 ± 5	88 ± 5	94 ± 5
Kalná n/ Hronom	78 ± 4	57 ± 4	80 ± 4	70 ± 4	83 ± 5	62 ± 4	70 ± 4	71 ± 4	85 ± 5	85 ± 5	90 ± 5	89 ± 5
Nový Tekov	84 ± 4	68 ± 4	86 ± 5	80 ± 4	88 ± 5	71 ± 4	69 ± 4	82 ± 5	91 ± 5	97 ± 5	95 ± 5	102 ± 5
M. Kozmálovce	85 ± 4	75 ± 4	89 ± 5	87 ± 5	87 ± 5	78 ± 4	70 ± 4	89 ± 5	94 ± 5	108 ± 6	99 ± 5	112 ± 6
Veľký Ďur	87 ± 5	68 ± 4	91 ± 5	89 ± 5	99 ± 5	79 ± 4	81 ± 4	91 ± 5	99 ± 5	110 ± 6	103 ± 5	111 ± 6
Čífare	75 ± 4	59 ± 4	86 ± 5	77 ± 4	84 ± 5	69 ± 4	67 ± 4	78 ± 5	85 ± 5	94 ± 5	90 ± 5	96 ± 5
Vráble	85 ± 4	69 ± 4	90 ± 5	82 ± 4	93 ± 5	70 ± 4	76 ± 4	83 ± 5	96 ± 5	101 ± 5	100 ± 5	104 ± 5
Tajná	84 ± 4	68 ± 4	89 ± 5	80 ± 4	90 ± 5	70 ± 4	72 ± 4	84 ± 5	93 ± 5	99 ± 5	95 ± 5	103 ± 5
Č. Hrádok	79 ± 4	64 ± 4	85 ± 5	76 ± 4	87 ± 5	69 ± 4	70 ± 4	80 ± 5	86 ± 5	91 ± 5	89 ± 5	93 ± 5
Nemčiňany	90 ± 5	76 ± 4	96 ± 5	90 ± 5	95 ± 5	80 ± 4	78 ± 4	91 ± 5	97 ± 5	109 ± 6	101 ± 5	113 ± 6
Zlaté Moravce	80 ± 4	72 ± 4	87 ± 5	85 ± 5	87 ± 5	73 ± 4	70 ± 4	86 ± 5	87 ± 5	102 ± 5	92 ± 5	105 ± 6
Kozárovce	93 ± 5	74 ± 4	100 ± 5	86 ± 5	98 ± 5	77 ± 4	83 ± 5	92 ± 5	102 ± 5	102 ± 5	104 ± 5	108 ± 6
Rybník	90 ± 5	73 ± 4	95 ± 5	85 ± 5	96 ± 5	77 ± 4	77 ± 4	89 ± 5	97 ± 5	102 ± 5	102 ± 5	106 ± 6
EMO SDS	89 ± 5	67 ± 4	95 ± 5	86 ± 5	99 ± 5	78 ± 4	76 ± 4	89 ± 5	98 ± 5	104 ± 5	107 ± 6	108 ± 6
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

Table 10 Dose rate measured by TLD 200, 2006

PRÍKON DÁVKY (TLD 200 pri stabilných dozimetrických staničkách)

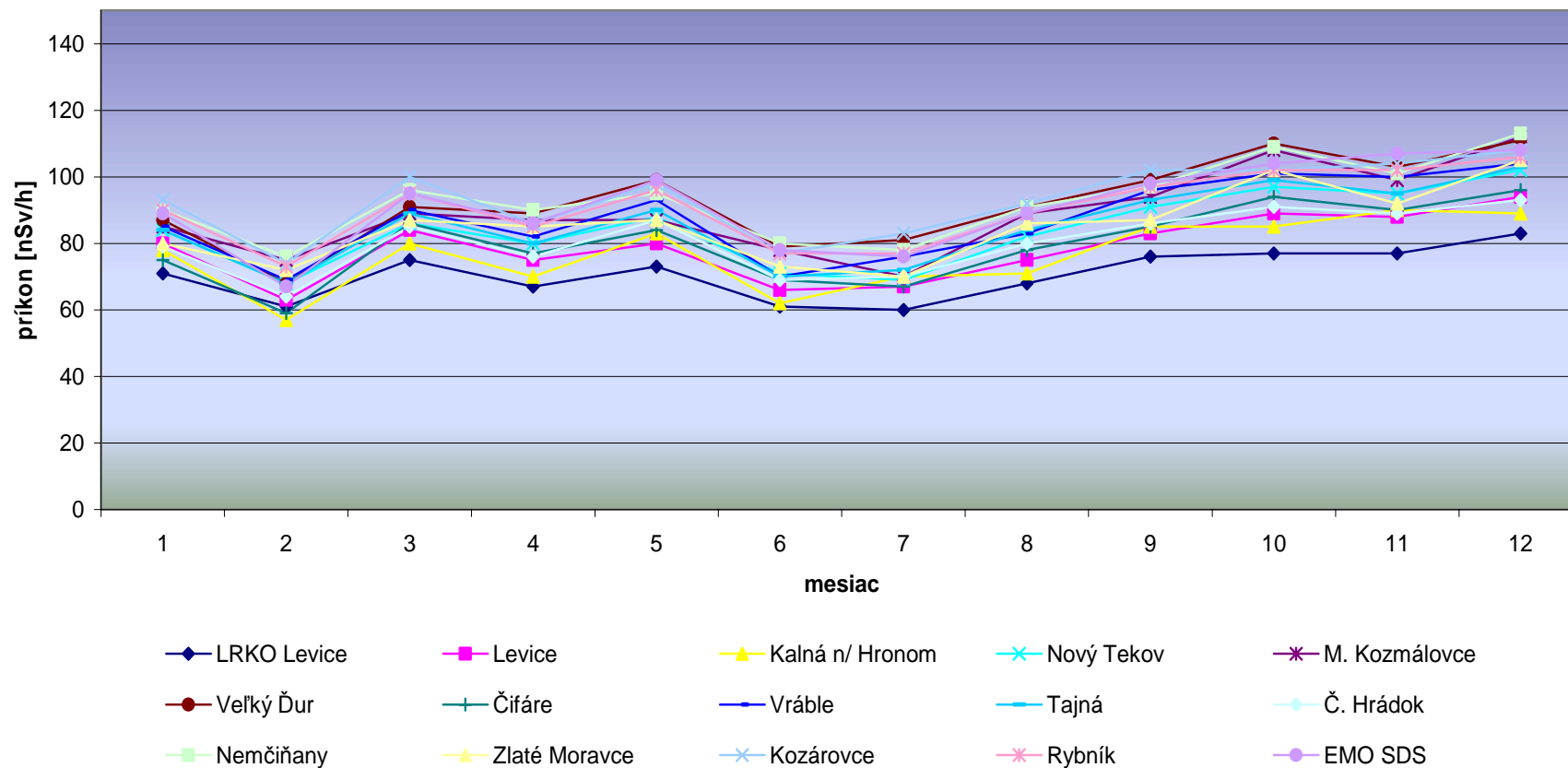


Figure 4 Dose rate measured by TLD 200 ,2006

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	78 ± 4	76 ± 4	70 ± 4	66 ± 4	65 ± 4	60 ± 4	60 ± 4	65 ± 4	72 ± 4	75 ± 4	82 ± 5	84 ± 5
Levice	91 ± 5	84 ± 5	80 ± 4	77 ± 4	75 ± 4	69 ± 4	69 ± 4	76 ± 4	85 ± 5	91 ± 5	95 ± 5	97 ± 5
Kalná n/ Hronom	90 ± 5	80 ± 4	83 ± 4	73 ± 4	75 ± 4	67 ± 4	72 ± 4	72 ± 4	86 ± 5	86 ± 5	98 ± 5	92 ± 5
Nový Tekov	96 ± 5	91 ± 5	85 ± 5	84 ± 5	81 ± 4	76 ± 4	77 ± 4	85 ± 5	93 ± 5	100 ± 5	99 ± 5	104 ± 5
M. Kozmálovce	99 ± 5	100 ± 5	90 ± 5	90 ± 5	81 ± 4	81 ± 5	78 ± 4	91 ± 5	95 ± 5	109 ± 6	106 ± 6	113 ± 6
Veľký Ďur	106 ± 5	102 ± 5	95 ± 5	92 ± 5	90 ± 5	84 ± 5	86 ± 5	93 ± 5	100 ± 5	111 ± 6	112 ± 6	113 ± 6
Čifáre	91 ± 5	88 ± 5	85 ± 5	79 ± 4	78 ± 4	71 ± 4	73 ± 4	80 ± 4	84 ± 5	93 ± 5	97 ± 5	97 ± 5
Vráble	102 ± 5	92 ± 5	86 ± 5	85 ± 5	82 ± 4	74 ± 4	79 ± 4	85 ± 5	96 ± 5	99 ± 5	105 ± 6	102 ± 5
Tajná	99 ± 5	93 ± 5	91 ± 5	83 ± 5	83 ± 4	75 ± 4	76 ± 4	84 ± 5	96 ± 5	100 ± 5	104 ± 5	102 ± 5
Č. Hrádok	92 ± 5	86 ± 5	80 ± 4	80 ± 4	80 ± 4	73 ± 4	76 ± 4	81 ± 5	88 ± 5	91 ± 5	97 ± 5	95 ± 5
Nemčiňany	105 ± 5	101 ± 5	92 ± 5	97 ± 5	88 ± 5	85 ± 5	84 ± 5	94 ± 5	100 ± 5	109 ± 6	108 ± 6	113 ± 6
Zlaté Moravce	94 ± 5	94 ± 5	90 ± 5	89 ± 5	79 ± 4	78 ± 5	72 ± 4	86 ± 5	89 ± 5	100 ± 5	99 ± 5	105 ± 5
Kozárovce	108 ± 5	99 ± 5	97 ± 5	90 ± 5	91 ± 5	83 ± 5	86 ± 5	91 ± 5	104 ± 5	103 ± 6	114 ± 6	110 ± 6
Rybník	102 ± 5	96 ± 5	92 ± 5	90 ± 5	90 ± 5	83 ± 5	84 ± 5	92 ± 5	101 ± 5	105 ± 6	109 ± 6	105 ± 5
EMO SDS	107 ± 5	99 ± 5	94 ± 5	89 ± 5	90 ± 5	82 ± 5	83 ± 4	90 ± 5	101 ± 5	102 ± 6	113 ± 6	108 ± 6
Doba expozície [dni]	35	29	34	27	28	30	30	33	36	29	26	29

Table 11 Dose rate measured by TLD 200, 2007

PRÍKON DÁVKY (TLD 200 pri stabilných dozimetrických staničkách)

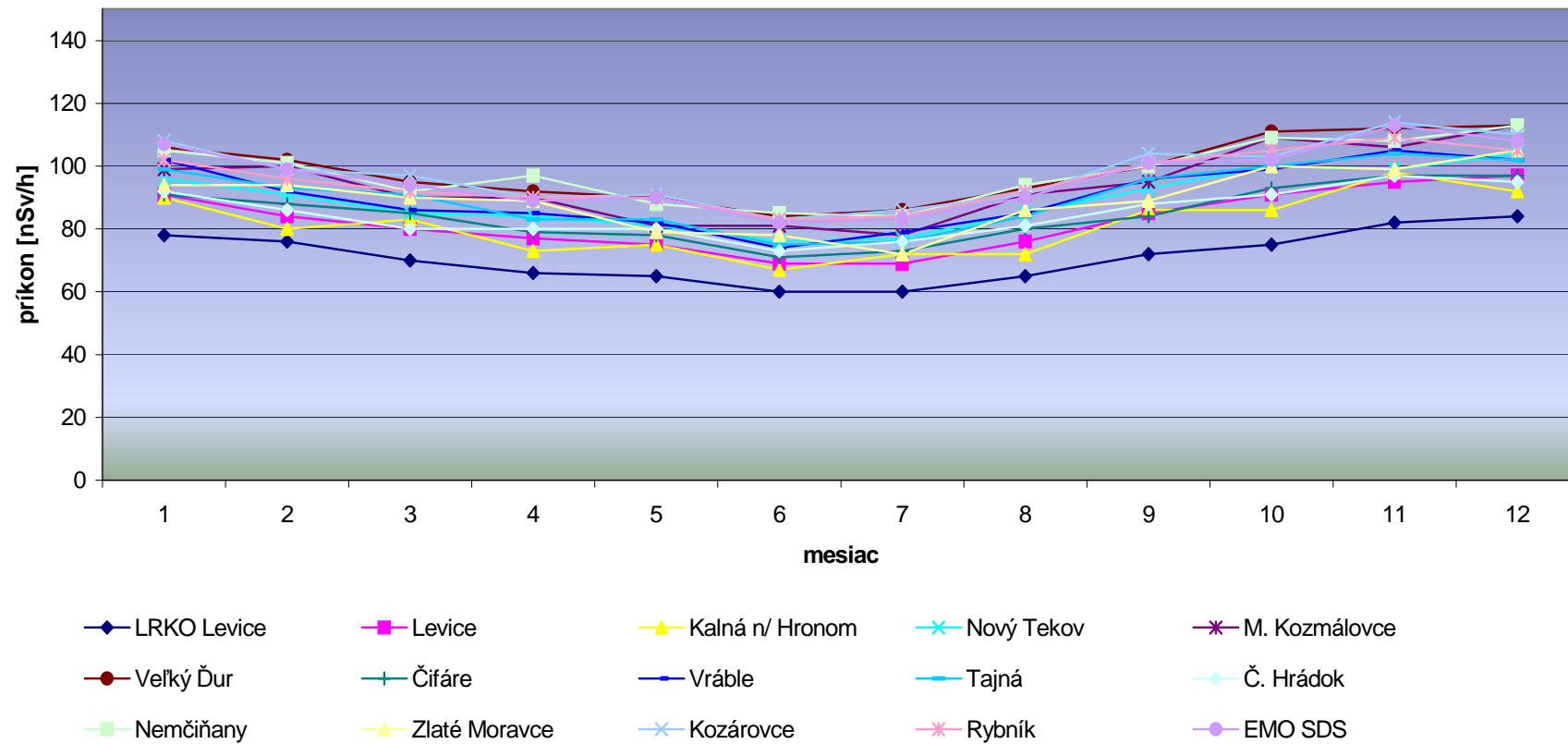


Figure 3 Dose rate measured by TLD 200, 2007

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PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	83 ± 9	77 ± 9	78 ± 9	73 ± 8	66 ± 8	63 ± 8	63 ± 7	64 ± 7	74 ± 8	76 ± 8	70 ± 8	80 ± 10
Levice	95 ± 10	89 ± 10	93 ± 10	85 ± 9	74 ± 8	71 ± 8	73 ± 8	72 ± 8	88 ± 9	86 ± 9	83 ± 9	95 ± 11
Kalná n/ Hronom	97 ± 10	85 ± 9	93 ± 10	80 ± 9	74 ± 8	67 ± 8	77 ± 8	67 ± 8	90 ± 10	83 ± 9	86 ± 9	85 ± 10
Nový Tekov	101 ± 10	96 ± 10	97 ± 10	91 ± 10	82 ± 9	80 ± 9	73 ± 8	85 ± 9	98 ± 10	97 ± 10	90 ± 9	100 ± 12
M. Kozmálovce	105 ± 11	104 ± 11	100 ± 10	99 ± 10	83 ± 9	81 ± 9	80 ± 9	88 ± 9	102 ± 11	107 ± 11	96 ± 10	112 ± 13
Veľký Ďur	112 ± 11	107 ± 11	107 ± 11	104 ± 11	92 ± 10	88 ± 9	88 ± 9	90 ± 9	109 ± 11	108 ± 11	101 ± 10	112 ± 13
Čifáre	96 ± 10	91 ± 10	91 ± 10	87 ± 9	76 ± 8	73 ± 8	72 ± 8	75 ± 8	91 ± 10	90 ± 9	87 ± 9	95 ± 11
Vráble	105 ± 11	96 ± 10	102 ± 11	91 ± 10	83 ± 9	78 ± 9	80 ± 9	81 ± 9	104 ± 11	98 ± 10	96 ± 10	104 ± 12
Tajná	103 ± 10	96 ± 10	98 ± 10	93 ± 10	81 ± 9	78 ± 9	80 ± 9	80 ± 9	101 ± 10	98 ± 10	93 ± 10	102 ± 12
Č. Hrádok	97 ± 10	89 ± 9	92 ± 10	86 ± 9	81 ± 9	76 ± 9	77 ± 8	78 ± 8	94 ± 10	90 ± 9	86 ± 9	93 ± 11
Nemčiňany	110 ± 11	106 ± 11	107 ± 11	101 ± 11	92 ± 10	89 ± 9	85 ± 9	91 ± 9	104 ± 11	106 ± 11	96 ± 10	113 ± 13
Zlaté Moravce	98 ± 10	98 ± 10	95 ± 10	94 ± 10	82 ± 9	81 ± 9	76 ± 8	85 ± 9	95 ± 10	99 ± 10	88 ± 9	104 ± 12
Kozárovce	112 ± 11	101 ± 10	108 ± 11	97 ± 10	93 ± 10	88 ± 9	90 ± 9	90 ± 9	109 ± 11	103 ± 10	101 ± 10	110 ± 12
Rybník	108 ± 11	98 ± 10	105 ± 11	97 ± 10	89 ± 9	84 ± 9	87 ± 9	88 ± 9	107 ± 11	101 ± 10	100 ± 10	105 ± 12
EMO SDS	114 ± 11	101 ± 10	91 ± 10	94 ± 10	103 ± 11	85 ± 9	86 ± 9	86 ± 9	107 ± 11	100 ± 10	99 ± 10	109 ± 12
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

Table 12 Dose rate measured by TLD 200, 2008

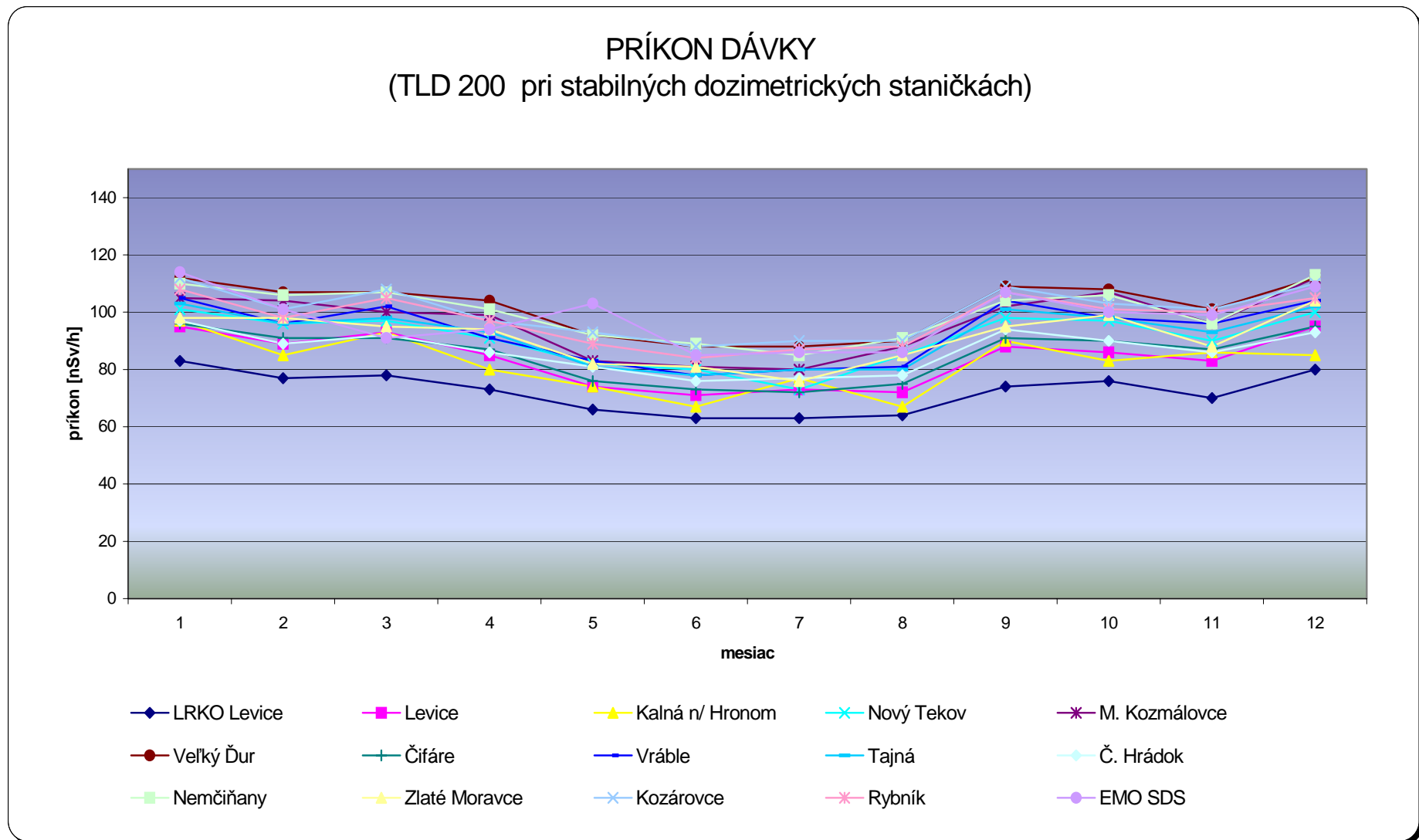


Figure 4 Dose rate measured by TLD 200, 2008

PRÍKON DÁVKY
(TLD 100 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	107 ± 8	115 ± 9	98 ± 9	136 ± 11	101 ± 8	89 ± 7	95 ± 7	101 ± 9	96 ± 7	102 ± 9	109 ± 8	138 ± 12
EMO metrológia	114 ± 8	106 ± 8	82 ± 8	104 ± 9	104 ± 8	97 ± 7	95 ± 7	102 ± 9	102 ± 8	111 ± 9	114 ± 8	142 ± 12
EMO dekarbo	86 ± 7	93 ± 8	60 ± 7	89 ± 8	80 ± 6	71 ± 6	72 ± 6	90 ± 9	77 ± 6	87 ± 8	90 ± 6	121 ± 11
EMO údržba	91 ± 7	86 ± 7	72 ± 8	86 ± 8	85 ± 7	71 ± 6	79 ± 6	82 ± 8	79 ± 6	78 ± 7	96 ± 7	102 ± 10
EMO ZS	97 ± 7	109 ± 9	91 ± 9	126 ± 10	92 ± 7	81 ± 7	96 ± 7	93 ± 9	87 ± 7	96 ± 8	106 ± 7	137 ± 12
EMO vrátnica	94 ± 7	96 ± 8	76 ± 8	113 ± 9	86 ± 7	76 ± 6	85 ± 7	93 ± 9	85 ± 7	95 ± 8	96 ± 7	112 ± 10
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

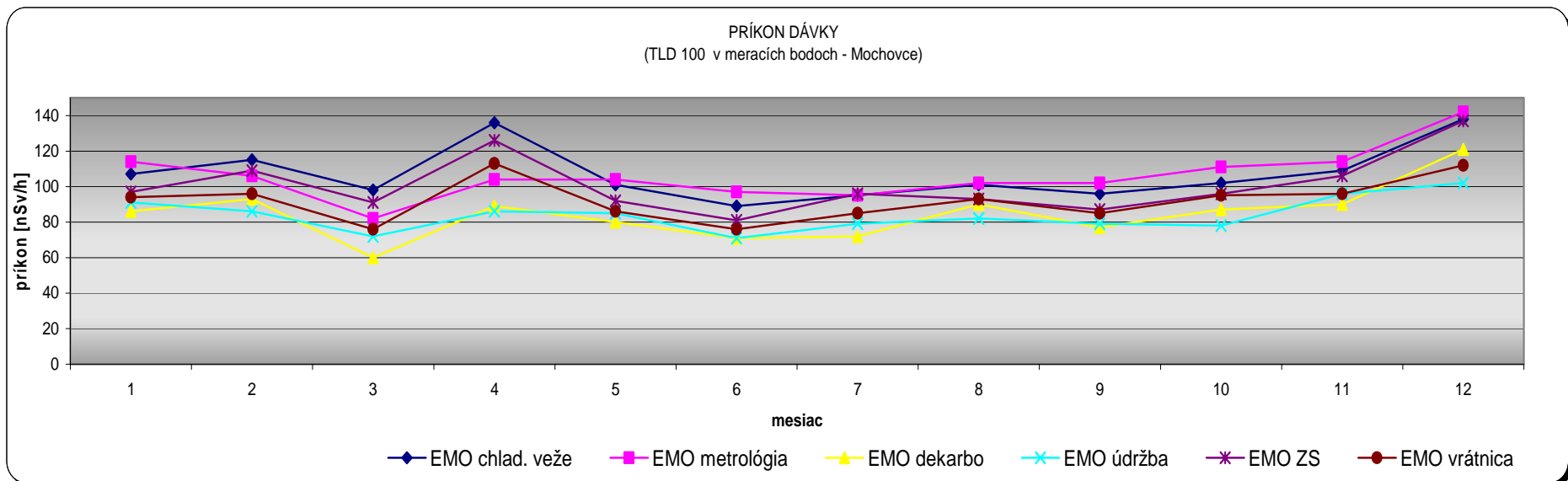


Table 13 Dose rate measured by TLD 100 at the Mochovce measuring points, 2005

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	106 ± 8	111 ± 9	107 ± 8	107 ± 8	116 ± 9	94 ± 6	86 ± 6	96 ± 7	107 ± 7	110 ± 9	106 ± 8	121 ± 9
EMO metrológia	106 ± 8	97 ± 9	113 ± 8	110 ± 8	125 ± 10	97 ± 7	86 ± 6	101 ± 8	109 ± 7	118 ± 9	109 ± 8	128 ± 10
EMO dekarbo	87 ± 7	80 ± 8	83 ± 6	83 ± 7	92 ± 8	75 ± 5	65 ± 5	83 ± 7	83 ± 6	96 ± 8	85 ± 6	111 ± 9
EMO údržba	89 ± 7	70 ± 7	94 ± 7	84 ± 7	109 ± 9	75 ± 5	68 ± 5	81 ± 7	85 ± 6	94 ± 8	92 ± 7	98 ± 8
EMO ZS	97 ± 8	92 ± 8	95 ± 7	96 ± 7	106 ± 9	85 ± 6	76 ± 5	93 ± 7	93 ± 6	110 ± 9	98 ± 7	119 ± 9
EMO vrátnica	93 ± 7	111 ± 9	94 ± 7	83 ± 7	103 ± 8	77 ± 6	77 ± 6	89 ± 7	91 ± 6	105 ± 8	94 ± 7	103 ± 8
EMO FS KRAO 1									92 ± 6	101 ± 8	89 ± 7	123 ± 9
EMO FS KRAO 2									97 ± 6	100 ± 8	91 ± 7	111 ± 9
EMO FS KRAO 3									97 ± 7	107 ± 9	97 ± 7	118 ± 9
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

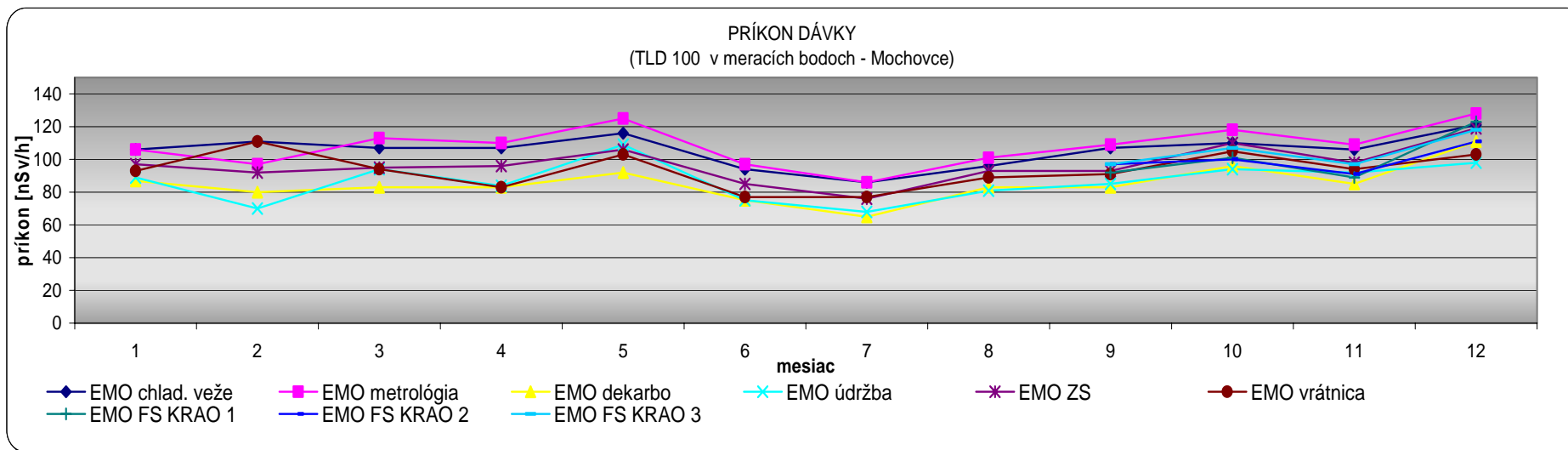


Table 14 Dose rate measured by TLD 100 at the Mochovce measuring points, 2006

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PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	110 ± 8	109 ± 8	92 ± 7	115 ± 8	95 ± 7	92 ± 7	92 ± 6	110 ± 8	119 ± 9	121 ± 8	118 ± 10	120 ± 8
EMO metrológia	113 ± 8	120 ± 9	111 ± 8	111 ± 8	97 ± 7	98 ± 7	88 ± 6	107 ± 8	85 ± 7	123 ± 9	136 ± 11	133 ± 9
EMO dekarbo	91 ± 7	100 ± 8	75 ± 6	91 ± 7	74 ± 6	75 ± 6	69 ± 5	87 ± 7	93 ± 7	98 ± 7	101 ± 9	111 ± 7
EMO údržba	100 ± 7	94 ± 7	93 ± 7	85 ± 7	91 ± 7	74 ± 6	73 ± 5	85 ± 7	98 ± 7	106 ± 8	110 ± 9	106 ± 7
EMO ZS	100 ± 7	110 ± 8	83 ± 7	95 ± 7	88 ± 7	85 ± 7	87 ± 6	95 ± 7	117 ± 8	120 ± 8	114 ± 9	110 ± 7
EMO vrátnica	99 ± 7	102 ± 8	83 ± 7	85 ± 7	88 ± 7	88 ± 7	79 ± 6	94 ± 7	96 ± 7	103 ± 7	108 ± 9	110 ± 7
EMO FS KRAO 1	100 ± 7	120 ± 9	84 ± 7	98 ± 7	83 ± 7	89 ± 7	78 ± 6	91 ± 7	97 ± 7	114 ± 8	111 ± 9	113 ± 8
EMO FS KRAO 2	95 ± 7	112 ± 8	84 ± 7	90 ± 7	78 ± 6	89 ± 7	73 ± 5	94 ± 7	96 ± 7	107 ± 8	105 ± 9	108 ± 7
EMO FS KRAO 3	104 ± 7	118 ± 9	89 ± 7	101 ± 8	90 ± 7	90 ± 7	79 ± 6	101 ± 8	104 ± 8	118 ± 8	113 ± 9	133 ± 9
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

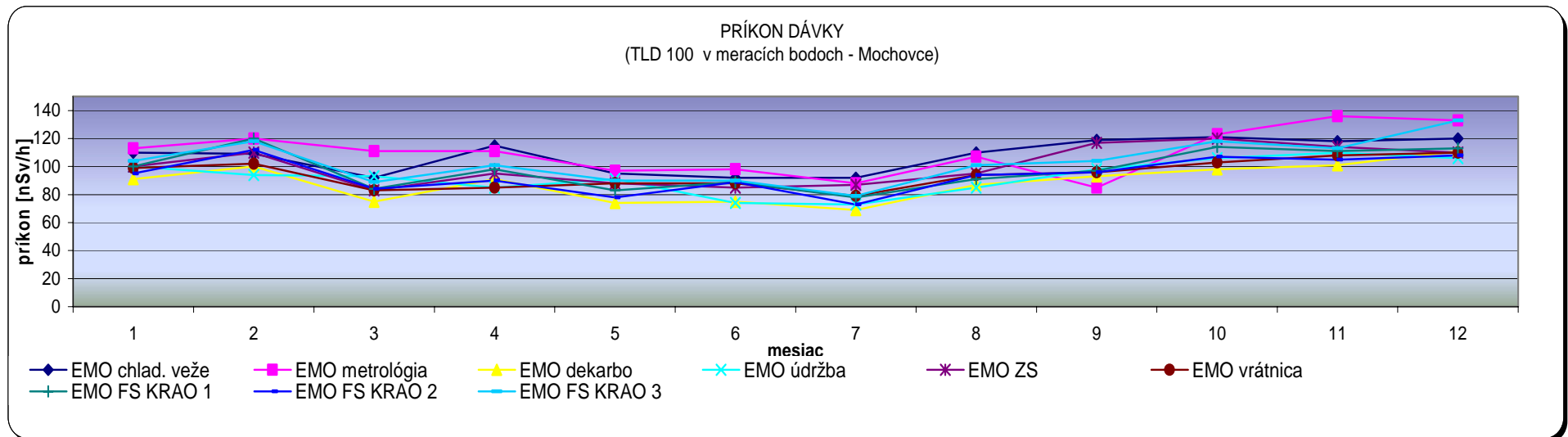


Table 15 Dose rate measured by TLD 100 at the Mochovce measuring points, 2007

PRÍKON DÁVKY
(TLD 100 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	113 ± 17	123 ± 17	103 ± 18	109 ± 18	103 ± 15	105 ± 15	102 ± 15	114 ± 16	115 ± 17	119 ± 17	104 ± 15	128 ± 21
EMO metrológia	135 ± 19	128 ± 17	146 ± 23	120 ± 19	114 ± 16	111 ± 16	115 ± 16	119 ± 16	126 ± 18	126 ± 18	118 ± 16	130 ± 21
EMO dekarbo	100 ± 15	99 ± 14	94 ± 17	100 ± 17	84 ± 13	82 ± 12	79 ± 12	93 ± 13	99 ± 15	109 ± 16	89 ± 13	105 ± 18
EMO údržba	106 ± 16	96 ± 14	116 ± 20	94 ± 16	84 ± 13	85 ± 13	89 ± 14	92 ± 13	104 ± 16	97 ± 14	87 ± 13	108 ± 18
EMO ZS	116 ± 17	110 ± 16	121 ± 20	117 ± 19	86 ± 13	93 ± 14	91 ± 14	107 ± 15	107 ± 16	115 ± 16	92 ± 13	109 ± 19
EMO vrátnica	106 ± 16	112 ± 16	107 ± 19	101 ± 17	90 ± 13	93 ± 14	89 ± 14	98 ± 14	107 ± 16	107 ± 15	95 ± 14	105 ± 18
EMO FS KRAO 1	107 ± 16	114 ± 16	108 ± 19	95 ± 17	89 ± 13	94 ± 14	85 ± 13	100 ± 14	104 ± 16	105 ± 15	97 ± 14	118 ± 20
EMO FS KRAO 2	105 ± 16	104 ± 15	103 ± 18	90 ± 16	87 ± 13	90 ± 13	86 ± 13	96 ± 14	99 ± 15	102 ± 15	102 ± 14	125 ± 20
EMO FS KRAO 3	113 ± 17	125 ± 17	110 ± 19	105 ± 18	99 ± 14	99 ± 14	85 ± 13	101 ± 14	115 ± 17	125 ± 18	140 ± 19	140 ± 22
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

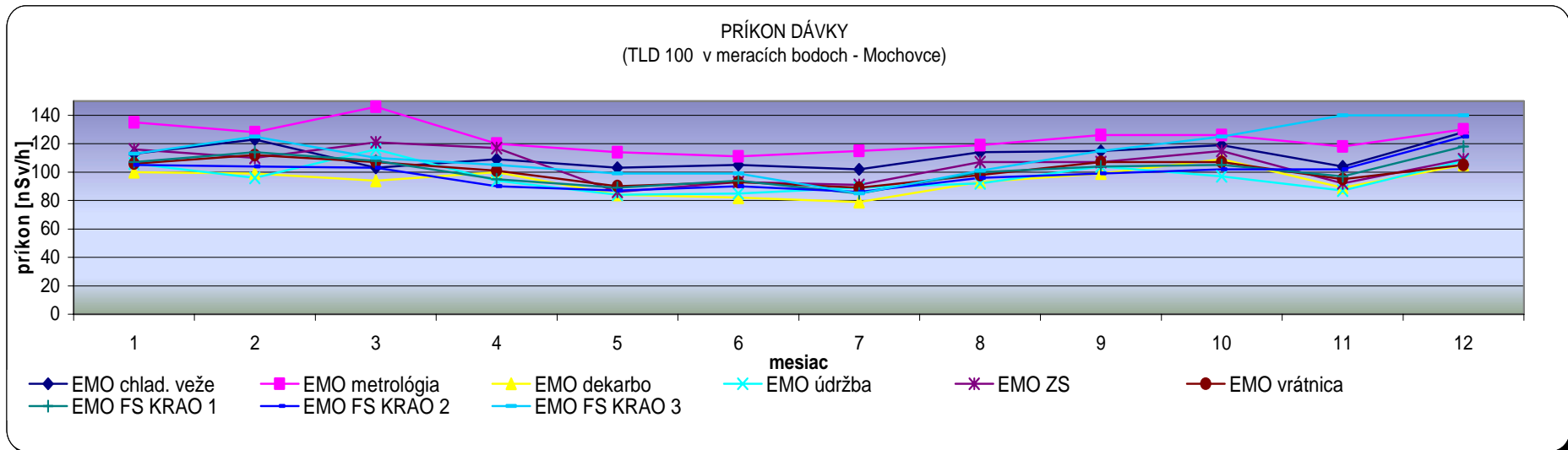


Table 16 Dose rate measured by TLD 100 at the Mochovce measuring points, 2008

PRÍKON DÁVKY
(TLD 200 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	108 ± 6	103 ± 5	95 ± 5	97 ± 6	97 ± 5	86 ± 5	91 ± 5	94 ± 5	95 ± 5	101 ± 6	108 ± 6	97 ± 6
EMO metrológia	117 ± 6	95 ± 5	92 ± 5	99 ± 6	109 ± 6	90 ± 5	101 ± 5	97 ± 5	105 ± 5	105 ± 6	118 ± 6	99 ± 6
EMO dekarbo	91 ± 5	80 ± 5	70 ± 4	78 ± 5	77 ± 4	69 ± 4	74 ± 4	75 ± 4	78 ± 4	83 ± 5	92 ± 5	83 ± 5
EMO údržba	91 ± 5	82 ± 5	73 ± 4	83 ± 5	81 ± 5	74 ± 4	77 ± 4	82 ± 5	83 ± 5	87 ± 5	93 ± 5	85 ± 5
EMO ZS	97 ± 5	85 ± 5	78 ± 4	86 ± 5	81 ± 5	75 ± 4	80 ± 5	82 ± 5	85 ± 5	90 ± 5	98 ± 5	88 ± 5
EMO vrátnica	98 ± 5	81 ± 5	79 ± 4	81 ± 5	87 ± 5	72 ± 4	83 ± 5	80 ± 4	87 ± 5	88 ± 5	99 ± 5	83 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

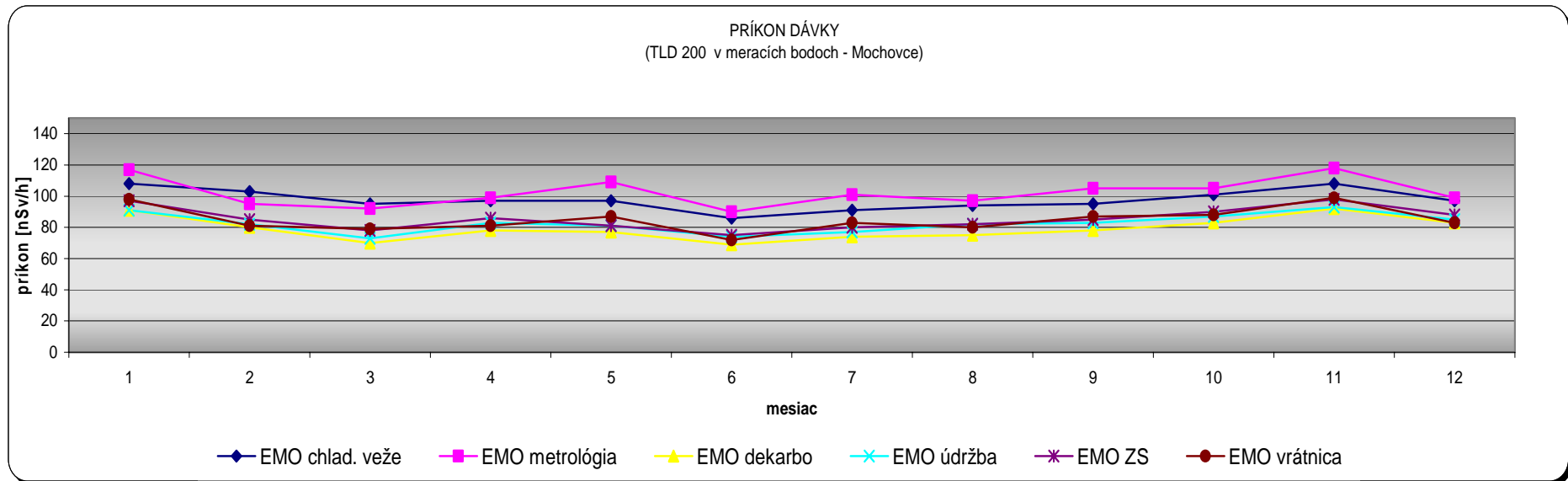


Table 17 Dose rate measured by TLD 200 at the Mochovce measuring points, 2005

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	100 ± 5	86 ± 5	103 ± 5	96 ± 5	106 ± 6	89 ± 5	82 ± 4	99 ± 5	105 ± 5	113 ± 6	107 ± 6	116 ± 6
EMO metrológia	105 ± 5	85 ± 5	113 ± 6	98 ± 5	116 ± 6	88 ± 5	89 ± 5	103 ± 6	114 ± 6	118 ± 6	116 ± 6	123 ± 6
EMO dekarbo	80 ± 4	64 ± 4	84 ± 5	75 ± 4	86 ± 5	68 ± 4	65 ± 4	80 ± 5	86 ± 5	93 ± 5	92 ± 5	99 ± 5
EMO údržba	82 ± 4	68 ± 4	88 ± 5	83 ± 5	89 ± 5	76 ± 4	70 ± 4	86 ± 5	89 ± 5	97 ± 5	91 ± 5	101 ± 5
EMO ZS	88 ± 5	72 ± 4	93 ± 5	83 ± 4	91 ± 5	75 ± 4	71 ± 4	87 ± 5	91 ± 5	99 ± 5	99 ± 5	105 ± 6
EMO vrátnica	88 ± 5	70 ± 4	95 ± 5	81 ± 4	95 ± 5	71 ± 4	74 ± 4	84 ± 5	94 ± 5	100 ± 5	100 ± 5	102 ± 5
EMO FS KRAO 1									86 ± 5	95 ± 5	92 ± 5	98 ± 5
EMO FS KRAO 2									81 ± 4	92 ± 5	87 ± 5	95 ± 5
EMO FS KRAO 3									89 ± 5	101 ± 5	94 ± 5	100 ± 5
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

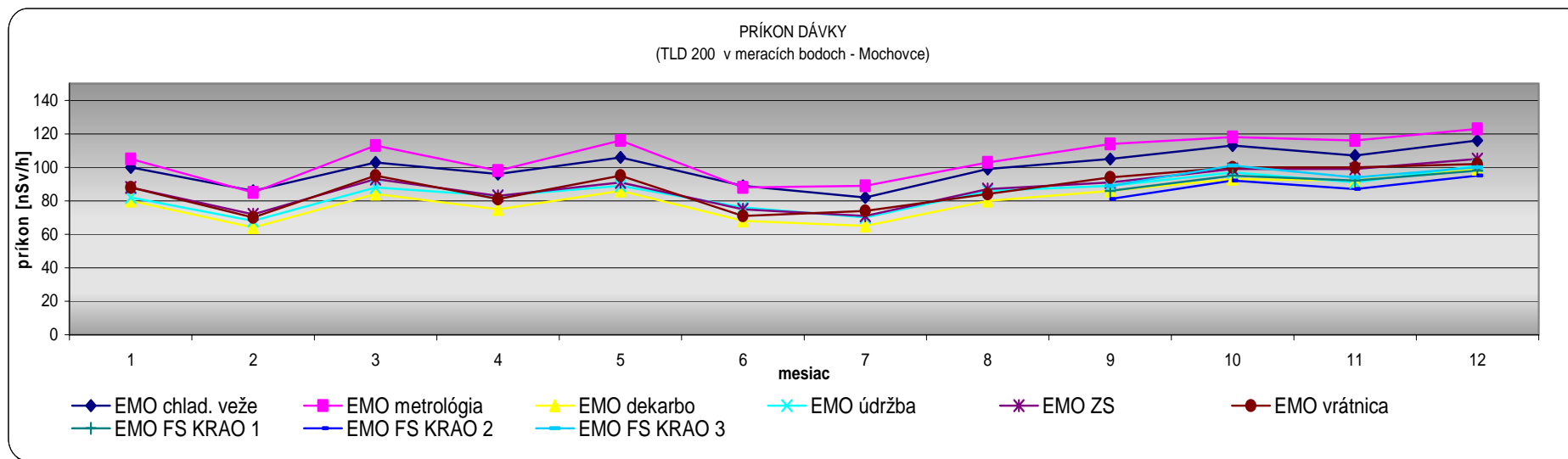


Table 18 Dose rate measured by TLD 200 at the Mochovce measuring points, 2006

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PRÍKON DÁVKY
(TLD 200 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	109 ± 6	108 ± 6	92 ± 5	101 ± 5	94 ± 5	93 ± 5	90 ± 5	110 ± 8	121 ± 6	112 ± 6	116 ± 6	118 ± 6
EMO metrológia	121 ± 6	113 ± 6	107 ± 5	104 ± 5	102 ± 5	95 ± 5	97 ± 5	107 ± 8	87 ± 5	119 ± 6	134 ± 7	125 ± 6
EMO dekarbo	93 ± 5	90 ± 5	83 ± 4	79 ± 4	77 ± 4	72 ± 4	72 ± 4	87 ± 7	90 ± 5	92 ± 5	99 ± 5	99 ± 5
EMO údržba	94 ± 5	92 ± 5	90 ± 5	87 ± 5	80 ± 4	79 ± 5	75 ± 4	85 ± 7	94 ± 5	97 ± 5	99 ± 5	103 ± 5
EMO ZS	101 ± 5	97 ± 5	85 ± 5	85 ± 5	84 ± 5	79 ± 5	80 ± 4	95 ± 7	106 ± 5	101 ± 5	106 ± 6	107 ± 6
EMO vrátnica	101 ± 5	96 ± 5	91 ± 5	88 ± 5	88 ± 5	79 ± 5	79 ± 4	94 ± 7	97 ± 5	100 ± 5	108 ± 6	104 ± 5
EMO FS KRAO 1	95 ± 5	92 ± 5	99 ± 5	84 ± 5	80 ± 4	75 ± 4	76 ± 4	91 ± 7	93 ± 5	96 ± 5	100 ± 5	105 ± 5
EMO FS KRAO 2	90 ± 5	89 ± 5	97 ± 5	80 ± 4	77 ± 4	72 ± 4	70 ± 4	94 ± 7	87 ± 5	93 ± 5	95 ± 5	104 ± 5
EMO FS KRAO 3	95 ± 5	93 ± 5	100 ± 5	86 ± 5	83 ± 4	76 ± 4	75 ± 4	101 ± 8	96 ± 5	100 ± 5	104 ± 5	120 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

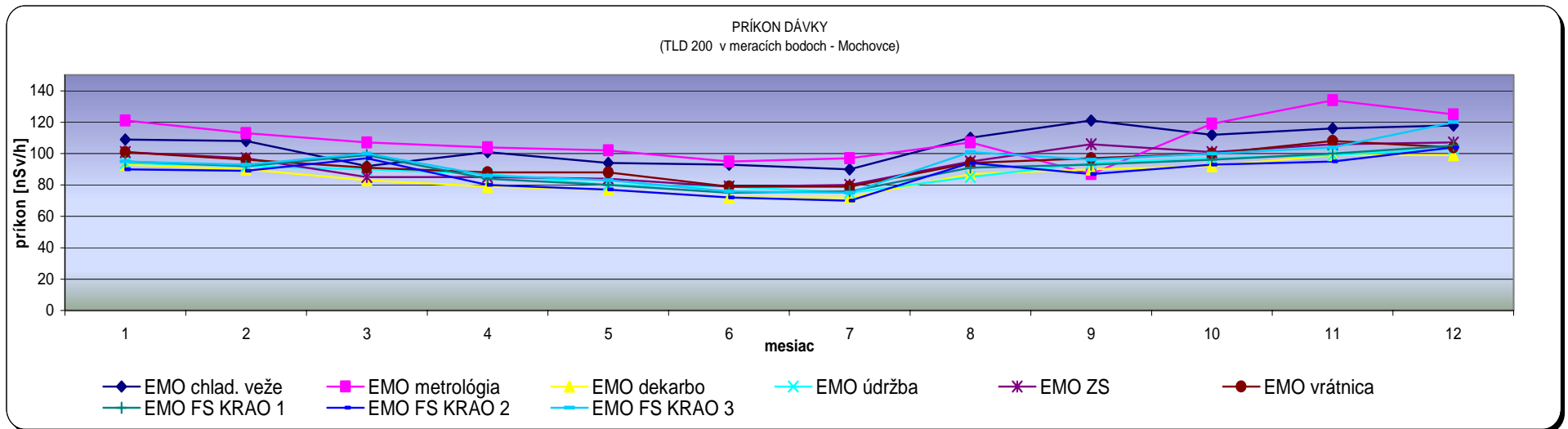


Table 19 Dose rate measured by TLD 200 at the Mochovce measuring points, 2007

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	115 ± 12	110 ± 11	112 ± 11	101 ± 10	103 ± 11	97 ± 10	93 ± 10	99 ± #	109 ± 11	109 ± 11	101 ± 10	119 ± 13
EMO metrológia	128 ± 13	116 ± 12	128 ± 13	107 ± 11	112 ± 11	98 ± 10	103 ± 10	103 ± #	121 ± 12	116 ± 12	114 ± 11	125 ± 14
EMO dekarbo	99 ± 10	91 ± 10	98 ± 10	85 ± 9	83 ± 9	74 ± 8	74 ± 8	78 ± 8	92 ± 10	92 ± 10	88 ± 9	100 ± 12
EMO údržba	99 ± 10	97 ± 10	97 ± 10	90 ± 10	86 ± 9	82 ± 9	78 ± 9	84 ± 9	94 ± 10	95 ± 10	87 ± 9	104 ± 12
EMO ZS	107 ± 11	101 ± 10	105 ± 11	92 ± 10	88 ± 9	82 ± 9	80 ± 9	85 ± 9	99 ± 10	99 ± 10	92 ± 10	107 ± 12
EMO vrátnica	106 ± 11	99 ± 10	104 ± 11	91 ± 10	92 ± 10	83 ± 9	82 ± 9	86 ± 9	102 ± 11	100 ± 10	93 ± 10	104 ± 12
EMO FS KRAO 1	102 ± 10	98 ± 10	99 ± 10	91 ± 10	86 ± 9	82 ± 9	79 ± 9	86 ± 9	95 ± 10	99 ± 10	92 ± 10	107 ± 12
EMO FS KRAO 2	99 ± 10	98 ± 10	95 ± 10	89 ± 10	83 ± 9	81 ± 9	74 ± 8	87 ± 9	89 ± 9	99 ± 10	97 ± 10	109 ± 12
EMO FS KRAO 3	105 ± 11	113 ± 11	103 ± 11	105 ± 11	94 ± 10	94 ± 10	78 ± 8	96 ± #	103 ± 11	127 ± 12	138 ± 13	145 ± 15
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

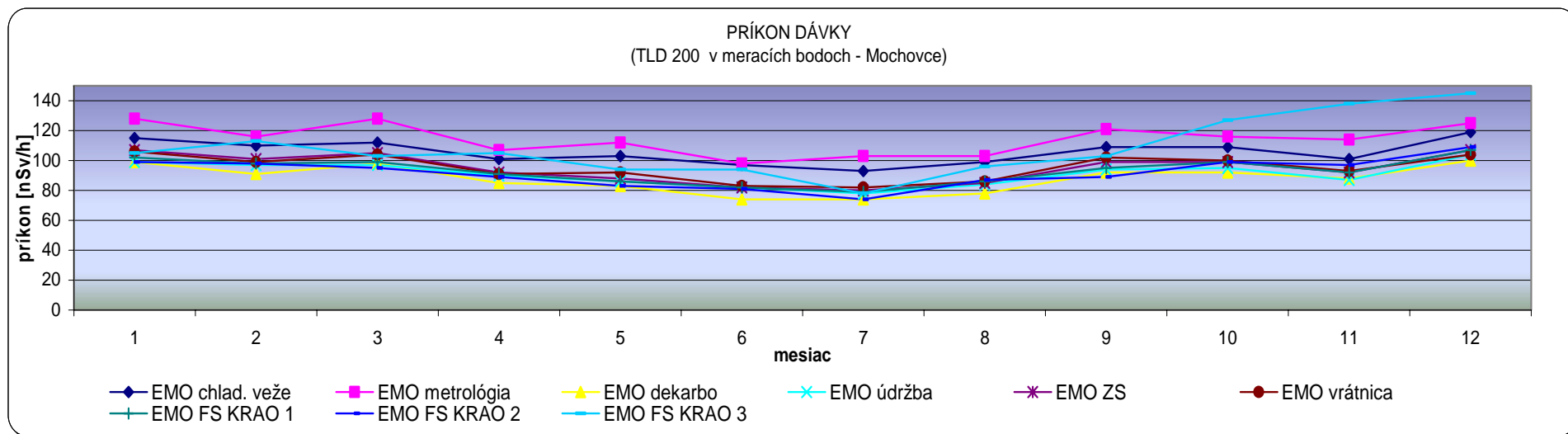


Table 20 Dose rate measured by TLD 200 at the Mochovce measuring points, 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	195 ± 10	181 ± 6	82 ± 4	75 ± 2
Levice	174 ± 9	190 ± 6	72 ± 4	78 ± 3
Kalná n/ Hronom	168 ± 9	186 ± 6	70 ± 4	76 ± 2
Nový Tekov	191 ± 10	201 ± 6	79 ± 4	82 ± 3
M. Kozmálovce	209 ± 10	211 ± 7	85 ± 4	86 ± 3
Veľký Ďur	215 ± 11	205 ± 7	88 ± 4	82 ± 3
Čífare	212 ± 11	178 ± 6	87 ± 4	72 ± 2
Vráble	185 ± 10	206 ± 7	77 ± 4	84 ± 3
Tajná	212 ± 10	204 ± 6	89 ± 4	83 ± 3
Č. Hrádok	191 ± 10	193 ± 6	80 ± 4	79 ± 3
Nemčiňany	216 ± 11	212 ± 7	90 ± 4	86 ± 3
Zlaté Moravce	201 ± 10	195 ± 6	84 ± 4	80 ± 3
Kozárovce	221 ± 11	220 ± 7	92 ± 4	90 ± 3
Rybník	171 ± 9	196 ± 6	70 ± 4	81 ± 3
RÚ RAO 1	175 ± 9	181 ± 6	73 ± 4	74 ± 2
RÚ RAO 2	195 ± 10	199 ± 6	82 ± 4	81 ± 3
RÚ RAO 3	193 ± 10	192 ± 6	81 ± 4	78 ± 3
RÚ RAO 4	194 ± 10	200 ± 6	81 ± 4	82 ± 3
RÚ RAO SDS	160 ± 9	157 ± 6	64 ± 4	66 ± 2
EMO SDS	243 ± 11	218 ± 7	101 ± 5	89 ± 3
EMO chlad. veže	255 ± 12	245 ± 7	107 ± 5	102 ± 3
EMO metrológia	241 ± 11	245 ± 8	101 ± 5	100 ± 3
EMO dekarbo	189 ± 10	193 ± 6	79 ± 4	79 ± 3
EMO údržba	199 ± 10	197 ± 6	84 ± 4	81 ± 3
EMO ZS	236 ± 11	209 ± 7	99 ± 5	86 ± 3
EMO vrátnica	212 ± 10	208 ± 7	89 ± 4	85 ± 3

Table 21 Average doses and rates for the 1st quarter of 2005

**DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA I. ŠTVRŤROK ROKU 2006**

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	176 ± 9	175 ± 6	70 ± 4	69 ± 2
Levice	187 ± 9	193 ± 6	74 ± 4	75 ± 2
Kalná n/ Hronom	175 ± 9	183 ± 6	68 ± 4	70 ± 2
Nový Tekov	210 ± 10	202 ± 7	84 ± 4	79 ± 3
M. Kozmálovce	207 ± 10	210 ± 7	80 ± 4	83 ± 3
Veľký Ďur	202 ± 10	209 ± 7	79 ± 4	81 ± 3
Čífare	201 ± 10	186 ± 6	76 ± 4	71 ± 2
Vráble	197 ± 10	207 ± 7	77 ± 4	80 ± 3
Tajná	203 ± 10	204 ± 7	78 ± 4	79 ± 3
Č. Hrádok	187 ± 9	193 ± 6	75 ± 4	75 ± 2
Nemčiňany	224 ± 11	221 ± 7	89 ± 4	86 ± 3
Zlaté Moravce	204 ± 10	201 ± 6	81 ± 4	79 ± 3
Kozárovce	232 ± 11	226 ± 7	92 ± 4	87 ± 3
Rybník	210 ± 10	219 ± 7	83 ± 4	85 ± 3
RÚ RAO 1	152 ± 8	172 ± 6	60 ± 3	67 ± 2
RÚ RAO 2	176 ± 9	187 ± 6	69 ± 4	73 ± 2
RÚ RAO 3	176 ± 9	188 ± 6	69 ± 4	72 ± 2
RÚ RAO 4	199 ± 10	205 ± 7	79 ± 4	80 ± 3
RÚ RAO SDS	205 ± 10	191 ± 6	78 ± 4	75 ± 2
EMO SDS	223 ± 11	213 ± 7	86 ± 4	81 ± 3
EMO chlad. veže	272 ± 12	244 ± 8	108 ± 5	96 ± 3
EMO metrológia	266 ± 12	257 ± 8	106 ± 5	99 ± 3
EMO dekarbo	211 ± 10	193 ± 6	83 ± 4	75 ± 2
EMO údržba	215 ± 10	201 ± 6	85 ± 4	78 ± 3
EMO ZS	239 ± 11	214 ± 7	95 ± 4	83 ± 3
EMO vrátnica	248 ± 11	214 ± 7	97 ± 4	83 ± 3

Table 22 Average doses and rates for the 1st quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	171 \pm 8	176 \pm 6	71 \pm 3	74 \pm 2
Levice	192 \pm 9	200 \pm 6	81 \pm 4	85 \pm 3
Kalná n/ Hronom	187 \pm 9	199 \pm 6	80 \pm 4	84 \pm 3
Nový Tekov	208 \pm 9	213 \pm 7	88 \pm 4	90 \pm 3
M. Kozmálovce	225 \pm 10	226 \pm 7	95 \pm 4	96 \pm 3
Veľký Ďúr	225 \pm 10	238 \pm 7	95 \pm 4	101 \pm 3
Čifáre	221 \pm 10	207 \pm 6	94 \pm 4	88 \pm 3
Vráble	208 \pm 9	220 \pm 7	88 \pm 4	93 \pm 3
Tajná	223 \pm 10	222 \pm 7	95 \pm 4	94 \pm 3
Č. Hrádok	199 \pm 9	202 \pm 6	82 \pm 4	86 \pm 3
Nemčiňany	247 \pm 10	234 \pm 7	105 \pm 4	99 \pm 3
Zlaté Moravce	227 \pm 10	218 \pm 7	96 \pm 4	93 \pm 3
Kozárovce	238 \pm 10	239 \pm 7	98 \pm 4	101 \pm 3
Rybník	222 \pm 10	228 \pm 7	94 \pm 4	96 \pm 3
RÚ RAO 1	180 \pm 8	202 \pm 6	75 \pm 4	86 \pm 3
RÚ RAO 2	213 \pm 9	224 \pm 7	90 \pm 4	95 \pm 3
RÚ RAO 3	190 \pm 9	210 \pm 6	80 \pm 4	89 \pm 3
RÚ RAO 4	203 \pm 9	217 \pm 7	85 \pm 4	92 \pm 3
RÚ RAO SDS	205 \pm 9	209 \pm 6	87 \pm 4	89 \pm 3
EMO SDS	241 \pm 10	235 \pm 7	101 \pm 4	100 \pm 3
EMO chlad. veže	243 \pm 10	242 \pm 7	103 \pm 4	102 \pm 3
EMO metrológia	269 \pm 11	268 \pm 8	114 \pm 5	113 \pm 3
EMO dekarbo	207 \pm 9	208 \pm 6	87 \pm 4	88 \pm 3
EMO údržba	225 \pm 10	216 \pm 7	96 \pm 4	92 \pm 3
EMO ZS	228 \pm 10	222 \pm 7	96 \pm 4	94 \pm 3
EMO vrátnica	222 \pm 10	226 \pm 7	94 \pm 4	96 \pm 3
EMO FS KRAO 1	236 \pm 10	225 \pm 7	98 \pm 4	95 \pm 3
EMO FS KRAO 2	226 \pm 10	217 \pm 7	95 \pm 4	92 \pm 3
EMO FS KRAO 3	242 \pm 10	226 \pm 7	102 \pm 4	96 \pm 3

Table 23 Average doses and rates for the 1st quarter of 2007

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	184 ± 18	190 ± 12	78 ± 8	79 ± 5
Levice	209 ± 20	220 ± 14	89 ± 8	92 ± 6
Kalná n/ Hronom	211 ± 21	220 ± 14	88 ± 8	91 ± 6
Nový Tekov	216 ± 21	234 ± 14	92 ± 9	98 ± 6
M. Kozmálovce	243 ± 23	245 ± 15	100 ± 9	103 ± 6
Veľký Dúr	244 ± 23	259 ± 16	102 ± 9	109 ± 6
Čifáre	228 ± 22	221 ± 14	95 ± 9	93 ± 6
Vráble	219 ± 21	241 ± 15	92 ± 9	101 ± 6
Tajná	237 ± 22	236 ± 14	100 ± 9	99 ± 6
Č. Hrádok	212 ± 20	221 ± 14	89 ± 8	93 ± 6
Nemčiňany	261 ± 24	257 ± 15	109 ± 10	108 ± 6
Zlaté Moravce	237 ± 22	231 ± 14	99 ± 9	97 ± 6
Kozárovce	257 ± 24	256 ± 15	107 ± 10	107 ± 6
Rybník	237 ± 22	248 ± 15	99 ± 9	103 ± 6
RÚ RAO 1	201 ± 20	216 ± 13	85 ± 8	90 ± 6
RÚ RAO 2	232 ± 22	242 ± 15	97 ± 9	101 ± 6
RÚ RAO 3	209 ± 20	227 ± 14	87 ± 8	95 ± 6
RÚ RAO 4	226 ± 21	236 ± 14	95 ± 9	99 ± 6
RÚ RAO SDS	221 ± 21	221 ± 14	91 ± 8	93 ± 6
EMO SDS	281 ± 25	260 ± 16	116 ± 10	108 ± 6
EMO chlad. veže	268 ± 24	268 ± 16	113 ± 10	112 ± 7
EMO metrológia	324 ± 28	296 ± 17	135 ± 11	124 ± 7
EMO dekarbo	233 ± 22	229 ± 14	98 ± 9	96 ± 6
EMO údržba	252 ± 23	232 ± 14	104 ± 9	98 ± 6
EMO ZS	275 ± 25	249 ± 15	115 ± 10	104 ± 6
EMO vrátnica	257 ± 23	246 ± 15	109 ± 10	103 ± 6
EMO FS KRAO 1	260 ± 23	238 ± 14	110 ± 10	100 ± 6
EMO FS KRAO 2	247 ± 23	232 ± 14	104 ± 9	97 ± 6
EMO FS KRAO 3	274 ± 24	253 ± 15	116 ± 10	107 ± 6

Table 24 Average doses and rates for the 1st quarter of 2008

DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA II. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	139 ± 7	133 ± 5	68 ± 4	65 ± 2
Levice	149 ± 8	147 ± 5	73 ± 4	72 ± 2
Kalná n/ Hronom	138 ± 7	139 ± 5	67 ± 4	68 ± 2
Nový Tekov	157 ± 8	162 ± 5	77 ± 4	79 ± 3
M. Kozmálovce	153 ± 8	168 ± 6	75 ± 4	82 ± 3
Veľký Ďur	179 ± 9	170 ± 6	87 ± 4	83 ± 3
Čifáre	160 ± 8	148 ± 5	78 ± 4	72 ± 2
Vráble	146 ± 7	159 ± 5	72 ± 4	78 ± 3
Tajná	158 ± 8	158 ± 5	77 ± 4	77 ± 3
Č. Hrádok	160 ± 8	153 ± 5	76 ± 4	75 ± 3
Nemčiňany	189 ± 9	178 ± 6	91 ± 4	87 ± 3
Zlaté Moravce	175 ± 8	162 ± 5	84 ± 4	79 ± 3
Kozárovce	196 ± 9	177 ± 6	94 ± 4	87 ± 3
Rybník	173 ± 8	176 ± 6	84 ± 4	86 ± 3
RÚ RAO 1	144 ± 7	154 ± 5	70 ± 4	76 ± 3
RÚ RAO 2	159 ± 8	167 ± 6	78 ± 4	82 ± 3
RÚ RAO 3	162 ± 8	163 ± 5	79 ± 4	80 ± 3
RÚ RAO 4	170 ± 8	172 ± 6	83 ± 4	84 ± 3
RÚ RAO SDS	159 ± 8	151 ± 5	78 ± 4	74 ± 3
EMO SDS	191 ± 9	173 ± 6	91 ± 4	85 ± 3
EMO chlad. veže	220 ± 10	190 ± 6	102 ± 5	93 ± 3
EMO metrológia	207 ± 9	202 ± 6	101 ± 5	98 ± 3
EMO dekarbo	162 ± 8	152 ± 5	78 ± 4	74 ± 3
EMO údržba	164 ± 8	161 ± 5	79 ± 4	79 ± 3
EMO ZS	202 ± 9	164 ± 6	93 ± 4	80 ± 3
EMO vrátnica	185 ± 9	162 ± 5	87 ± 4	79 ± 3

Table 25 Average doses and rates for the IInd quarter of 2005

DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA II. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	154 ± 7	144 ± 5	71 ± 3	66 ± 2
Levice	172 ± 8	158 ± 5	80 ± 4	73 ± 2
Kalná n/ Hronom	161 ± 8	153 ± 5	74 ± 4	70 ± 2
Nový Tekov	177 ± 8	171 ± 6	82 ± 4	79 ± 3
M. Kozmálovce	172 ± 8	181 ± 6	80 ± 4	84 ± 3
Veľký Ďur	184 ± 8	191 ± 6	85 ± 4	88 ± 3
Čífare	168 ± 8	164 ± 5	77 ± 4	76 ± 2
Vráble	168 ± 8	174 ± 6	77 ± 4	80 ± 3
Tajná	170 ± 8	171 ± 6	78 ± 4	79 ± 3
Č. Hrádok	161 ± 8	166 ± 5	74 ± 3	76 ± 2
Nemčiňany	194 ± 9	189 ± 6	90 ± 4	88 ± 3
Zlaté Moravce	178 ± 8	175 ± 6	82 ± 4	81 ± 3
Kozárovce	195 ± 9	186 ± 6	89 ± 4	86 ± 3
Rybník	178 ± 8	184 ± 6	82 ± 4	85 ± 3
RÚ RAO 1	156 ± 7	167 ± 5	72 ± 3	77 ± 3
RÚ RAO 2	180 ± 8	184 ± 6	83 ± 4	85 ± 3
RÚ RAO 3	168 ± 8	175 ± 6	77 ± 4	81 ± 3
RÚ RAO 4	180 ± 8	188 ± 6	83 ± 4	87 ± 3
RÚ RAO SDS	170 ± 8	163 ± 5	77 ± 4	75 ± 2
EMO SDS	202 ± 9	188 ± 6	91 ± 4	86 ± 3
EMO chlad. veže	226 ± 10	208 ± 6	103 ± 4	96 ± 3
EMO metrológia	237 ± 10	215 ± 7	107 ± 5	98 ± 3
EMO dekarbo	179 ± 8	163 ± 5	81 ± 4	75 ± 2
EMO údržba	190 ± 9	177 ± 6	84 ± 4	82 ± 3
EMO ZS	205 ± 9	178 ± 6	93 ± 4	82 ± 3
EMO vrátnica	187 ± 9	176 ± 6	84 ± 4	80 ± 3

Table 26 Average doses and rates for the IInd quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA II. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	132 \pm 7	130 \pm 5	64 \pm 3	64 \pm 2
Levice	154 \pm 7	150 \pm 5	75 \pm 4	74 \pm 2
Kalná n/ Hronom	146 \pm 7	146 \pm 5	71 \pm 3	72 \pm 2
Nový Tekov	169 \pm 8	164 \pm 5	83 \pm 4	80 \pm 3
M. Kozmálovce	162 \pm 8	171 \pm 5	79 \pm 4	84 \pm 3
Veľký Ďúr	172 \pm 8	181 \pm 6	84 \pm 4	89 \pm 3
Čifáre	164 \pm 8	155 \pm 5	81 \pm 4	76 \pm 2
Vráble	159 \pm 7	163 \pm 5	78 \pm 4	80 \pm 3
Tajná	165 \pm 8	164 \pm 5	81 \pm 4	80 \pm 3
Č. Hrádok	158 \pm 7	158 \pm 5	77 \pm 4	78 \pm 3
Nemčiňany	188 \pm 8	183 \pm 6	92 \pm 4	90 \pm 3
Zlaté Moravce	177 \pm 8	167 \pm 5	87 \pm 4	82 \pm 3
Kozárovce	189 \pm 8	179 \pm 6	93 \pm 4	88 \pm 3
Rybník	172 \pm 8	179 \pm 6	84 \pm 4	88 \pm 3
RÚ RAO 1	149 \pm 7	160 \pm 5	73 \pm 3	79 \pm 3
RÚ RAO 2	167 \pm 8	175 \pm 6	82 \pm 4	86 \pm 3
RÚ RAO 3	155 \pm 7	166 \pm 5	76 \pm 4	81 \pm 3
RÚ RAO 4	167 \pm 8	178 \pm 6	82 \pm 4	87 \pm 3
RÚ RAO SDS	166 \pm 8	156 \pm 5	81 \pm 4	77 \pm 2
EMO SDS	183 \pm 8	177 \pm 6	90 \pm 4	87 \pm 3
EMO chlad. veže	205 \pm 9	196 \pm 6	99 \pm 4	96 \pm 3
EMO metrológia	208 \pm 9	204 \pm 6	101 \pm 4	100 \pm 3
EMO dekarbo	163 \pm 8	155 \pm 5	79 \pm 4	76 \pm 2
EMO údržba	170 \pm 8	167 \pm 5	83 \pm 4	82 \pm 3
EMO ZS	182 \pm 8	168 \pm 5	89 \pm 4	83 \pm 3
EMO vrátnica	178 \pm 8	173 \pm 5	87 \pm 4	85 \pm 3
EMO FS KRAO 1	183 \pm 8	162 \pm 5	89 \pm 4	80 \pm 3
EMO FS KRAO 2	175 \pm 8	155 \pm 5	85 \pm 4	76 \pm 2
EMO FS KRAO 3	191 \pm 8	166 \pm 5	93 \pm 4	82 \pm 3

Table 27 Average doses and rates for the IInd quarter of 2007

DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA II. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	161 ± 16	144 ± 10	75 ± 7	67 ± 5
Levice	182 ± 17	164 ± 11	85 ± 8	76 ± 5
Kalná n/ Hronom	174 ± 16	158 ± 10	81 ± 7	73 ± 5
Nový Tekov	197 ± 18	180 ± 11	91 ± 8	84 ± 5
M. Kozmálovce	186 ± 17	187 ± 12	87 ± 8	87 ± 5
Veľký Dúr	207 ± 19	202 ± 12	97 ± 9	94 ± 6
Čifáre	194 ± 18	168 ± 11	90 ± 8	78 ± 5
Vráble	188 ± 17	179 ± 11	88 ± 8	83 ± 5
Tajná	191 ± 18	179 ± 11	86 ± 8	83 ± 5
Č. Hrádok	190 ± 18	173 ± 11	87 ± 8	81 ± 5
Nemčiňany	212 ± 19	201 ± 12	98 ± 9	94 ± 6
Zlaté Moravce	196 ± 18	183 ± 11	91 ± 8	85 ± 5
Kozárovce	231 ± 20	198 ± 12	104 ± 9	92 ± 6
Rybník	204 ± 18	192 ± 12	94 ± 8	90 ± 6
RÚ RAO 1	175 ± 16	176 ± 11	82 ± 8	82 ± 5
RÚ RAO 2	197 ± 18	193 ± 12	92 ± 8	90 ± 6
RÚ RAO 3	182 ± 17	185 ± 12	85 ± 8	86 ± 5
RÚ RAO 4	193 ± 18	195 ± 12	90 ± 8	91 ± 6
RÚ RAO SDS	183 ± 17	170 ± 11	85 ± 8	79 ± 5
EMO SDS	218 ± 19	196 ± 12	100 ± 9	91 ± 6
EMO chlad. veže	225 ± 20	215 ± 13	105 ± 9	100 ± 6
EMO metrológia	246 ± 21	227 ± 14	114 ± 10	105 ± 6
EMO dekarbo	189 ± 17	173 ± 11	87 ± 8	80 ± 5
EMO údržba	187 ± 17	184 ± 11	87 ± 8	86 ± 5
EMO ZS	209 ± 19	187 ± 12	95 ± 8	87 ± 5
EMO vrátnica	202 ± 18	190 ± 12	94 ± 8	88 ± 5
EMO FS KRAO 1	197 ± 18	184 ± 12	92 ± 8	86 ± 5
EMO FS KRAO 2	190 ± 17	180 ± 11	89 ± 8	84 ± 5
EMO FS KRAO 3	215 ± 19	208 ± 13	100 ± 9	97 ± 6

Table 28 Average doses and rates for the IInd quarter of 2008

DÁVKA A

PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	152 ± 8	149 ± 5	66 ± 4	65 ± 2
Levice	164 ± 9	168 ± 6	71 ± 4	73 ± 2
Kalná n/ Hronom	149 ± 8	166 ± 6	65 ± 3	72 ± 2
Nový Tekov	186 ± 10	188 ± 6	81 ± 4	82 ± 3
M. Kozmálovce	179 ± 9	191 ± 6	79 ± 4	83 ± 3
Veľký Ďur	205 ± 10	200 ± 6	88 ± 4	87 ± 3
Čífare	176 ± 9	171 ± 6	76 ± 4	75 ± 2
Vráble	168 ± 9	186 ± 6	74 ± 4	81 ± 3
Tajná	178 ± 9	184 ± 6	79 ± 4	80 ± 3
Č. Hrádok	167 ± 9	176 ± 6	72 ± 4	77 ± 3
Nemčiňany	188 ± 10	199 ± 6	82 ± 4	87 ± 3
Zlaté Moravce	172 ± 9	183 ± 6	73 ± 4	79 ± 3
Kozárovce	200 ± 10	203 ± 6	87 ± 4	89 ± 3
Rybník	190 ± 10	197 ± 6	83 ± 4	86 ± 3
RÚ RAO 1	154 ± 9	172 ± 6	67 ± 4	75 ± 2
RÚ RAO 2	179 ± 9	192 ± 6	77 ± 4	84 ± 3
RÚ RAO 3	173 ± 9	185 ± 6	75 ± 4	81 ± 3
RÚ RAO 4	180 ± 9	189 ± 6	77 ± 4	83 ± 3
RÚ RAO SDS	184 ± 9	172 ± 6	80 ± 4	75 ± 2
EMO SDS	204 ± 10	202 ± 6	90 ± 4	88 ± 3
EMO chlad. veže	222 ± 11	213 ± 7	97 ± 4	93 ± 3
EMO metrológia	228 ± 11	230 ± 7	99 ± 5	101 ± 3
EMO dekarbo	182 ± 9	173 ± 6	77 ± 4	76 ± 2
EMO údržba	182 ± 9	184 ± 6	80 ± 4	81 ± 3
EMO ZS	209 ± 10	188 ± 6	92 ± 4	82 ± 3
EMO vrátnica	200 ± 10	190 ± 6	87 ± 4	83 ± 3

Table 29 Average doses and rates for the IIIrd quarter of 2005

DÁVKA A

PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	148 \pm 7	150 \pm 5	67 \pm 3	67 \pm 2
Levice	161 \pm 7	165 \pm 6	73 \pm 3	74 \pm 2
Kalná n/ Hronom	155 \pm 7	166 \pm 6	71 \pm 3	75 \pm 2
Nový Tekov	178 \pm 8	178 \pm 6	80 \pm 3	79 \pm 3
M. Kozmálovce	175 \pm 8	186 \pm 6	78 \pm 3	82 \pm 3
Veľký Ďur	183 \pm 8	199 \pm 6	83 \pm 3	89 \pm 3
Čifáre	166 \pm 7	169 \pm 6	74 \pm 3	76 \pm 3
Vráble	173 \pm 7	187 \pm 6	78 \pm 3	84 \pm 3
Tajná	171 \pm 7	183 \pm 6	77 \pm 3	82 \pm 3
Č. Hrádok	165 \pm 7	173 \pm 6	74 \pm 3	78 \pm 3
Nemčiňany	187 \pm 8	195 \pm 6	84 \pm 4	87 \pm 3
Zlaté Moravce	176 \pm 8	179 \pm 6	78 \pm 3	80 \pm 3
Kozárovce	206 \pm 9	203 \pm 6	93 \pm 4	91 \pm 3
Rybník	183 \pm 8	193 \pm 6	82 \pm 3	86 \pm 3
RÚ RAO 1	158 \pm 7	173 \pm 6	71 \pm 3	77 \pm 3
RÚ RAO 2	182 \pm 8	188 \pm 6	81 \pm 3	84 \pm 3
RÚ RAO 3	173 \pm 8	183 \pm 6	78 \pm 3	82 \pm 3
RÚ RAO 4	177 \pm 8	189 \pm 6	80 \pm 3	84 \pm 3
RÚ RAO SDS	184 \pm 8	170 \pm 6	84 \pm 4	76 \pm 2
EMO SDS	196 \pm 8	193 \pm 6	89 \pm 4	86 \pm 3
EMO chlad. veže	212 \pm 9	210 \pm 7	95 \pm 4	94 \pm 3
EMO metrológia	218 \pm 9	225 \pm 7	97 \pm 4	100 \pm 3
EMO dekarbo	170 \pm 7	170 \pm 6	75 \pm 3	75 \pm 2
EMO údržba	172 \pm 8	180 \pm 6	77 \pm 3	80 \pm 3
EMO ZS	193 \pm 8	183 \pm 6	86 \pm 4	81 \pm 3
EMO vrátnica	188 \pm 8	185 \pm 6	85 \pm 4	83 \pm 3

Table 30 Average doses and rates for the IIIrd quarter of 2006

DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA III. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	159 \pm 8	153 \pm 5	67 \pm 3	65 \pm 2
Levice	183 \pm 8	179 \pm 6	78 \pm 3	76 \pm 2
Kalná n/ Hronom	191 \pm 9	180 \pm 6	81 \pm 4	76 \pm 2
Nový Tekov	216 \pm 9	198 \pm 6	91 \pm 4	84 \pm 3
M. Kozmálovce	214 \pm 9	205 \pm 6	90 \pm 4	87 \pm 3
Veľký Ďúr	224 \pm 10	217 \pm 7	95 \pm 4	92 \pm 3
Čifáre	206 \pm 9	184 \pm 6	88 \pm 4	79 \pm 3
Vráble	201 \pm 9	203 \pm 6	86 \pm 4	86 \pm 3
Tajná	200 \pm 9	200 \pm 6	85 \pm 4	84 \pm 3
Č. Hrádok	188 \pm 9	191 \pm 6	79 \pm 4	81 \pm 3
Nemčiňany	216 \pm 9	216 \pm 7	91 \pm 4	92 \pm 3
Zlaté Moravce	195 \pm 9	192 \pm 6	81 \pm 4	81 \pm 3
Kozárovce	222 \pm 10	219 \pm 7	94 \pm 4	93 \pm 3
Rybník	217 \pm 9	216 \pm 7	91 \pm 4	92 \pm 3
RÚ RAO 1	173 \pm 8	190 \pm 6	74 \pm 3	81 \pm 3
RÚ RAO 2	195 \pm 9	205 \pm 6	82 \pm 4	88 \pm 3
RÚ RAO 3	188 \pm 9	206 \pm 6	79 \pm 4	88 \pm 3
RÚ RAO 4	198 \pm 9	209 \pm 6	84 \pm 4	90 \pm 3
RÚ RAO SDS	196 \pm 9	183 \pm 6	83 \pm 4	78 \pm 2
EMO SDS	223 \pm 10	213 \pm 7	93 \pm 4	90 \pm 3
EMO chlad. veže	250 \pm 11	244 \pm 7	104 \pm 4	102 \pm 3
EMO metrológia	215 \pm 9	221 \pm 7	92 \pm 4	95 \pm 3
EMO dekarbo	193 \pm 9	189 \pm 6	80 \pm 4	80 \pm 3
EMO údržba	200 \pm 9	198 \pm 6	83 \pm 4	84 \pm 3
EMO ZS	234 \pm 10	213 \pm 7	97 \pm 4	89 \pm 3
EMO vrátnica	209 \pm 9	206 \pm 6	88 \pm 4	87 \pm 3
EMO FS KRAO 1	207 \pm 9	195 \pm 6	87 \pm 4	82 \pm 3
EMO FS KRAO 2	204 \pm 9	183 \pm 6	85 \pm 4	77 \pm 2
EMO FS KRAO 3	220 \pm 10	199 \pm 6	92 \pm 4	84 \pm 3

Table 31 Average doses and rates for the IIIrd quarter of 2007

DÁVKA A
PRIEMERNÝ PRÍKON DÁVKY
ZA III. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	159 ± 15	147 ± 10	72 ± 7	66 ± 4
Levice	182 ± 16	170 ± 11	82 ± 7	77 ± 5
Kalná n/ Hronom	181 ± 16	171 ± 11	82 ± 7	76 ± 5
Nový Tekov	203 ± 18	186 ± 12	91 ± 8	83 ± 5
M. Kozmálovce	213 ± 18	196 ± 12	96 ± 8	89 ± 5
Veľký Dúr	217 ± 19	209 ± 13	99 ± 8	94 ± 6
Čífare	192 ± 17	173 ± 11	87 ± 8	78 ± 5
Vráble	198 ± 17	193 ± 12	90 ± 8	86 ± 5
Tajná	205 ± 18	190 ± 12	93 ± 8	85 ± 5
Č. Hrádok	192 ± 17	182 ± 11	87 ± 8	82 ± 5
Nemčiňany	232 ± 20	204 ± 12	105 ± 9	92 ± 6
Zlaté Moravce	212 ± 18	186 ± 12	95 ± 8	84 ± 5
Kozárovce	239 ± 20	211 ± 13	108 ± 9	95 ± 6
Rybník	221 ± 19	206 ± 12	100 ± 9	93 ± 6
RÚ RAO 1	179 ± 16	181 ± 11	81 ± 7	82 ± 5
RÚ RAO 2	200 ± 18	202 ± 12	90 ± 8	92 ± 6
RÚ RAO 3	199 ± 17	196 ± 12	90 ± 8	89 ± 5
RÚ RAO 4	204 ± 18	198 ± 12	93 ± 8	90 ± 5
RÚ RAO SDS	199 ± 17	174 ± 11	90 ± 8	79 ± 5
EMO SDS	225 ± 19	203 ± 12	102 ± 9	91 ± 6
EMO chlad. veže	242 ± 20	220 ± 13	110 ± 9	100 ± 6
EMO metrológia	264 ± 22	239 ± 14	120 ± 10	108 ± 6
EMO dekarbo	197 ± 17	178 ± 11	89 ± 8	80 ± 5
EMO údržba	208 ± 18	187 ± 12	94 ± 8	85 ± 5
EMO ZS	222 ± 19	192 ± 12	101 ± 9	87 ± 5
EMO vrátnica	214 ± 18	197 ± 12	97 ± 8	89 ± 5
EMO FS KRAO 1	210 ± 18	190 ± 12	95 ± 8	86 ± 5
EMO FS KRAO 2	205 ± 18	182 ± 11	93 ± 8	83 ± 5
EMO FS KRAO 3	218 ± 19	201 ± 12	98 ± 8	90 ± 5

Table 32 Average doses and rates for the IIIrd quarter of 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	136 ± 7	134 ± 5	73 ± 4	71 ± 3
Levice	172 ± 8	156 ± 5	91 ± 4	83 ± 3
Kalná n/ Hronom	152 ± 8	150 ± 5	80 ± 4	79 ± 3
Nový Tekov	189 ± 9	169 ± 6	99 ± 5	90 ± 3
M. Kozmálovce	170 ± 8	185 ± 6	91 ± 4	98 ± 3
Veľký Ďur	218 ± 10	182 ± 6	112 ± 5	96 ± 3
Čifáre	173 ± 8	157 ± 5	91 ± 4	83 ± 3
Vráble	170 ± 8	174 ± 6	91 ± 4	92 ± 3
Tajná	180 ± 9	170 ± 6	96 ± 5	90 ± 3
Č. Hrádok	187 ± 9	158 ± 5	95 ± 5	84 ± 3
Nemčiňany	192 ± 9	184 ± 6	102 ± 5	98 ± 3
Zlaté Moravce	185 ± 9	171 ± 6	97 ± 5	91 ± 3
Kozárovce	204 ± 10	186 ± 6	107 ± 5	98 ± 3
Rybník	183 ± 9	178 ± 6	97 ± 5	94 ± 3
RÚ RAO 1	137 ± 7	150 ± 5	74 ± 4	80 ± 3
RÚ RAO 2	165 ± 8	169 ± 6	88 ± 4	89 ± 3
RÚ RAO 3	158 ± 8	160 ± 5	84 ± 4	85 ± 3
RÚ RAO 4	175 ± 9	171 ± 6	91 ± 4	91 ± 3
RÚ RAO SDS	164 ± 8	156 ± 5	88 ± 4	83 ± 3
EMO SDS	192 ± 9	185 ± 6	102 ± 5	97 ± 3
EMO chlad. veže	213 ± 10	192 ± 6	112 ± 5	102 ± 3
EMO metrológia	225 ± 10	203 ± 6	118 ± 5	107 ± 3
EMO dekarbo	181 ± 9	162 ± 5	94 ± 5	86 ± 3
EMO údržba	170 ± 8	166 ± 6	91 ± 4	88 ± 3
EMO ZS	207 ± 10	173 ± 6	108 ± 5	92 ± 3
EMO vrátnica	187 ± 9	170 ± 6	99 ± 5	90 ± 3

Table 33 Average doses and rates for the IVth quarter of 2005

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	163 ± 8	161 ± 5	80 ± 4	79 ± 3
Levice	181 ± 9	184 ± 6	88 ± 4	90 ± 3
Kalná n/ Hronom	176 ± 8	180 ± 6	86 ± 4	88 ± 3
Nový Tekov	203 ± 9	200 ± 6	99 ± 5	98 ± 3
M. Kozmálovce	197 ± 9	216 ± 6	96 ± 4	106 ± 3
Veľký Dúr	210 ± 9	220 ± 7	103 ± 5	108 ± 3
Čifáre	196 ± 9	190 ± 6	96 ± 4	93 ± 3
Vráble	201 ± 9	207 ± 6	98 ± 4	102 ± 3
Tajná	206 ± 9	201 ± 6	101 ± 5	99 ± 3
Č. Hrádok	184 ± 9	185 ± 6	88 ± 4	91 ± 3
Nemčiňany	225 ± 10	219 ± 7	108 ± 5	107 ± 3
Zlaté Moravce	208 ± 9	203 ± 6	99 ± 5	99 ± 3
Kozárovce	222 ± 10	213 ± 6	108 ± 5	105 ± 3
Rybník	201 ± 9	211 ± 6	98 ± 4	103 ± 3
RÚ RAO 1	158 ± 8	180 ± 6	77 ± 4	88 ± 3
RÚ RAO 2	191 ± 9	202 ± 6	93 ± 4	99 ± 3
RÚ RAO 3	176 ± 8	191 ± 6	86 ± 4	94 ± 3
RÚ RAO 4	191 ± 9	203 ± 6	92 ± 4	99 ± 3
RÚ RAO SDS	180 ± 9	187 ± 6	88 ± 4	92 ± 3
EMO SDS	219 ± 10	217 ± 7	107 ± 5	106 ± 3
EMO chlad. veže	228 ± 10	228 ± 7	111 ± 5	112 ± 3
EMO metrológia	240 ± 10	242 ± 7	117 ± 5	119 ± 4
EMO dekarbo	197 ± 9	193 ± 6	95 ± 4	94 ± 3
EMO údržba	193 ± 9	196 ± 6	94 ± 4	96 ± 3
EMO ZS	221 ± 10	206 ± 6	107 ± 5	101 ± 3
EMO vrátnica	205 ± 9	205 ± 6	100 ± 5	101 ± 3
EMO FS KRAO 1	211 ± 10	193 ± 6	101 ± 5	95 ± 3
EMO FS KRAO 2	204 ± 9	186 ± 6	99 ± 4	91 ± 3
EMO FS KRAO 3	218 ± 10	200 ± 6	106 ± 5	98 ± 3

Table 34 Average doses and rates for the IVth quarter of 2006

DÁVKA A

PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	177 ± 8	162 ± 5	88 ± 4	80 ± 3
Levice	193 ± 8	190 ± 6	96 ± 4	94 ± 3
Kalná n/ Hronom	181 ± 8	185 ± 6	90 ± 4	92 ± 3
Nový Tekov	207 ± 9	204 ± 6	103 ± 4	101 ± 3
M. Kozmálovce	209 ± 9	221 ± 7	103 ± 4	109 ± 3
Veľký Ďúr	219 ± 9	226 ± 7	108 ± 5	112 ± 3
Čifáre	199 ± 9	193 ± 6	98 ± 4	96 ± 3
Vráble	198 ± 9	205 ± 6	99 ± 4	102 ± 3
Tajná	212 ± 9	205 ± 6	105 ± 4	102 ± 3
Č. Hrádok	198 ± 9	190 ± 6	98 ± 4	94 ± 3
Nemčiňany	225 ± 9	222 ± 7	112 ± 5	110 ± 3
Zlaté Moravce	216 ± 9	204 ± 6	107 ± 5	101 ± 3
Kozárovce	228 ± 10	219 ± 7	113 ± 5	109 ± 3
Rybník	216 ± 9	214 ± 7	107 ± 5	106 ± 3
RÚ RAO 1	186 ± 8	185 ± 6	92 ± 4	92 ± 3
RÚ RAO 2	217 ± 9	220 ± 7	107 ± 5	109 ± 3
RÚ RAO 3	191 ± 8	199 ± 6	94 ± 4	99 ± 3
RÚ RAO 4	210 ± 9	208 ± 6	103 ± 4	103 ± 3
RÚ RAO SDS	194 ± 9	192 ± 6	93 ± 4	95 ± 3
EMO SDS	232 ± 10	217 ± 7	113 ± 5	107 ± 3
EMO chlad. veže	241 ± 10	232 ± 7	120 ± 5	115 ± 3
EMO metrológia	263 ± 11	253 ± 7	130 ± 5	126 ± 4
EMO dekarbo	208 ± 9	195 ± 6	103 ± 4	97 ± 3
EMO údržba	216 ± 9	201 ± 6	107 ± 5	100 ± 3
EMO ZS	231 ± 10	211 ± 6	114 ± 5	105 ± 3
EMO vrátnica	216 ± 9	209 ± 6	107 ± 5	104 ± 3
EMO FS KRAO 1	227 ± 10	202 ± 6	113 ± 5	100 ± 3
EMO FS KRAO 2	215 ± 9	196 ± 6	107 ± 5	97 ± 3
EMO FS KRAO 3	245 ± 10	218 ± 7	122 ± 5	107 ± 3

Table 35 Average doses and rates for the IVth quarter of 2007

DÁVKA A

PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μ Sv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	174 \pm 16	152 \pm 10	85 \pm 8	75 \pm 5
Levice	190 \pm 17	177 \pm 11	93 \pm 8	87 \pm 6
Kalná n/ Hronom	183 \pm 17	172 \pm 11	90 \pm 8	85 \pm 5
Nový Tekov	206 \pm 18	194 \pm 12	100 \pm 9	95 \pm 6
M. Kozmálovce	210 \pm 19	212 \pm 13	103 \pm 9	104 \pm 6
Veľký Ďúr	221 \pm 19	217 \pm 13	108 \pm 9	106 \pm 6
Čifáre	201 \pm 18	184 \pm 12	99 \pm 9	90 \pm 6
Vráble	202 \pm 18	201 \pm 12	99 \pm 9	99 \pm 6
Tajná	218 \pm 19	198 \pm 12	107 \pm 9	97 \pm 6
Č. Hrádok	205 \pm 18	182 \pm 12	100 \pm 9	89 \pm 6
Nemčiňany	233 \pm 20	212 \pm 13	114 \pm 10	104 \pm 6
Zlaté Moravce	223 \pm 19	196 \pm 12	109 \pm 9	96 \pm 6
Kozárovce	241 \pm 21	212 \pm 13	118 \pm 10	104 \pm 6
Rybník	224 \pm 19	207 \pm 13	110 \pm 9	102 \pm 6
RÚ RAO 1	180 \pm 17	177 \pm 11	88 \pm 8	87 \pm 5
RÚ RAO 2	206 \pm 18	203 \pm 13	101 \pm 9	99 \pm 6
RÚ RAO 3	193 \pm 17	188 \pm 12	95 \pm 8	92 \pm 6
RÚ RAO 4	202 \pm 18	197 \pm 12	98 \pm 9	96 \pm 6
RÚ RAO SDS	191 \pm 17	185 \pm 12	94 \pm 8	90 \pm 6
EMO SDS	228 \pm 20	207 \pm 13	112 \pm 10	102 \pm 6
EMO chlad. veže	235 \pm 20	221 \pm 13	114 \pm 10	108 \pm 7
EMO metrológia	253 \pm 21	239 \pm 14	124 \pm 10	118 \pm 7
EMO dekarbo	206 \pm 18	188 \pm 12	99 \pm 9	92 \pm 6
EMO údržba	195 \pm 17	192 \pm 12	95 \pm 8	94 \pm 6
EMO ZS	215 \pm 19	200 \pm 12	103 \pm 9	98 \pm 6
EMO vrátnica	208 \pm 18	201 \pm 12	101 \pm 9	98 \pm 6
EMO FS KRAO 1	214 \pm 19	200 \pm 12	104 \pm 9	98 \pm 6
EMO FS KRAO 2	218 \pm 19	205 \pm 13	107 \pm 9	101 \pm 6
EMO FS KRAO 3	273 \pm 23	275 \pm 16	134 \pm 11	135 \pm 8

Table 36 Average doses and rates for the IVth quarter of 2008.

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	82 ± 4	74 ± 5	82 ± 4	82 ± 4	82 ± 4	84 ± 3	85 ± 3	86 ± 4	87 ± 4	84 ± 4	89 ± 3	79 ± 5
Kalná	86 ± 3	77 ± 3	89 ± 5	90 ± 3	92 ± 4	89 ± 4	91 ± 3	89 ± 3	93 ± 4	90 ± 3	89 ± 4	85 ± 4
Nový Tekov	92 ± 4	84 ± 4	95 ± 7	106 ± 5	93 ± 5	100 ± 4	98 ± 8	97 ± 6	100 ± 5	99 ± 5	96 ± 6	99 ± 3
M. Kozmálovce	93 ± 4	79 ± 4	93 ± 9	99 ± 5	97 ± 5	105 ± 4	99 ± 5	97 ± 6	98 ± 5	99 ± 4	102 ± 4	97 ± 4
Veľký Ďur	87 ± 5	80 ± 4	93 ± 7	93 ± 4	94 ± 5	99 ± 4	96 ± 6	104 ± 5	96 ± 4	98 ± 6	97 ± 5	93 ± 7
Čífare	82 ± 4	68 ± 3	83 ± 6	84 ± 4	84 ± 5	84 ± 4	87 ± 5	93 ± 7	86 ± 5	87 ± 4	90 ± 5	86 ± 5
Vráble	86 ± 6	74 ± 7	86 ± 4	85 ± 6	82 ± 10	84 ± 4	87 ± 3	91 ± 9	88 ± 7	89 ± 7	95 ± 7	89 ± 4
Tajná	84 ± 5	69 ± 4	87 ± 4	90 ± 6	80 ± 11	89 ± 4	89 ± 4	89 ± 5	88 ± 4	89 ± 6	89 ± 5	85 ± 6
Č. Hrádok	85 ± 4	76 ± 4	89 ± 5	86 ± 4	90 ± 4	92 ± 3	89 ± 5	88 ± 8	93 ± 4	88 ± 6	92 ± 4	89 ± 5
Nemčiňany	91 ± 5	77 ± 5	90 ± 7	98 ± 5	85 ± 11	97 ± 3	95 ± 5	97 ± 6	94 ± 5	95 ± 5	96 ± 5	96 ± 6
Zlaté Moravce	91 ± 4	72 ± 5	91 ± 6	92 ± 4	80 ± 11	92 ± 4	98 ± 5	90 ± 5	93 ± 7	93 ± 4	94 ± 5	92 ± 3
Kozárovce	90 ± 5	83 ± 4	95 ± 8	97 ± 4	93 ± 5	99 ± 4	98 ± 5	98 ± 4	100 ± 6	100 ± 4	99 ± 5	101 ± 4
Rybník	69 ± 3	76 ± 4	71 ± 4	96 ± 5	95 ± 5	101 ± 4	94 ± 8	78 ± 4	98 ± 5	96 ± 4	99 ± 4	95 ± 5
EMO SDS	90 ± 6	78 ± 4	93 ± 6	97 ± 4	99 ± 6	102 ± 4	100 ± 5	96 ± 5	98 ± 5	100 ± 5	98 ± 5	95 ± 6
EMO CHL. VEŽE	100 ± 6	100 ± 9	99 ± 7	107 ± 5	103 ± 4	107 ± 4	101 ± 5	103 ± 5	103 ± 5	103 ± 6	106 ± 5	101 ± 6
Tlak [hPa]	990	1000	992	990	1000	992	990	1000	992	990	1000	992

Table 37 Dose rate at the dosimetry stations measured by IC, 2005

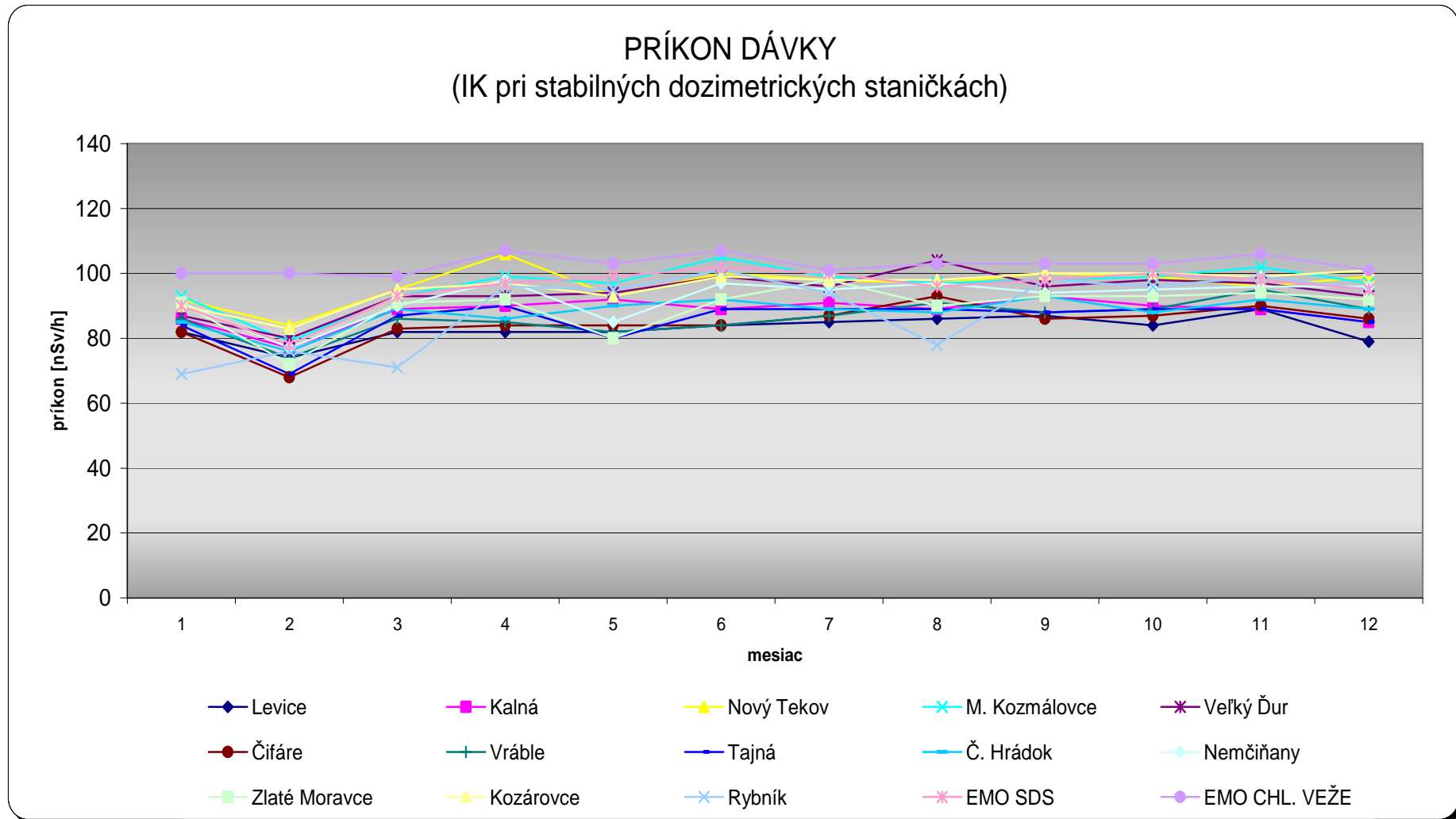


Figure 5 Dose rate at the dosimetry stations measured by IC, 2005

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	81 ± 3	79 ± 4	92 ± 3	85 ± 4	86 ± 4	85 ± 4	88 ± 4	85 ± 4	90 ± 5	90 ± 3	87 ± 4	89 ± 6
Kalná	86 ± 4	82 ± 3	87 ± 4	89 ± 4	91 ± 3	87 ± 5	95 ± 4	93 ± 4	94 ± 4	98 ± 4	95 ± 4	95 ± 4
Nový Tekov	88 ± 6	91 ± 4	99 ± 5	101 ± 5	98 ± 9	100 ± 10	98 ± 6	98 ± 4	101 ± 3	101 ± 4	101 ± 5	101 ± 5
M. Kozmálovce	91 ± 4	90 ± 5	99 ± 4	98 ± 5	98 ± 4	91 ± 8	96 ± 5	95 ± 5	99 ± 5	104 ± 6	102 ± 5	101 ± 4
Veľký Ďur	88 ± 4	90 ± 4	103 ± 4	96 ± 5	95 ± 4	92 ± 9	99 ± 5	95 ± 4	99 ± 4	100 ± 4	99 ± 6	96 ± 4
Čífare	75 ± 4	82 ± 4	93 ± 5	86 ± 4	91 ± 4	96 ± 6	92 ± 5	87 ± 4	91 ± 7	94 ± 4	94 ± 5	90 ± 4
Vráble	77 ± 6	85 ± 5	93 ± 5	90 ± 7	87 ± 6	93 ± 9	84 ± 4	91 ± 4	95 ± 5	92 ± 4	96 ± 4	85 ± 5
Tajná	82 ± 3	86 ± 4	93 ± 4	89 ± 5	88 ± 5	91 ± 3	90 ± 4	91 ± 5	91 ± 6	94 ± 4	94 ± 3	88 ± 6
Č. Hrádok	86 ± 6	88 ± 5	98 ± 5	87 ± 7	93 ± 4	89 ± 5	85 ± 8	89 ± 4	83 ± 4	92 ± 5	91 ± 6	87 ± 4
Nemčiňany	90 ± 5	94 ± 4	102 ± 4	94 ± 5	92 ± 5	94 ± 5	94 ± 6	96 ± 4	96 ± 6	99 ± 6	101 ± 4	97 ± 5
Zlaté Moravce	88 ± 4	91 ± 5	99 ± 4	90 ± 4	93 ± 4	90 ± 4	93 ± 4	91 ± 5	94 ± 4	95 ± 5	100 ± 5	91 ± 11
Kozárovce	89 ± 3	88 ± 4	97 ± 4	99 ± 4	102 ± 5	94 ± 4	99 ± 5	101 ± 5	103 ± 3	104 ± 5	103 ± 4	103 ± 25
Rybník	92 ± 4	91 ± 5	95 ± 4	93 ± 4	95 ± 3	79 ± 4	96 ± 5	95 ± 4	97 ± 4	99 ± 4	101 ± 4	97 ± 7
EMO SDS	84 ± 4	83 ± 3	98 ± 6	96 ± 6	95 ± 4	92 ± 5	96 ± 6	94 ± 5	98 ± 6	101 ± 6	102 ± 5	95 ± 6
EMO CHL. VEZE	100 ± 5	100 ± 4	107 ± 5	102 ± 5	102 ± 4	98 ± 5	108 ± 4	99 ± 5	105 ± 5	108 ± 6	116 ± 6	103 ± 7
EMO FS KRAO 2									98 ± 6	99 ± 5	92 ± 4	90 ± 4
Tlak [hPa]	1050	985	971	981	989	990	991	987	985	978	972	1001

Table 38 Dose rate at the dosimetry stations measured by IC- 2006

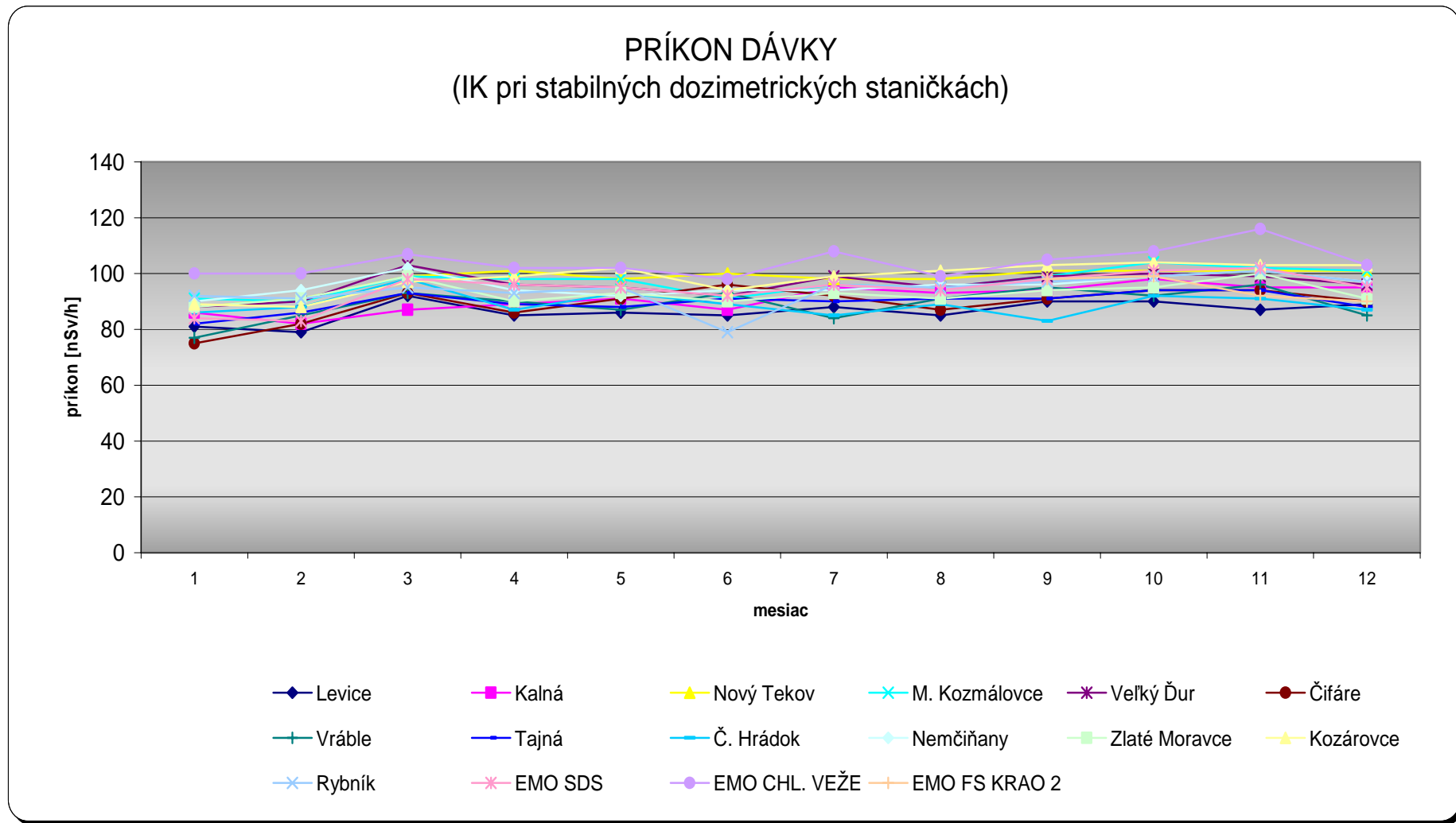


Figure 6 Dose rate at the dosimetry stations measured by IC. 2006

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	92 ± 6	85 ± 10	86 ± 4	91 ± 4	90 ± 3	86 ± 4	87 ± 4	87 ± 4	91 ± 5	82 ± 4	80 ± 3	81 ± 4
Kalná	95 ± 4	89 ± 9	93 ± 4	99 ± 5	99 ± 5	95 ± 4	101 ± 3	104 ± 4	101 ± 4	98 ± 3	90 ± 4	87 ± 4
Nový Tekov	108 ± 7	92 ± 6	103 ± 6	107 ± 5	99 ± 5	102 ± 5	104 ± 4	103 ± 4	107 ± 4	101 ± 4	98 ± 4	91 ± 4
M. Kozmálovce	103 ± 6	97 ± 5	96 ± 5	103 ± 5	96 ± 6	102 ± 5	106 ± 5	99 ± 5	106 ± 4	100 ± 5	93 ± 5	102 ± 5
Veľký Ďur	100 ± 4	98 ± 8	95 ± 5	102 ± 4	100 ± 5	100 ± 5	100 ± 5	101 ± 5	102 ± 4	109 ± 5	93 ± 4	92 ± 4
Čifáre	100 ± 5	87 ± 4	89 ± 5	95 ± 5	97 ± 3	94 ± 5	97 ± 5	93 ± 4	96 ± 4	102 ± 5	90 ± 6	89 ± 4
Vráble	96 ± 5	84 ± 5	85 ± 5	88 ± 5	92 ± 6	88 ± 4	90 ± 4	86 ± 5	95 ± 5	87 ± 5	67 ± 6	79 ± 3
Tajná	93 ± 5	86 ± 7	86 ± 4	90 ± 4	91 ± 4	90 ± 5	93 ± 5	96 ± 5	94 ± 5	89 ± 5	88 ± 4	88 ± 4
Č. Hrádok	93 ± 5	90 ± 5	85 ± 4	90 ± 5	90 ± 4	91 ± 5	93 ± 4	92 ± 4	95 ± 5	88 ± 4	92 ± 4	89 ± 3
Nemčiňany	103 ± 4	97 ± 5	95 ± 5	95 ± 4	95 ± 4	95 ± 5	95 ± 4	95 ± 4	98 ± 5	89 ± 4	93 ± 5	93 ± 4
Zlaté Moravce	98 ± 4	90 ± 5	94 ± 4	92 ± 5	94 ± 4	92 ± 5	94 ± 4	94 ± 4	96 ± 6	93 ± 3	90 ± 3	89 ± 3
Kozárovce	107 ± 5	98 ± 5	97 ± 4	101 ± 5	103 ± 5	103 ± 5	105 ± 5	101 ± 4	104 ± 5	99 ± 4	98 ± 5	99 ± 4
Rybník	97 ± 9	93 ± 5	91 ± 5	98 ± 6	110 ± 6	98 ± 5	102 ± 5	98 ± 5	99 ± 3	98 ± 4	93 ± 5	87 ± 4
EMO SDS	99 ± 5	97 ± 5	96 ± 4	104 ± 5	100 ± 4	100 ± 6	103 ± 5	103 ± 4	104 ± 5	101 ± 5	93 ± 4	97 ± 4
EMO CHL. VEŽE	104 ± 5	103 ± 5	102 ± 4	110 ± 5	106 ± 5	109 ± 3	109 ± 6	110 ± 5	108 ± 6	105 ± 6	100 ± 5	103 ± 3
EMO FS KRAO 2	89 ± 5	85 ± 4	85 ± 5	98 ± 5	98 ± 5	98 ± 5	101 ± 6	89 ± 4	92 ± 5	86 ± 4	83 ± 4	95 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008

[Table 39 Dose rate at the dosimetry stations measured by IC , 2007](#)

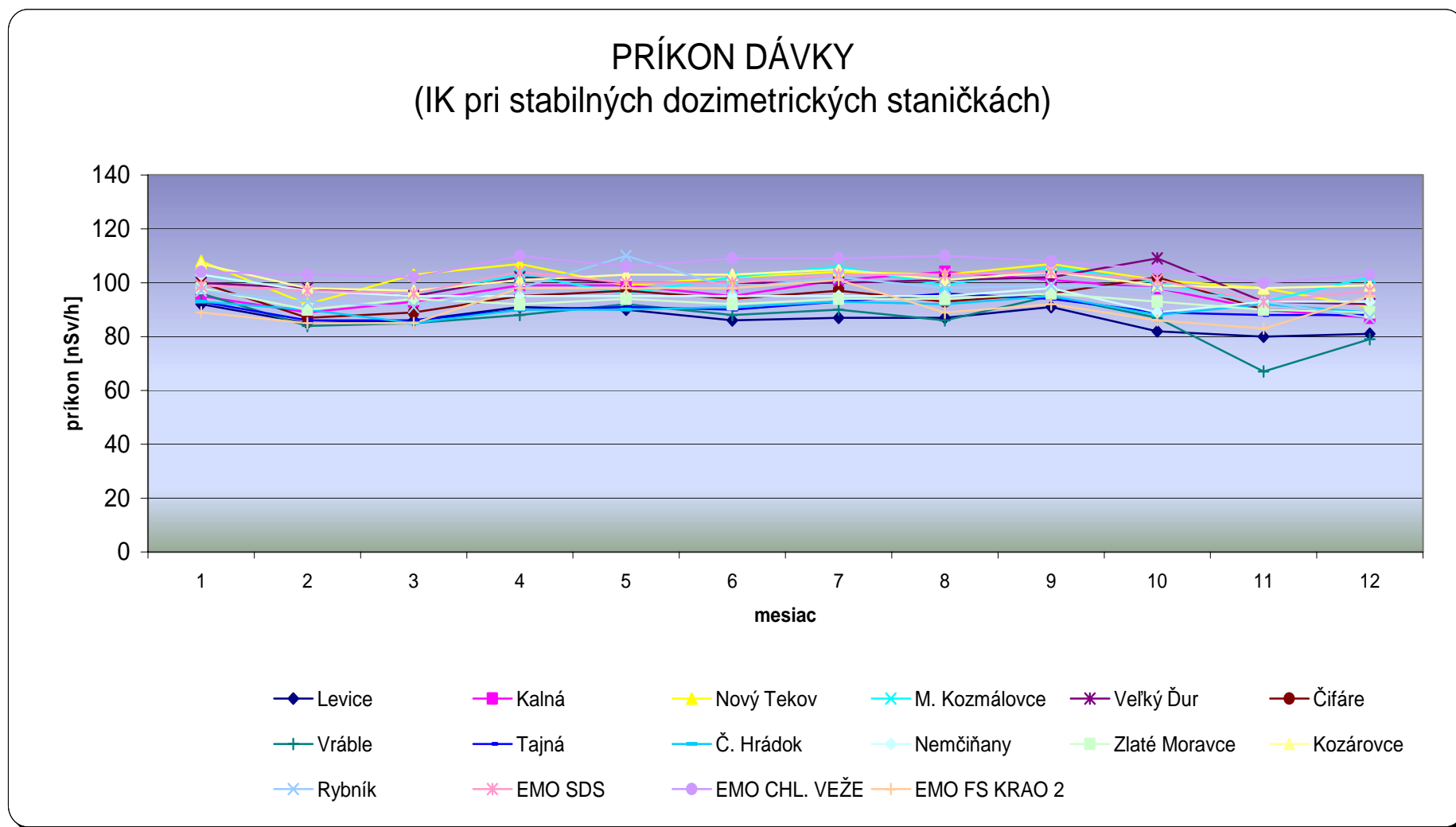


Figure 5 Dose rate at the dosimetry stations measured by IC- 2007

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	83 ± 9	87 ± 10	82 ± 9	82 ± 8	84 ± 11	85 ± 9	82 ± 13	85 ± 9	88 ± 11	87 ± 10	78 ± 9	86 ± 11
Kalná	87 ± 11	92 ± 11	90 ± 10	91 ± 10	95 ± 10	99 ± 12	92 ± 10	98 ± 10	100 ± 8	98 ± 10	87 ± 10	94 ± 11
Nový Tekov	97 ± 12	101 ± 13	101 ± 12	100 ± 12	99 ± 12	97 ± 12	93 ± 13	96 ± 10	104 ± 12	106 ± 14	94 ± 10	99 ± 12
M. Kozmálovce	94 ± 11	101 ± 10	96 ± 12	97 ± 12	97 ± 12	101 ± 12	99 ± 13	100 ± 10	99 ± 12	103 ± 12	92 ± 11	100 ± 15
Veľký Ďur	93 ± 11	97 ± 10	94 ± 10	95 ± 12	99 ± 10	93 ± 13	95 ± 10	101 ± 12	97 ± 10	100 ± 12	87 ± 11	98 ± 10
Čifáre	87 ± 10	88 ± 11	88 ± 11	87 ± 11	91 ± 11	92 ± 13	90 ± 10	96 ± 12	90 ± 10	93 ± 11	81 ± 9	88 ± 11
Vráble	87 ± 13	89 ± 13	85 ± 13	85 ± 8	72 ± 11	83 ± 9	86 ± 11	77 ± 11	90 ± 10	91 ± 11	87 ± 10	91 ± 10
Tajná	86 ± 11	88 ± 11	84 ± 11	83 ± 11	88 ± 11	88 ± 11	88 ± 10	87 ± 13	89 ± 11	88 ± 11	84 ± 11	89 ± 13
Č. Hrádok	84 ± 11	89 ± 10	89 ± 8	87 ± 13	90 ± 11	91 ± 11	89 ± 10	85 ± 11	86 ± 11	91 ± 10	86 ± 10	88 ± 13
Nemčiňany	91 ± 11	91 ± 13	83 ± 11	95 ± 12	89 ± 11	91 ± 11	95 ± 12	93 ± 10	95 ± 12	98 ± 12	87 ± 11	90 ± 11
Zlaté Moravce	91 ± 11	93 ± 11	91 ± 11	90 ± 10	92 ± 10	93 ± 10	94 ± 10	91 ± 10	93 ± 11	93 ± 11	87 ± 10	97 ± 12
Kozárovce	96 ± 12	99 ± 12	94 ± 13	95 ± 10	99 ± 12	97 ± 12	98 ± 13	99 ± 12	100 ± 12	101 ± 10	90 ± 10	99 ± 10
Rybník	90 ± 11	98 ± 12	91 ± 11	89 ± 10	94 ± 11	92 ± 11	97 ± 10	96 ± 8	100 ± 12	98 ± 12	88 ± 11	99 ± 10
EMO SDS	94 ± 10	97 ± 10	97 ± 10	96 ± 10	98 ± 13	98 ± 12	96 ± 10	100 ± 12	98 ± 12	98 ± 12	87 ± 11	97 ± 12
EMO CHL. VEŽE	101 ± 13	104 ± 12	101 ± 13	101 ± 12	103 ± 12	103 ± 12	103 ± 10	111 ± 10	104 ± 12	107 ± 12	96 ± 10	107 ± 12
EMO FS KRAO 2	85 ± 9	91 ± 10	92 ± 11	96 ± 13	94 ± 11	94 ± 11	93 ± 11	96 ± 12	94 ± 8	96 ± 12	85 ± 11	101 ± 10
Tlak [hPa]	1001	991	976	994	985	988	990	993	988	971	979	983

[Table 40 Dose rate at the dosimetry stations measured by IC , 2008](#)

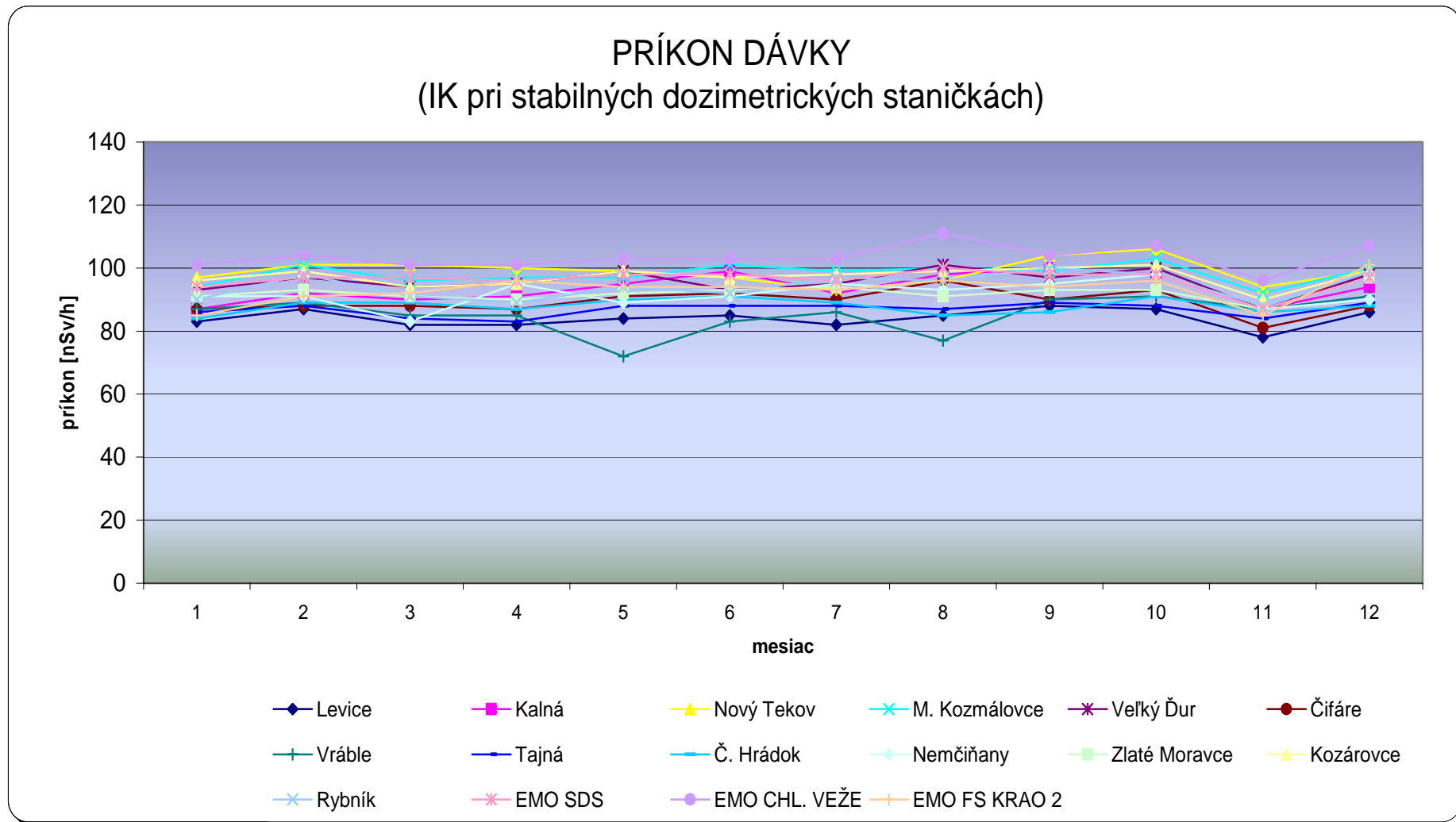


Figure 6 Dose rate at the dosimetry stations measured by IC- 2008

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLÝŇANY

Evid.číslo protokolu	2005/0924		Príkion dávky		α/δ
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁴ Cs	<56,4		<0,03		-
¹³⁷ Cs	5410	± 300	6,34	± 0,35	0,276
⁴⁰ K	587	± 31	24,5	± 1,3	-
U - rad	36,2	± 2,9	17,2	± 0,8	-
Th - rad	40,9	± 6,1	26,2	± 1,0	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0938		2005/0939		2005/0940	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,977		<0,792		<1,04	
¹³⁷ Cs	45,8	± 2,10	41,9	± 1,9	14,3	± 0,70
⁴⁰ K	557	± 27	583	± 27	612	± 29
U - rad	35,2	± 2,4	39,9	± 2,6	41,3	± 2,7
Th - rad	40,6	± 4,5	44,2	± 4,6	45,3	± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0924	74 ± 2
ionizačná komora (RSS - 112)	2005/0949	99 ± 4

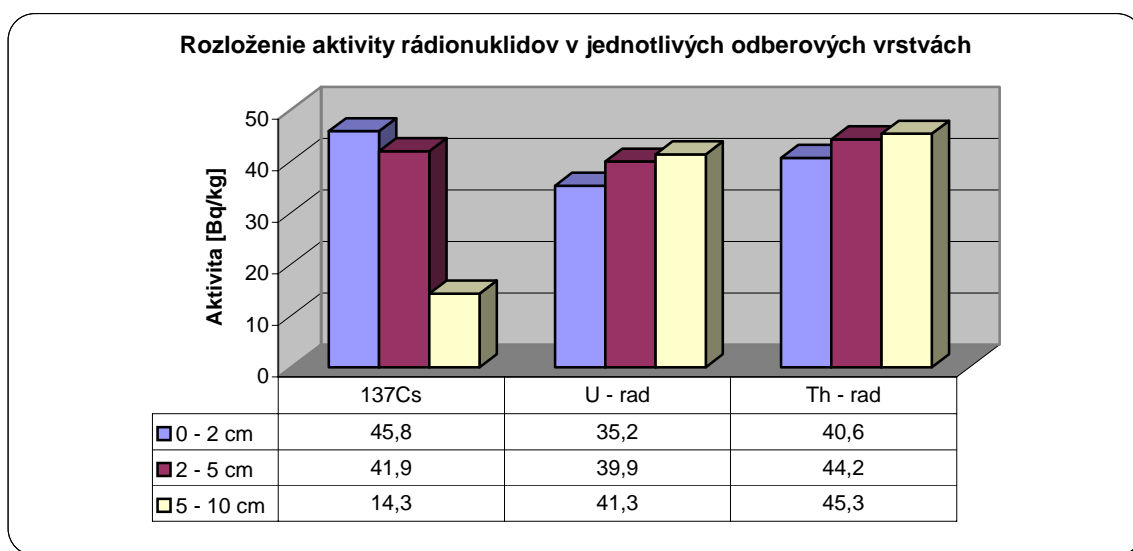


Table 41 IN SITU Tesárske Mlyňany, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLÝŇANY

Evid.číslo protokolu	2005/1657				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkonná dávka [nGy/hod]		α/δ
¹³⁴ Cs	<300		<0,3		*
¹³⁷ Cs	5290 ± 290		6,37 ± 0,35		0,256
⁴⁰ K	591 ± 31		24,6 ± 1,3		*
U - rad	35,6 ± 3,0		16,8 ± 0,8		*
Th - rad	41,0 ± 6,2		25,2 ± 1,0		*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1666	2005/1667	2005/1668
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
¹³⁴ Cs	<0,778	<0,799	<0,851
¹³⁷ Cs	47,3 ± 2,2	41,9 ± 1,9	14,3 ± 0,7
⁴⁰ K	510 ± 24	552 ± 26	598 ± 28
U - rad	32,5 ± 2,2	35,3 ± 2,4	39,6 ± 2,6
Th - rad	38,8 ± 4,3	42,1 ± 4,7	46,3 ± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkonná dávka [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1657	73 ± 2
ionizačná komora (RSS - 112)	2005/1647	99 ± 4

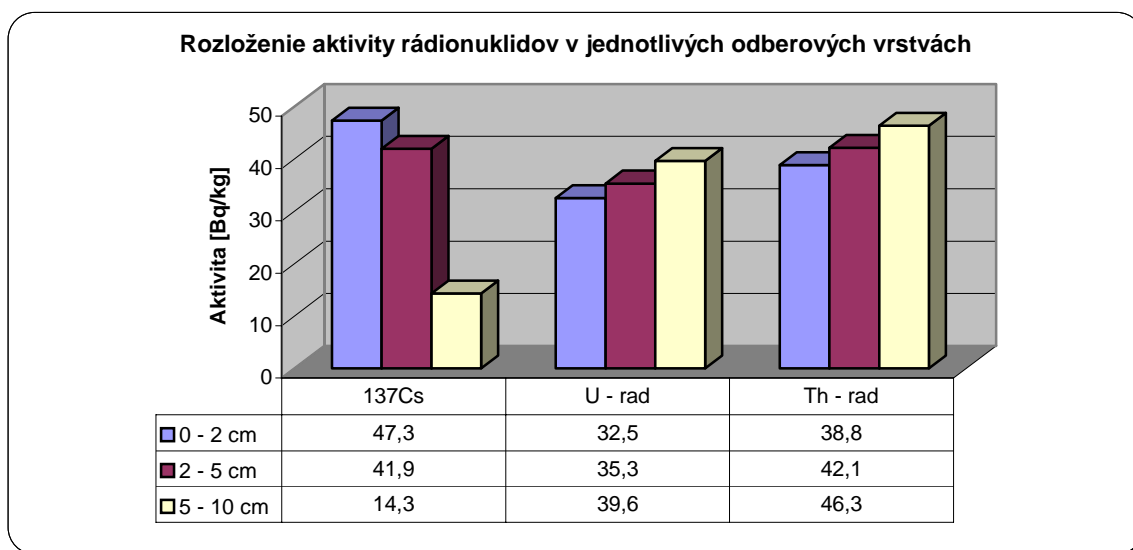


Table 42 IN SITU Tesárske Mlyňany, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2006/1557		Príkion dávky		α/δ
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	4860	± 280	5,59	± 0,32	0,257
⁴⁰ K	586	± 31	24,4	± 1,3	*
U - rad	37,2	± 3,1	18,5	± 0,9	*
Th - rad	40,4	± 6,3	25,1	± 1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1543		2006/1544		2006/1545	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	42,9	± 2,0	43,3	± 2,0	34,7	± 1,6
⁴⁰ K	538	± 25	507	± 24	587	± 28
U - rad	33,8	± 2,3	32,9	± 2,2	39,3	± 2,6
Th - rad	40,6	± 4,3	39,6	± 4,2	46,4	± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1557	74 ± 2
ionizačná komora (RSS - 112)	2006/1553	105 ± 4

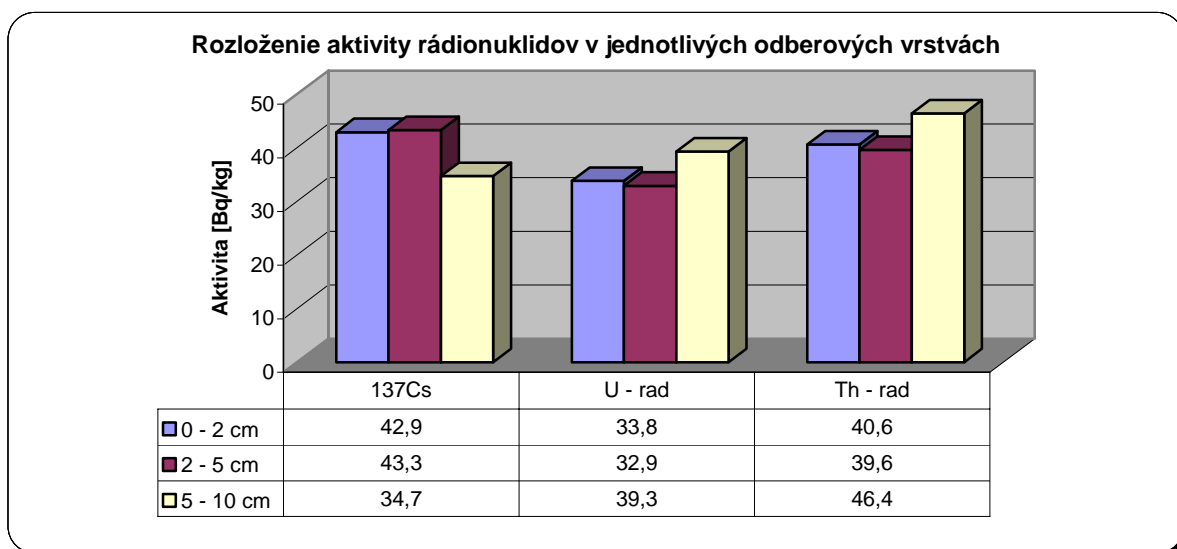


Table 43 IN SITU Tesárske Mlyňany ,2006

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

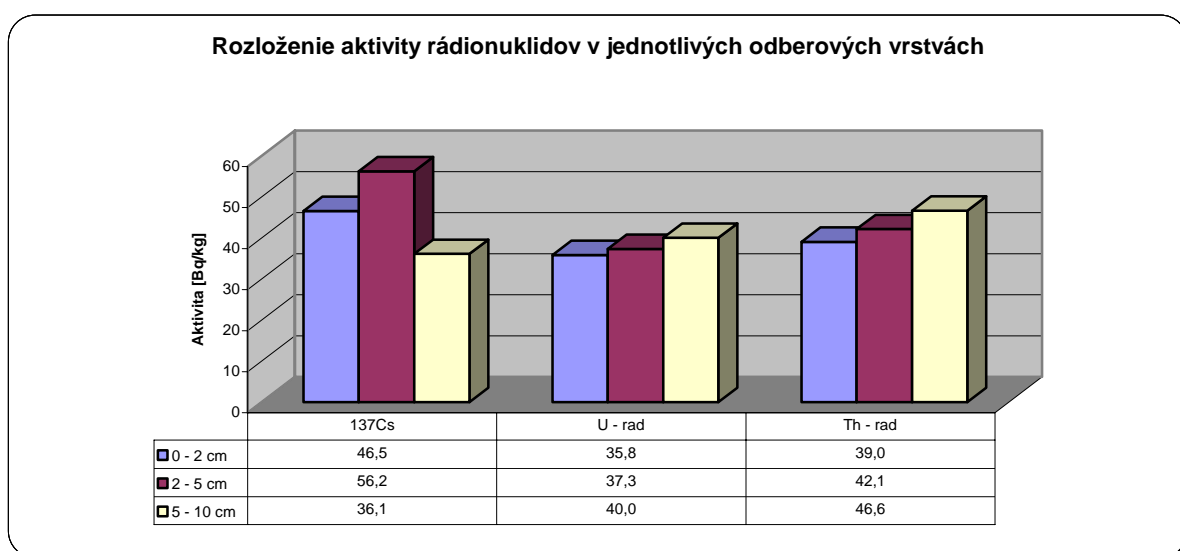
Evid.číslo protokolu	2007/1819				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkonná dávka [nGy/hod]		α/δ
¹³⁷ Cs	4480	± 240	5,21	± 0,28	0,228
⁴⁰ K	562	± 27	23,4	± 1,1	*
U - rad	37,6	± 3,0	17,4	± 1,4	*
Th - rad	39,5	± 4,0	23,9	± 2,4	*

AKTIVITA PŮDY

Evid.číslo protokolu	2007/1833		2007/1834		2007/1835	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	46,5	± 2,2	56,2	± 2,6	36,1	± 1,7
⁴⁰ K	527	± 24	542	± 26	589	± 28
U - rad	35,8	± 2,4	37,3	± 2,5	40,0	± 2,6
Th - rad	39,0	± 4,1	42,1	± 4,4	46,6	± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkonná dávka [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1819	70 ± 3
ionizačná komora (RSS - 112)	2007/1813	99 ± 3



[Table 44 IN SITU Tesárske Mlyňany, 2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2008/2117				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkon dávky [nGy/hod]		α/δ
¹³⁷ Cs	4520	± 500	5,31	± 0,58	0,226
⁴⁰ K	581	± 55	24,2	± 2,3	*
U - rad	36,7	± 6,6	17,8	± 1,9	*
Th - rad	39,9	± 15,2	24,9	± 2,1	*

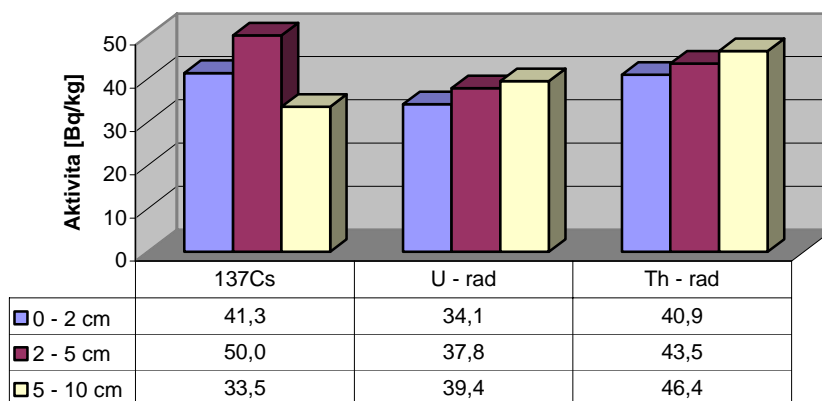
AKTIVITA PŮDY

Evid.číslo protokolu	2008/2118		2008/2119		2008/2120	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	41,3	± 3,2	50,0	± 3,8	33,5	± 2,6
⁴⁰ K	531	± 42	559	± 44	581	± 46
U - rad	34,1	± 3,9	37,8	± 4,2	39,4	± 4,3
Th - rad	40,9	± 8,0	43,5	± 8,0	46,4	± 8,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2117	72 ± 4
ionizačná komora (RSS - 112)	2008/2122	101 ± 4

Rozloženie aktivity rádionuklidov v jednotlivých odberových vrstvách



[Table 45 IN SITU Tesárske Mlyňany, 2008](#)

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2005/0923				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		α/δ
¹³⁴ Cs	<54,0		<0,03		-
¹³⁷ Cs	5760	± 310	7,05	± 0,38	0,248
⁴⁰ K	574	± 30	23,9	± 1,3	-
U - rad	29,5	± 2,5	14,1	± 0,7	-
Th - rad	37,8	± 5,8	23,1	± 1,0	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0935		2005/0936		2005/0937	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,923		<0,729		<1,24	
¹³⁷ Cs	57,2	± 2,60	64,3	± 2,9	34,6	± 1,70
⁴⁰ K	549	± 26	553	± 26	589	± 28
U - rad	29,1	± 2,0	30,8	± 2	35,1	± 2,4
Th - rad	35,7	± 4	38,9	± 4,1	41,6	± 5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0923	68 ± 2
ionizačná komora (RSS - 112)	2005/0948	93 ± 4

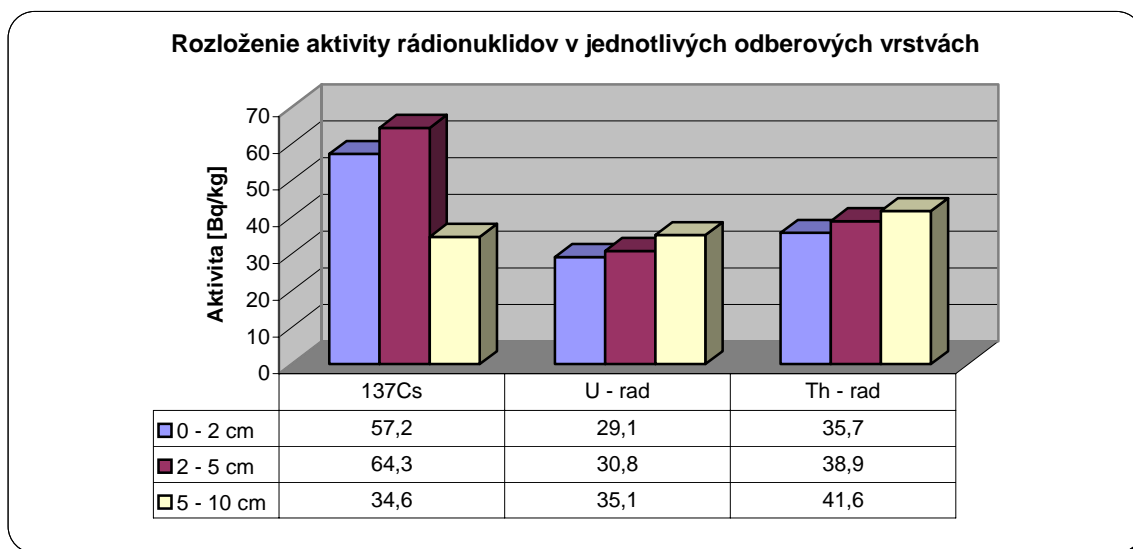


Table 46 IN SITU Vráble, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2005/1658				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		☐☐☐
¹³⁴ Cs	<273		<0,3		*
¹³⁷ Cs	5090 ± 280		6,27 ± 0,35		0,279
⁴⁰ K	583 ± 30		24,3 ± 1,3		*
U - rad	29,9 ± 2,6		14,4 ± 0,7		*
Th - rad	37,2 ± 6,4		22,3 ± 0,9		*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1669		2005/1670		2005/1671	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,753		<0,684		<0,767	
¹³⁷ Cs	48,6 ± 2,2		48,4 ± 2,2		39,2 ± 1,8	
⁴⁰ K	548 ± 26		554 ± 26		548 ± 26	
U - rad	28,7 ± 1,9		30,6 ± 2,0		30,1 ± 2	
Th - rad	36,4 ± 3,9		38,5 ± 4,1		39,3 ± 4,2	

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1658	67 ± 2
ionizačná komora (RSS - 112)	2005/1648	94 ± 4

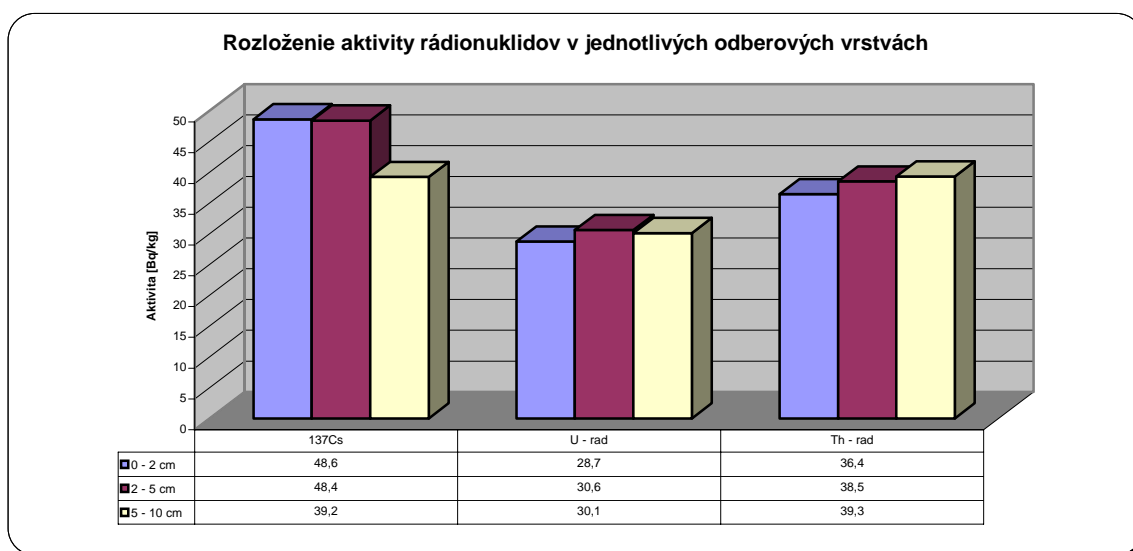


Table 47 IN SITU Vráble, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2006/1555				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkon dávky [nGy/hod]		α/δ
¹³⁷ Cs	4490	± 250	5,41	± 0,31	0,254
⁴⁰ K	561	± 30	23,4	± 1,3	*
U - rad	36,3	± 3,0	18,3	± 0,9	*
Th - rad	33,4	± 5,4	21,0	± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1537		2006/1538		2006/1539	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	43,2	± 2,0	47,0	± 2,1	28,3	± 1,3
⁴⁰ K	497	± 23	494	± 23	576	± 27
U - rad	28,0	± 1,9	29,2	± 1,9	32,5	± 2,1
Th - rad	33,9	± 4,0	34,7	± 3,8	40,8	± 4,3

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1555	68 ± 2
ionizačná komora (RSS - 112)	2006/1551	95 ± 4

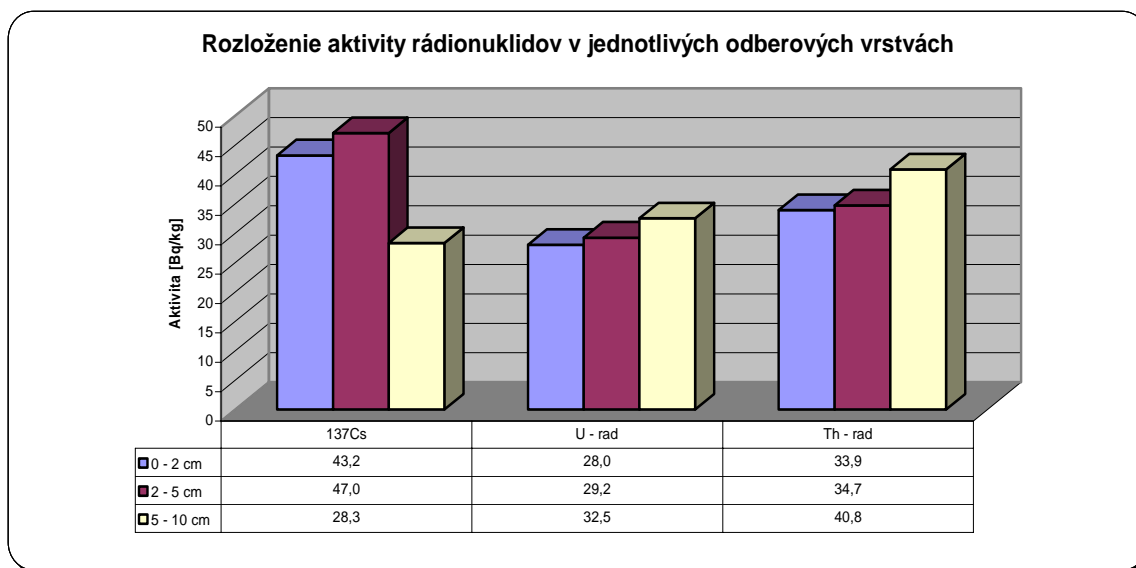


Table 48 IN SITU Vráble, 2006

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU VRÁBLE

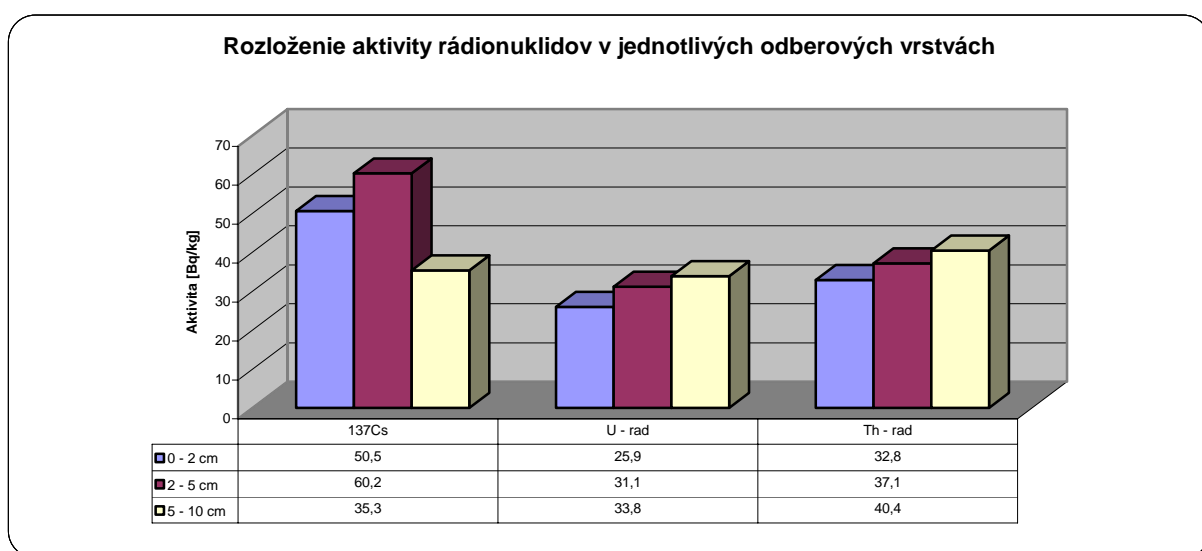
Evid.číslo protokolu	2007/1820				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		α/δ
¹³⁷ Cs	4500	± 260	5,53	± 0,31	0,243
⁴⁰ K	548	± 28	22,9	± 1,2	*
U - rad	33,2	± 3,0	15,3	± 1,4	*
Th - rad	35,8	± 3,9	21,6	± 2,4	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1836		2007/1837		2007/1838	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	50,5	± 2,4	60,2	± 2,7	35,3	± 1,6
⁴⁰ K	505	± 25	537	± 25	578	± 27
U - rad	25,9	± 1,8	31,1	± 2,1	33,8	± 2,2
Th - rad	32,8	± 3,7	37,1	± 4,0	40,4	± 4,3

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1820	65 ± 3
ionizačná komora (RSS - 112)	2007/1814	92 ± 6



[Table 49 IN SITU Vráble, 2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU VRÁBLE

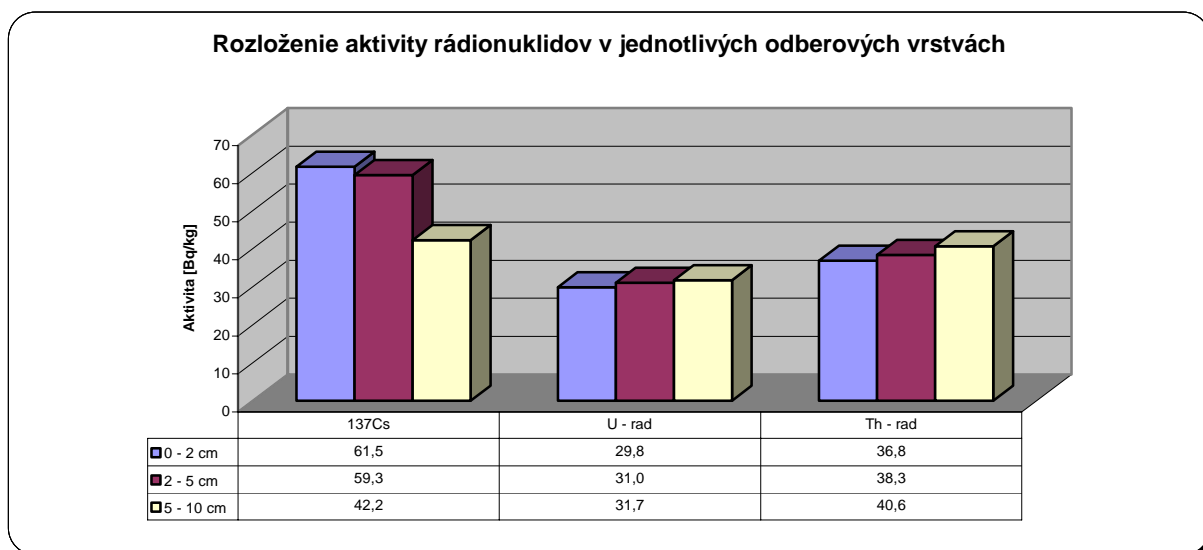
Evid.číslo protokolu	2008/2111				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkonná dávka [nGy/hod]		α/δ
¹³⁷ Cs	4220	± 450	5,12	± 0,55	0,277
⁴⁰ K	564	± 53	23,5	± 2,2	*
U - rad	29,3	± 5,2	14,6	± 1,5	*
Th - rad	31,8	± 12,2	21,1	± 1,9	*

AKTIVITA PŮDY

Evid.číslo protokolu	2008/2112		2008/2113		2008/2114	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	61,5	± 4,6	59,3	± 4,5	42,2	± 3,2
⁴⁰ K	539	± 43	523	± 42	560	± 44
U - rad	29,8	± 3,4	31,0	± 3,5	31,7	± 3,5
Th - rad	36,8	± 7,0	38,3	± 7,3	40,6	± 7,7

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkonná dávka [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2111	64 ± 3
ionizačná komora (RSS - 112)	2008/2116	91 ± 4



[Table 50 IN SITU Vráble, 2008](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2005/0922				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		α/δ
¹³⁴ Cs	<50,4		<0,03		-
¹³⁷ Cs	755	± 103	0,99	± 0,135	0,299
⁴⁰ K	589	± 31	24,6	± 1,3	-
U - rad	32,5	± 2,8	14,6	± 0,8	-
Th - rad	32,3	± 5,3	20,7	± 1	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0932		2005/0933		2005/0934	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,714		<0,710		<1,17	
¹³⁷ Cs	6,37	± 0,33	6,08	± 0,31	5,75	± 0,45
⁴⁰ K	556	± 26	554	± 26	527	± 26
U - rad	33,3	± 2,2	32,3	± 2,1	33,9	± 2,4
Th - rad	32,9	± 3,7	34,2	± 3,6	34,8	± 4,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0922	61 ± 2
ionizačná komora (RSS - 112)	2005/0947	87 ± 4

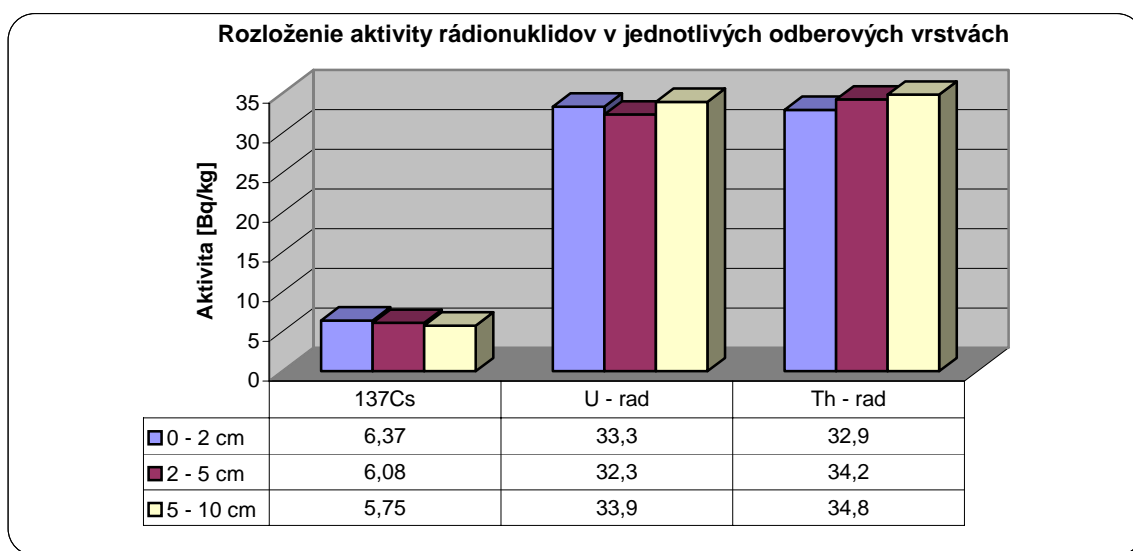


Table 51 IN SITU Tekovský Hrádok, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2005/1655		Príkion dávky		α/δ
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁴ Cs	<261		<0,3		*
¹³⁷ Cs	1410	± 110	1,80	± 0,15	0,276
⁴⁰ K	520	± 27	21,7	± 1,1	*
U - rad	32,5	± 2,8	15,3	± 0,8	*
Th - rad	30,6	± 5,9	19,2	± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1660		2005/1661		2005/1662	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,631		<0,704		<0,708	
¹³⁷ Cs	11,8	± 0,6	12,8	± 0,6	12,6	± 0,6
⁴⁰ K	512	± 24	503	± 24	502	± 24
U - rad	30,1	± 2,0	29,2	± 2,0	30,0	± 2,0
Th - rad	30,8	± 3,4	30,5	± 3,4	31,1	± 3,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1655	58 ± 2
ionizačná komora (RSS - 112)	2005/1645	80 ± 3

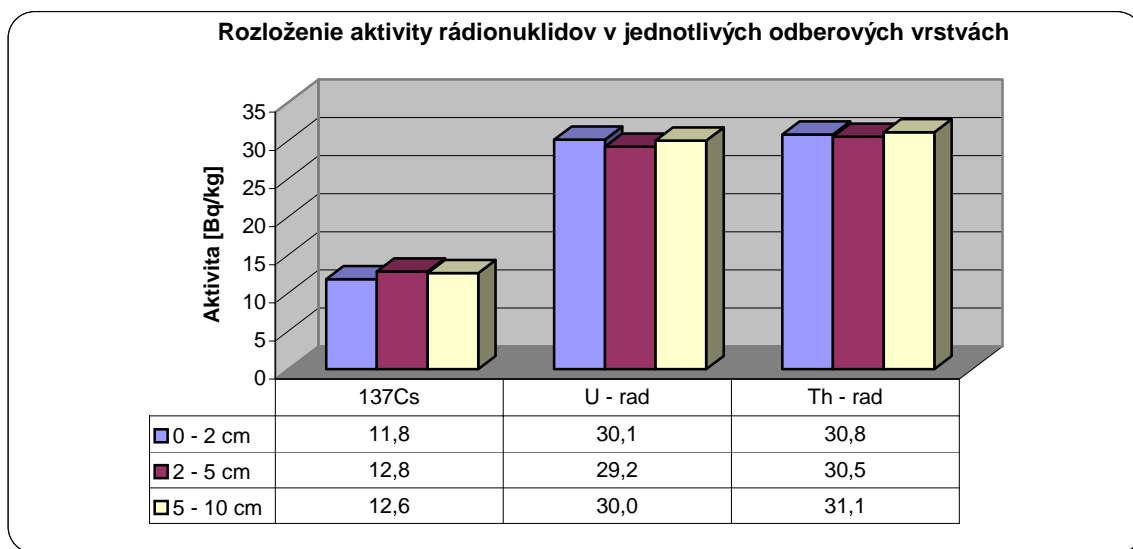


Table 52 IN SITU Tekovský Hrádok, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2006/1556		Príkon dávky		α/δ
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	1910	± 130	2,49	± 0,18	0,305
⁴⁰ K	573	± 30	23,9	± 1,3	*
U - rad	40,7	± 3,3	19,0	± 0,9	*
Th - rad	41,0	± 6,8	25,0	± 1,0	*

AKTIVITA PŮDY

Evid.číslo protokolu	2006/1540		2006/1541		2006/1542	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	30,9	± 1,4	29,1	± 1,4	10,9	± 0,5
⁴⁰ K	465	± 22	467	± 22	602	± 28
U - rad	29,6	± 2,0	29,3	± 1,9	39,6	± 2,6
Th - rad	33,5	± 3,6	34,7	± 3,8	44,0	± 4,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1556	70 ± 2
ionizačná komora (RSS - 112)	2006/1552	97 ± 4

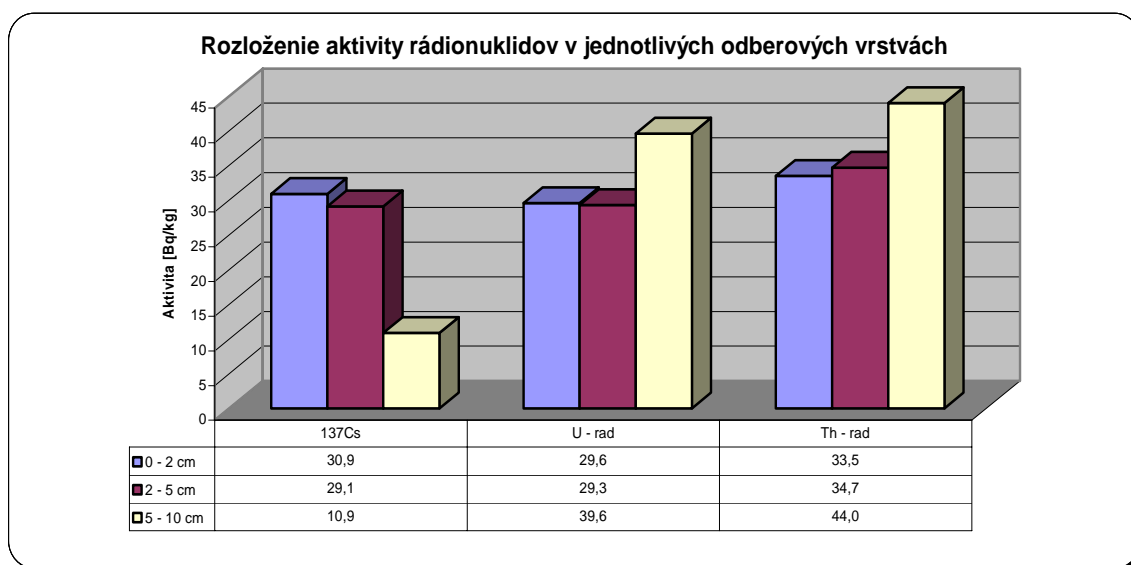


Table 53 IN SITU Tekovský Hrádok, 2006

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

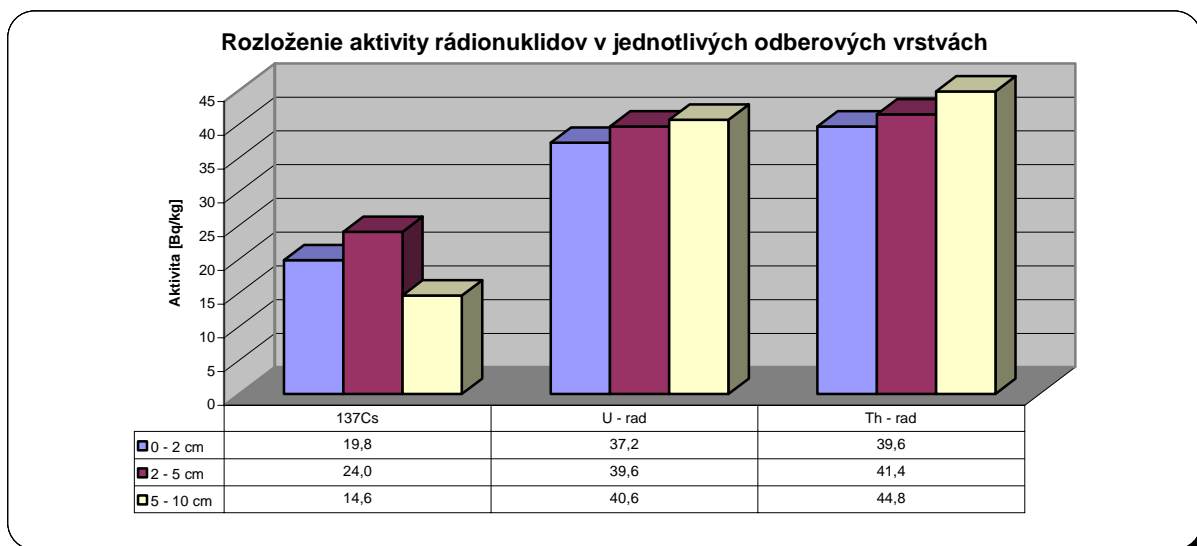
Evid.číslo protokolu	2007/1817				
Rádionuklid	Aktivita		Príkion dávky		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	1620	± 150	2,06	± 0,19	0,248
⁴⁰ K	576	± 28	24,0	± 1,2	*
U - rad	40,8	± 3,4	18,8	± 1,6	*
Th - rad	41,5	± 4,7	25,1	± 2,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1827		2007/1828		2007/1829	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	19,8	± 0,9	24,0	± 1,2	14,6	± 0,7
⁴⁰ K	546	± 26	574	± 27	590	± 28
U - rad	37,2	± 2,5	39,6	± 2,6	40,6	± 2,6
Th - rad	39,6	± 4,7	41,4	± 4,4	44,8	± 4,8

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1817	70 ± 3
ionizačná komora (RSS - 112)	2007/1811	96 ± 6



[Table 54 IN SITU Tekovský Hrádok, 2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

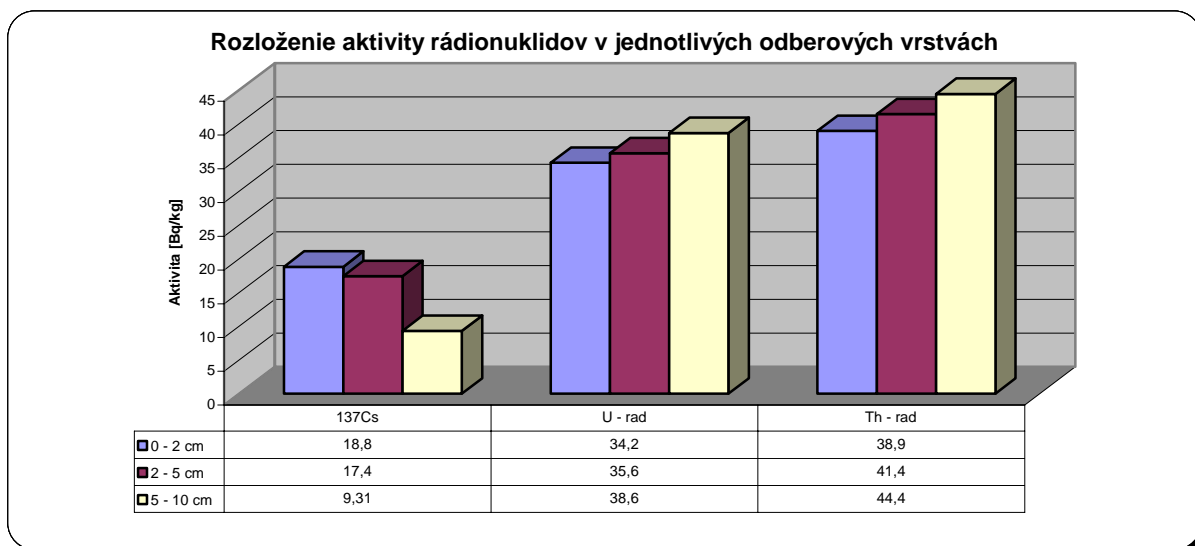
Evid.číslo protokolu	2008/2123				
Rádionuklid	Aktivita		Príkion dávky		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	1480	± 260	1,91	± 0,33	0,304
⁴⁰ K	574	± 54	23,9	± 2,2	*
U - rad	44,0	± 6,6	21,4	± 1,9	*
Th - rad	40,6	± 14,1	24,7	± 2,1	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2124		2008/2125		2008/2126	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	18,8	± 1,6	17,4	± 1,5	9,31	± 0,88
⁴⁰ K	536	± 42	555	± 44	601	± 48
U - rad	34,2	± 3,8	35,6	± 3,9	38,6	± 4,2
Th - rad	38,9	± 7,3	41,4	± 8,0	44,4	± 8,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2123	72 ± 4
ionizačná komora (RSS - 112)	2008/2128	98 ± 4



[Table 55 IN SITU Tekovský Hrádok, 2008](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2005/0925				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		α/δ
¹³⁴ Cs	<52,4		<0,03		-
¹³⁷ Cs	5140	± 280	6,47	± 0,36	0,258
⁴⁰ K	569	± 30	23,7	± 1,2	-
U - rad	37,5	± 3,1	17,1	± 0,8	-
Th - rad	33,3	± 5,9	21,1	± 0,9	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0941		2005/0942		2005/0943	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<1,12		<0,688		<0,894	
¹³⁷ Cs	44,4	± 2,10	49,3	± 2,3	33,2	± 1,60
⁴⁰ K	533	± 26	536	± 25	539	± 26
U - rad	29,2	± 2,1	30,5	± 2	32,9	± 2,2
Th - rad	29,1	± 3,7	31,6	± 3,4	31,1	± 3,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0925	68 ± 2
ionizačná komora (RSS - 112)	2005/0950	89 ± 4

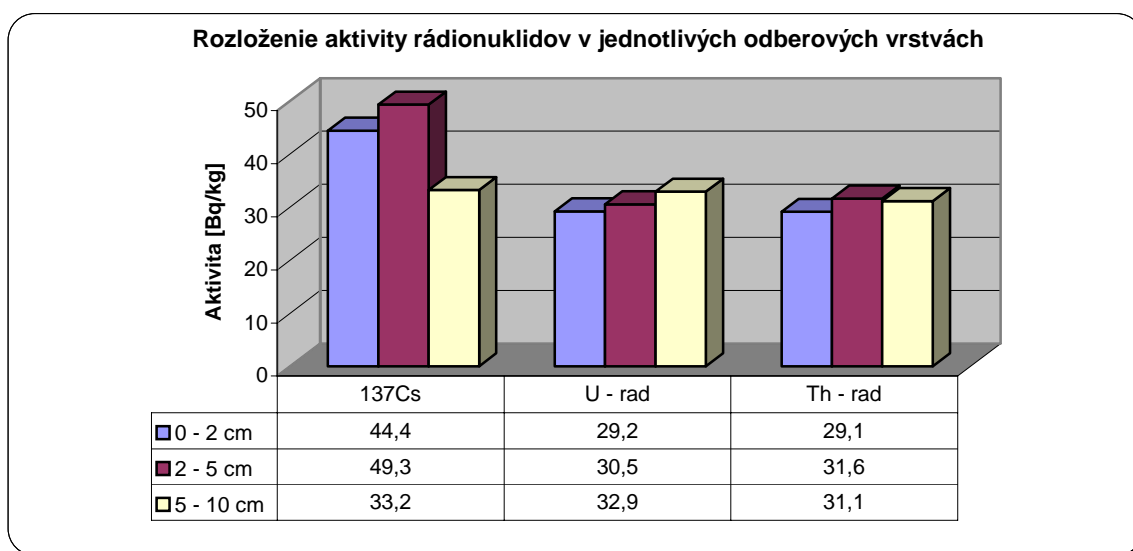


Table 56 IN SITU Nový Tekov, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2005/1656				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkon dávky [nGy/hod]		α/δ
¹³⁴ Cs	<252		<0,3		*
¹³⁷ Cs	4900 ± 280		6,27 ± 0,36		0,276
⁴⁰ K	553 ± 29		23,1 ± 1,2		*
U - rad	31,6 ± 2,8		14,6 ± 0,8		*
Th - rad	33,8 ± 5,8		20,3 ± 0,9		*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1663	2005/1664	2005/1665
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
¹³⁴ Cs	<0,710	<0,708	<0,729
¹³⁷ Cs	44,7 ± 2,1	46,1 ± 2,1	32,3 ± 1,5
⁴⁰ K	517 ± 24	510 ± 24	525 ± 25
U - rad	30,4 ± 2,0	32,8 ± 2,2	32,6 ± 2,2
Th - rad	31,1 ± 3,5	29,9 ± 3,4	31,1 ± 3,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1656	64 ± 2
ionizačná komora (RSS - 112)	2005/1646	92 ± 4

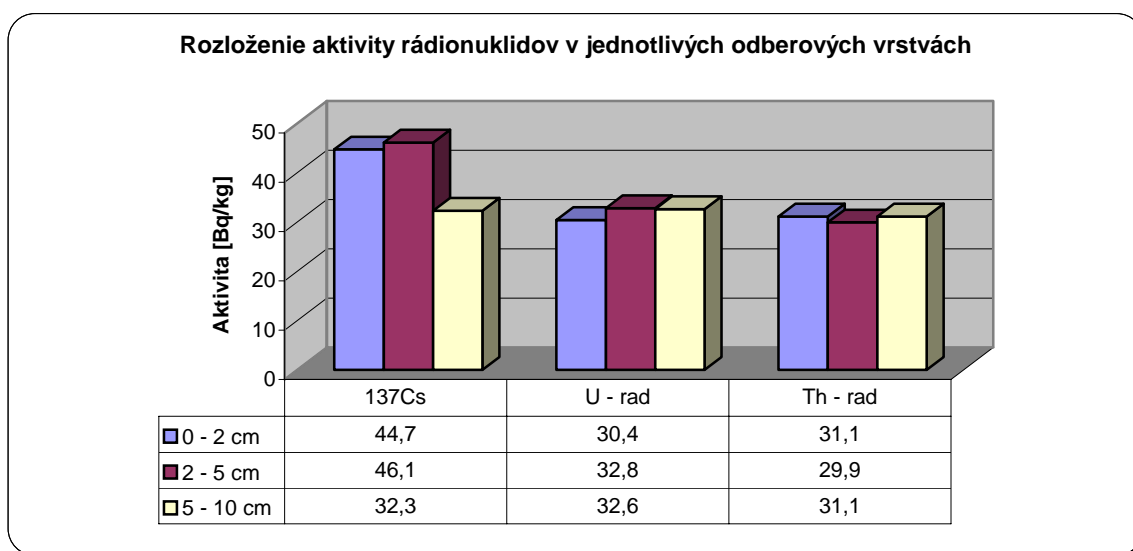


Table 57 IN SITU Nový Tekov, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2006/1568				
Rádionuklid	Aktivita		Príkon dávky		α/δ
	[Bq/m ²]	resp. [Bq/kg]	[nGy/hod]		
¹³⁷ Cs	4820	± 260	5,96	± 0,33	0,280
⁴⁰ K	533	± 28	22,2	± 1,2	*
U - rad	30,4	± 2,6	14,7	± 0,7	*
Th - rad	30,5	± 4,9	19,0	± 0,8	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1570		2006/1571		2006/1572	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	44,4	± 2,0	43,7	± 2,0	35,6	± 1,6
⁴⁰ K	485	± 23	460	± 22	534	± 25
U - rad	27,6	± 1,8	25,9	± 1,7	31,5	± 2,1
Th - rad	28,2	± 3,1	27,2	± 3,1	32,5	± 3,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1568	62 ± 2
ionizačná komora (RSS - 112)	2006/1573	95 ± 3

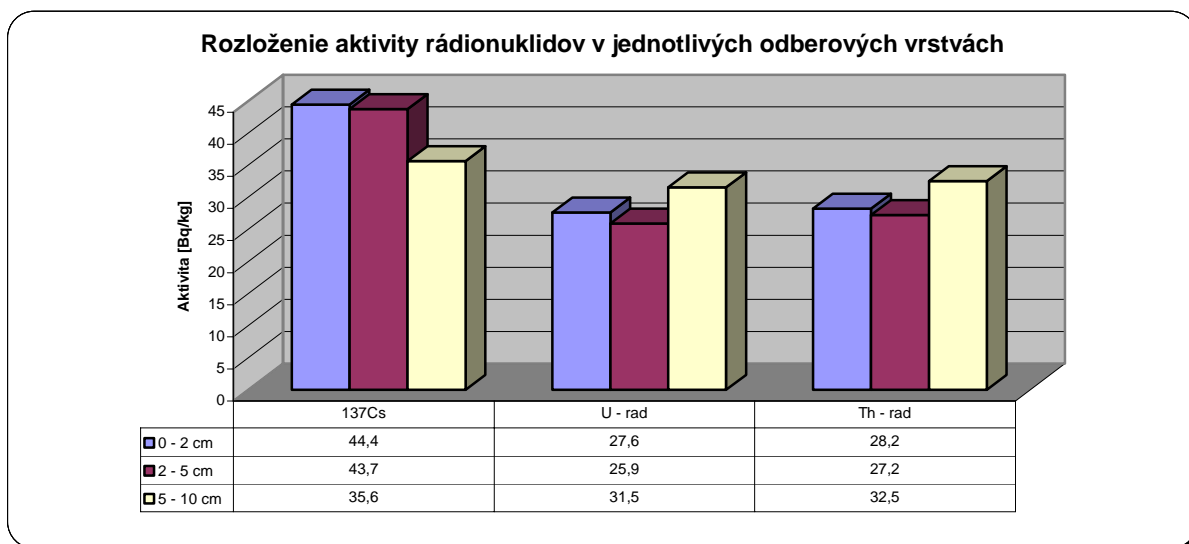


Table 58 IN SITU Nový Tekov, 2006

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

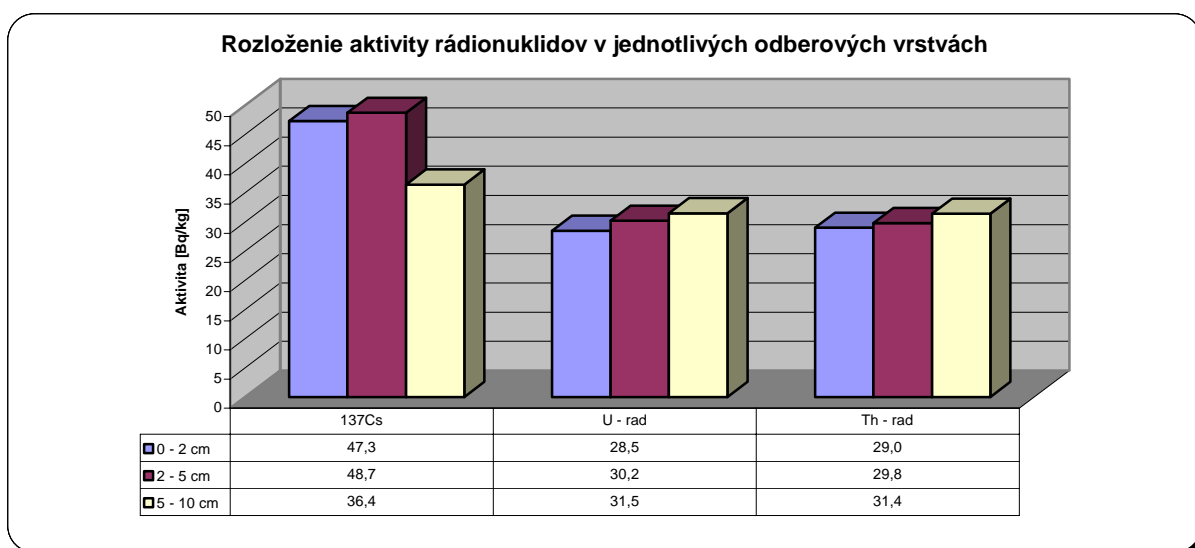
Evid.číslo protokolu	2007/1818				
Rádionuklid	Aktivita		Príkon dávky		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	4600	± 250	5,69	± 0,31	0,270
⁴⁰ K	517	± 25	21,6	± 1,0	*
U - rad	35,4	± 3,1	16,4	± 1,4	*
Th - rad	30,8	± 3,7	18,6	± 2,2	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1830		2007/1831		2007/1832	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	47,3	± 2,2	48,7	± 2,2	36,4	± 1,7
⁴⁰ K	503	± 24	508	± 24	556	± 26
U - rad	28,5	± 1,9	30,2	± 2,0	31,5	± 2,1
Th - rad	29,0	± 3,0	29,8	± 3,2	31,4	± 3,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1818	62 ± 3
ionizačná komora (RSS - 112)	2007/1812	90 ± 4



[Table 59 IN SITU Nový Tekov, 2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2005/0926				
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		Príkion dávky [nGy/hod]		α/δ
¹³⁴ Cs	<55,2		<0,03		*
¹³⁷ Cs	208	± 82	0,249	± 0,098	0,264
⁴⁰ K	597	± 31	24,9	± 1,3	*
U - rad	35,1	± 2,8	17,0	± 0,8	*
Th - rad	37,9	± 5,8	24,0	± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0944		2005/0945		2005/0946	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<1,21		<0,77		<1,30	
¹³⁷ Cs	3,17	± 0,40	3,17	± 0,28	1,91	± 0,20
⁴⁰ K	523	± 25	597	± 28	614	± 30
U - rad	31,2	± 2,2	35,6	± 2,3	36,4	± 2,5
Th - rad	37,6	± 4,4	43,9	± 4,5	44,2	± 5,1

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0926	66 ± 2
ionizačná komora (RSS - 112)	2005/0951	105 ± 3

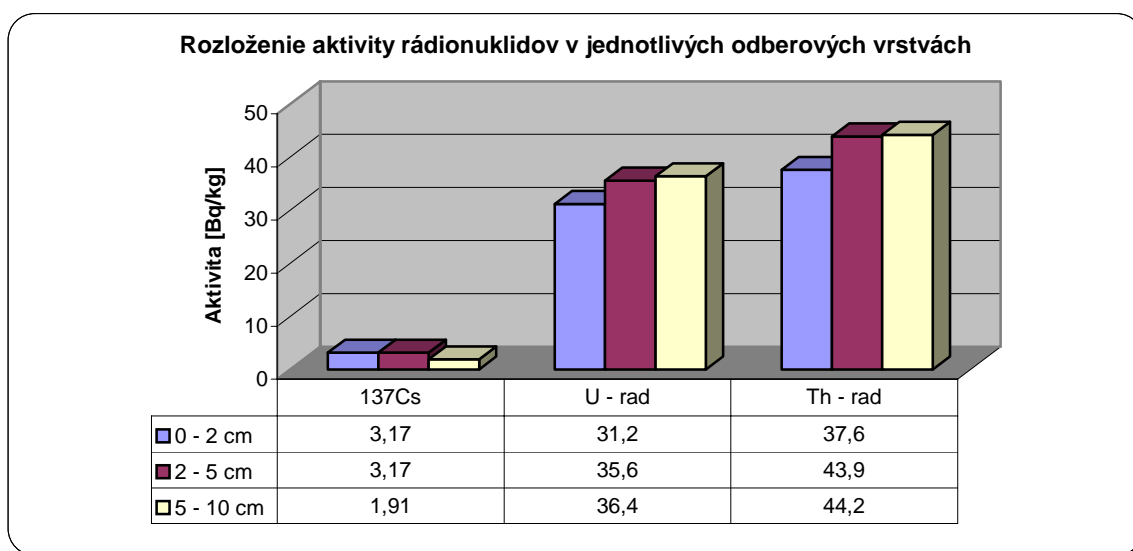


Table 60 IN SITU EMO, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2005/1659		Príkion dávky		α/δ
Rádionuklid	Aktivita [Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁴ Cs	<270		<0,3		*
¹³⁷ Cs	400	± 75	0,482	± 0,091	0,216
⁴⁰ K	605	± 31	25,2	± 1,3	*
U - rad	32,3	± 2,8	15,5	± 0,8	*
Th - rad	38,4	± 6,3	24,2	± 1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1672		2005/1673		2005/1674	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁴ Cs	<0,775		<0,805		<0,721	
¹³⁷ Cs	3,20	± 0,29	4,24	± 0,24	1,93	± 0,13
⁴⁰ K	574	± 27	585	± 28	608	± 28
U - rad	35,4	± 2,3	39,1	± 2,6	36,2	± 2,4
Th - rad	41,4	± 4,4	43,9	± 4,6	43,1	± 4,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1659	65 ± 2
ionizačná komora (RSS - 112)	2005/1649	104 ± 4

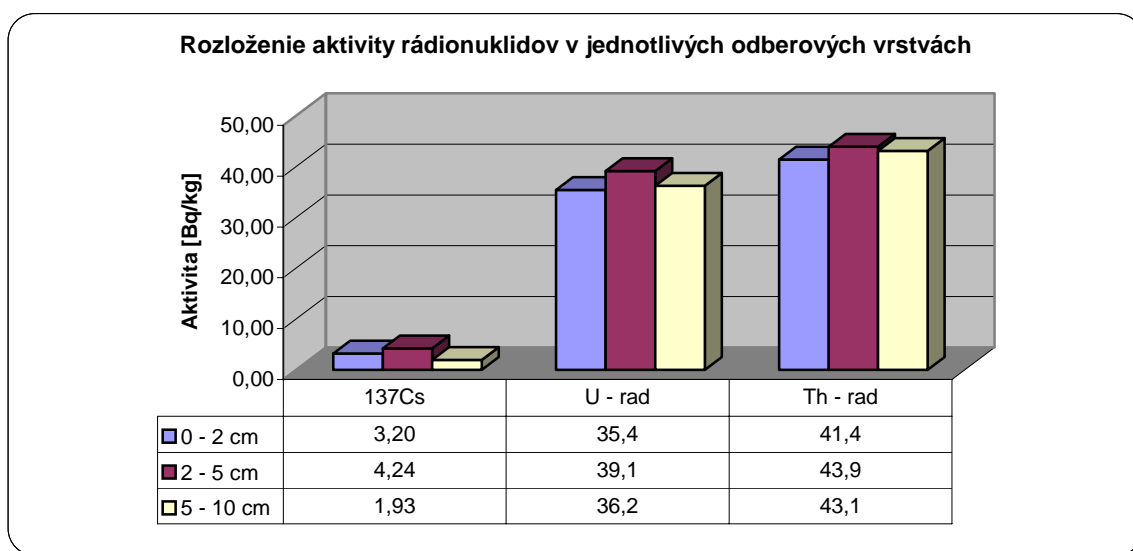


Table 61 IN SITU EMO, 2005

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2006/1554				
Rádionuklid	Aktivita		Príkon dávky		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	339	± 39	0,399	± 0,046	0,296
⁴⁰ K	581	± 30	24,2	± 1,3	*
U - rad	33,1	± 2,7	16,1	± 0,8	*
Th - rad	38,6	± 6,2	23,0	± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1534		2006/1535		2006/1536	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	3,51	± 0,21	2,99	± 0,17	2,77	± 0,18
⁴⁰ K	529	± 25	496	± 23	596	± 28
U - rad	32,1	± 2,3	29,0	± 1,9	36,3	± 2,4
Th - rad	39,4	± 4,2	37,2	± 3,9	44,1	± 4,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1554	64 ± 2
ionizačná komora (RSS - 112)	2006/1550	110 ± 4

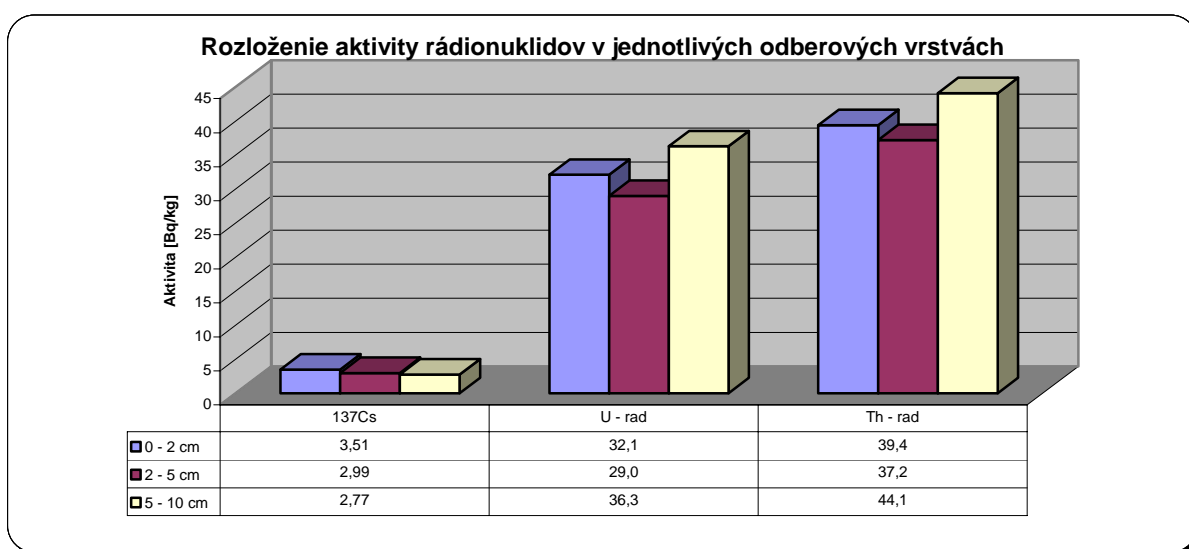


Table 62 IN SITU EMO, 2006

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU AREÁL EMO

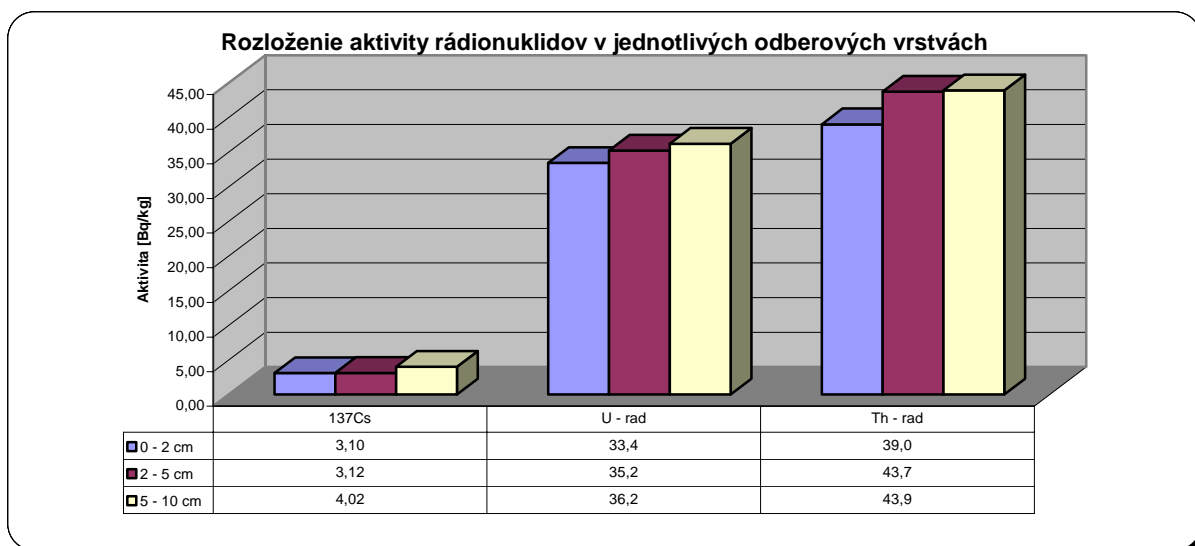
Evid.číslo protokolu	2007/1821				
Rádionuklid	Aktivita		Príkonná dávka		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	284	± 81	0,328	± 0,094	0,259
⁴⁰ K	576	± 27	24,0	± 1,1	*
U - rad	34,6	± 2,8	16,0	± 1,3	*
Th - rad	33,8	± 3,7	20,4	± 2,2	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1839		2007/1840		2007/1841	
Oberovú vrstvu	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	3,10	± 0,19	3,12	± 0,25	4,02	± 0,23
⁴⁰ K	539	± 26	577	± 27	576	± 27
U - rad	33,4	± 2,3	35,2	± 2,3	36,2	± 2,4
Th - rad	39,0	± 4,3	43,7	± 4,6	43,9	± 4,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkonná dávka [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1821	61 ± 3
ionizačná komora (RSS - 112)	2007/1815	106 ± 4



[Table 63 IN SITU Areál EMO, 2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

IN SITU AREÁL EMO

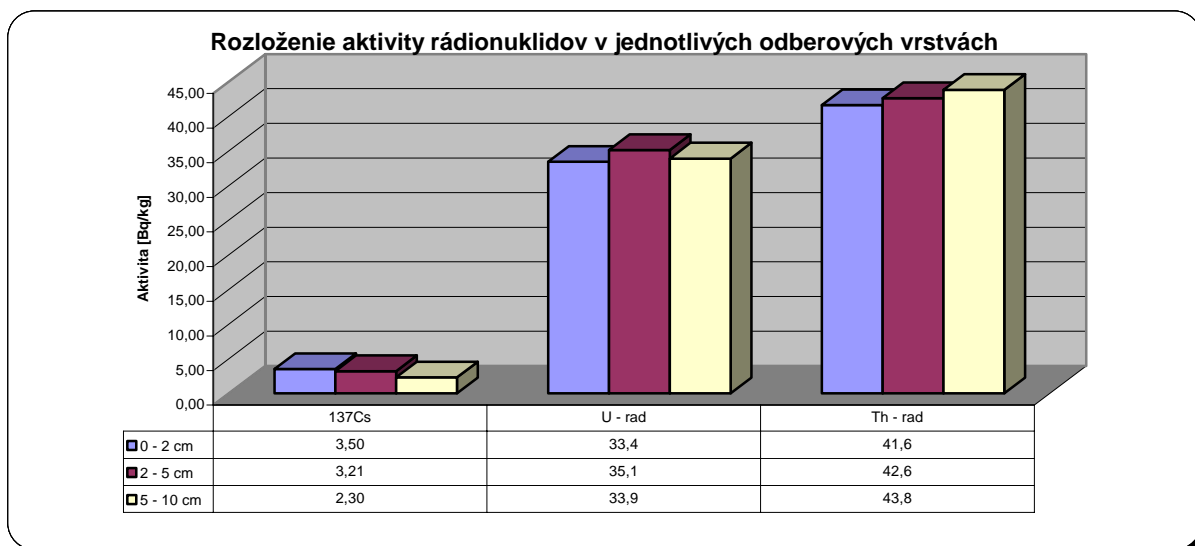
Evid.číslo protokolu	2008/2129				
Rádionuklid	Aktivita		Príkion dávky		α/δ
	[Bq/m ²] resp. [Bq/kg]		[nGy/hod]		
¹³⁷ Cs	432	± 96	0,510	± 0,114	0,277
⁴⁰ K	568	± 52	23,7	± 2,2	*
U - rad	37,2	± 6,9	18,6	± 1,7	*
Th - rad	36,3	± 11,9	23,7	± 2,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2130		2008/2131		2008/2132	
Odberové vrstvy	0 - 2 cm		2 - 5 cm		5 - 10 cm	
Aktivita	[Bq/kg]					
¹³⁷ Cs	3,50	± 0,37	3,21	± 0,35	2,30	± 0,30
⁴⁰ K	565	± 45	571	± 45	574	± 45
U - rad	33,4	± 3,7	35,1	± 3,9	33,9	± 3,8
Th - rad	41,6	± 7,7	42,6	± 8,0	43,8	± 7,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkion dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2129	67 ± 3
ionizačná komora (RSS - 112)	2008/2134	110 ± 4



[Table 64 IN SITU EMO, 2008](#)

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Ra-nuklid Evid.č.prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.	1.	2005/0680	<0,946	4,76 ± 0,34	552 ± 35	28,8 ± 2,6	33,8 ± 4,7
	2.	2005/1982	<0,770	4,96 ± 0,34	506 ± 24	29,6 ± 2,0	35,7 ± 4,0
N.Tekov	1.	2005/0685	<0,991	10,0 ± 0,7	621 ± 39	33,1 ± 2,9	34,3 ± 4,7
	2.	2005/1987	<1,27	10,7 ± 0,7	585 ± 28	34,5 ± 2,5	39,0 ± 5,1
M.Kozmálovce	1.	2005/0684	<1,01	9,65 ± 0,63	608 ± 38	30,4 ± 2,7	34,7 ± 4,9
	2.	2005/1986	<1,02	8,62 ± 0,52	587 ± 28	34,2 ± 2,4	40,9 ± 4,6
Nemčiňany	1.	2005/0683	<1,06	14,5 ± 0,9	596 ± 37	35,4 ± 3,1	37,3 ± 5,2
	2.	2005/1985	<1,03	15,0 ± 0,9	561 ± 27	37,5 ± 2,6	42,0 ± 4,9
Č.Hrádok	1.	2005/0682	<0,994	53,6 ± 3,3	583 ± 37	25,8 ± 2,3	32,1 ± 4,5
	2.	2005/1984	<1,22	56,5 ± 2,7	572 ± 28	27,1 ± 2,0	36,0 ± 4,6
V.Đur	1.	2005/0681	<1,04	9,72 ± 0,63	585 ± 37	35,4 ± 3,2	36,7 ± 5,1
	2.	2005/1983	<1,33	11,6 ± 0,8	559 ± 27	35,5 ± 2,5	39,1 ± 4,9

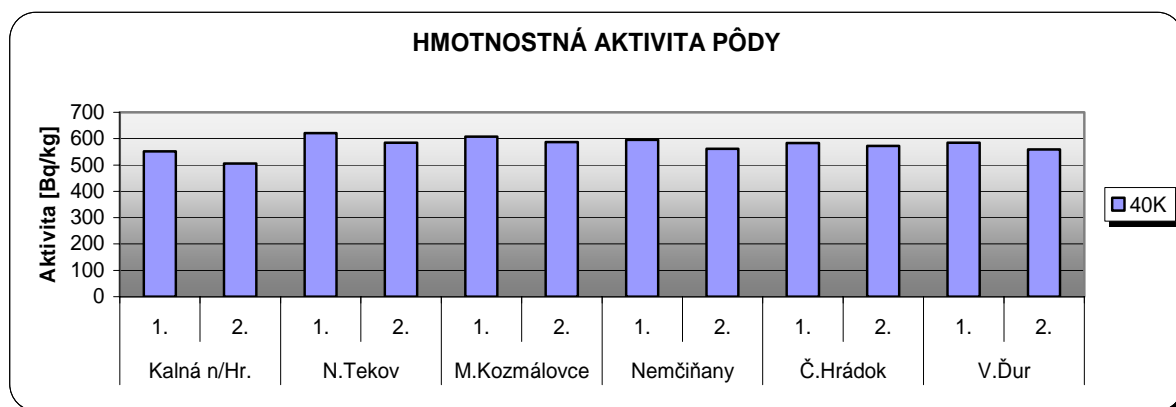
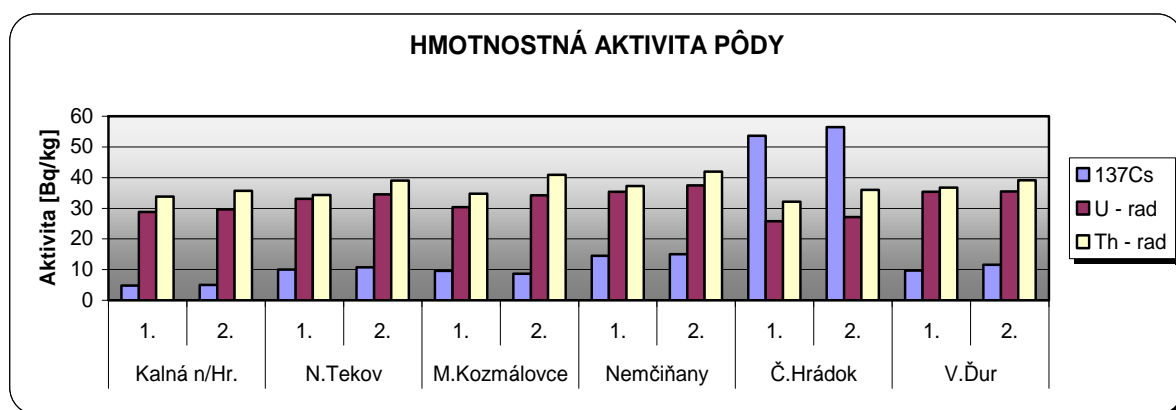


Table 65 Soil specific activity (gamma spectrometry), 2005

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid Evid.č.prot.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.	1.	2006/0522	4,62 ± 0,24	563 ± 26	31,6 ± 2,1	39,5 ± 4,1
	2.	2006/1759	5,38 ± 0,29	561 ± 26	37,1 ± 2,5	42,7 ± 4,6
Nový Tekov	1.	2006/0525	13,0 ± 0,6	626 ± 29	36,1 ± 2,4	42,6 ± 4,5
	2.	2006/1762	10,3 ± 0,5	633 ± 30	39,0 ± 2,6	43,3 ± 4,6
Malé Kozmálovce	1.	2006/0524	13,8 ± 0,7	640 ± 30	35,8 ± 2,4	43,8 ± 4,6
	2.	2006/1761	10,5 ± 0,5	638 ± 30	39,0 ± 2,6	45,0 ± 4,8
V.Ďúr	1.	2006/0523	12,7 ± 0,6	608 ± 29	40,2 ± 2,6	43,3 ± 4,5
	2.	2006/1760	10,7 ± 0,5	596 ± 28	40,0 ± 2,6	41,2 ± 4,3

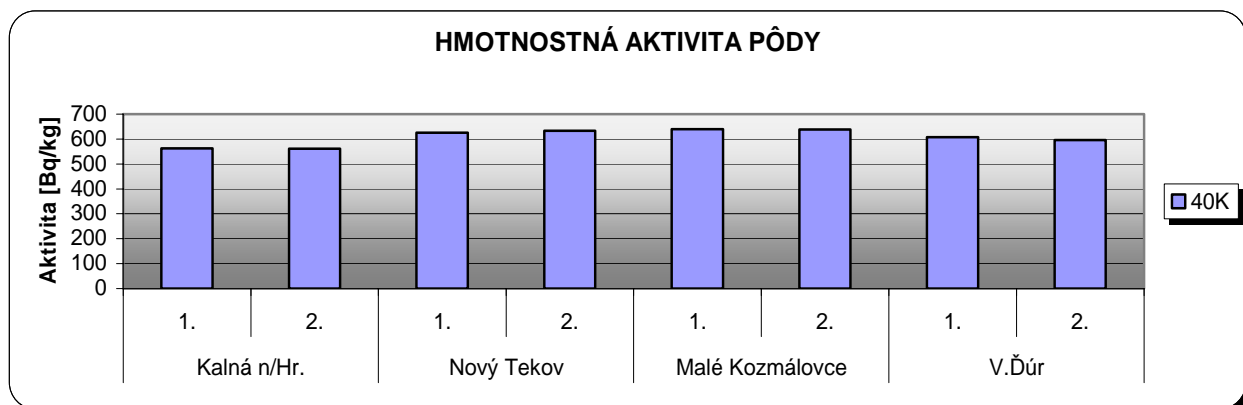
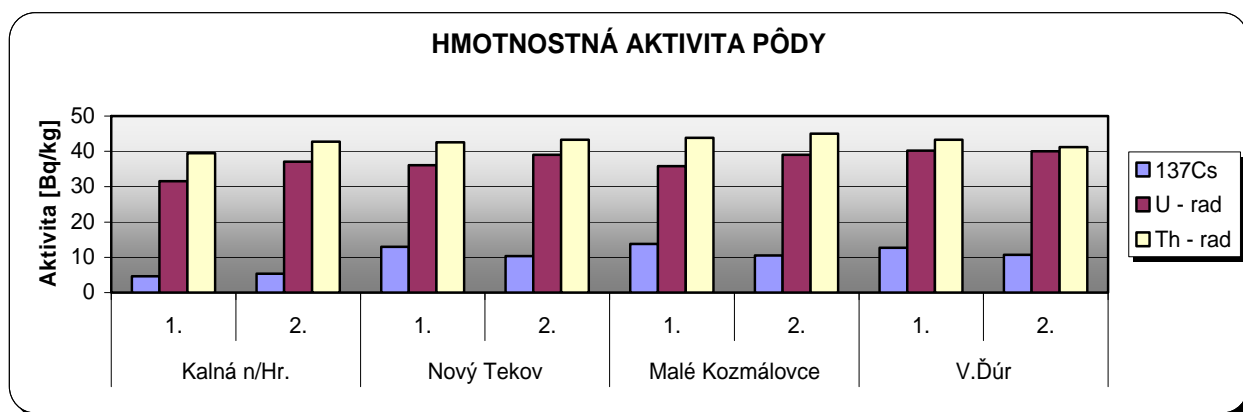
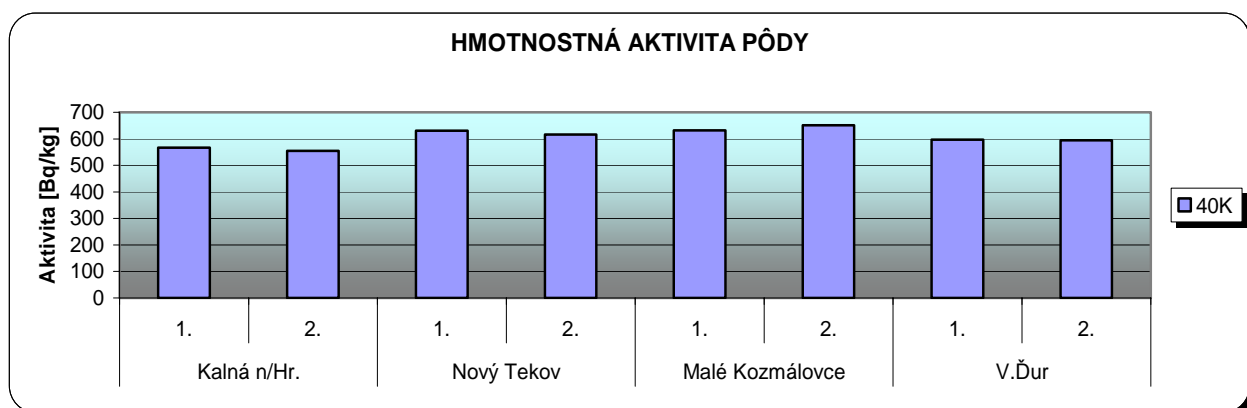
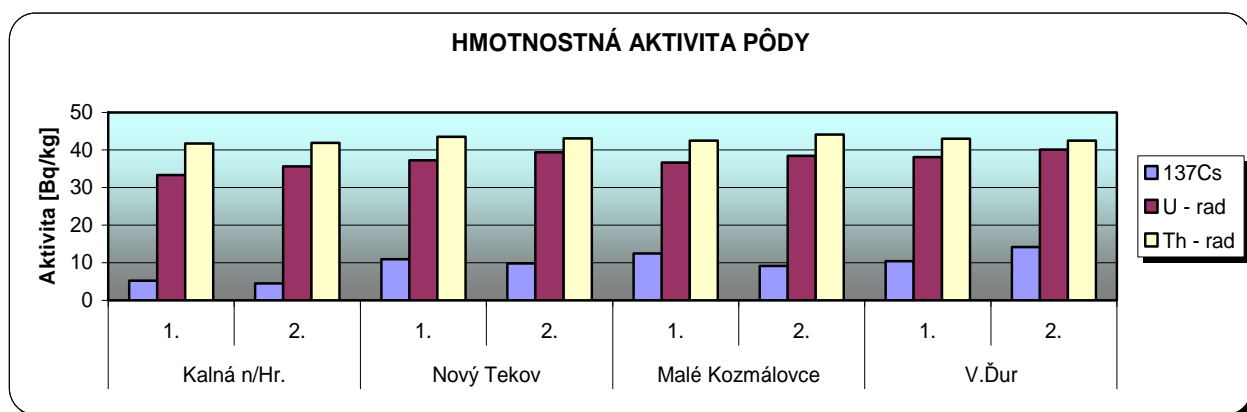


Table 66 Soil specific activity (gamma spectrometry) ,2006

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid Evid.č.prot.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.	1.	2007/0283	5,23 ± 0,39	567 ± 32	33,3 ± 2,7	41,7 ± 5,2
	2.	2007/1917	4,56 ± 0,30	555 ± 25	35,6 ± 2,4	41,9 ± 4,5
Nový Tekov	1.	2007/0286	10,9 ± 0,7	631 ± 36	37,3 ± 3,0	43,5 ± 5,5
	2.	2007/1920	9,85 ± 0,48	616 ± 29	39,4 ± 2,6	43,1 ± 4,5
Malé Kozmálovce	1.	2007/0285	12,5 ± 0,8	632 ± 36	36,7 ± 2,9	42,5 ± 5,2
	2.	2007/1919	9,13 ± 0,51	651 ± 31	38,5 ± 2,5	44,1 ± 4,6
V.Ďur	1.	2007/0284	10,4 ± 0,6	597 ± 34	38,1 ± 3,1	43,0 ± 5,4
	2.	2007/1918	14,2 ± 0,7	595 ± 28	40,1 ± 2,6	42,5 ± 4,6

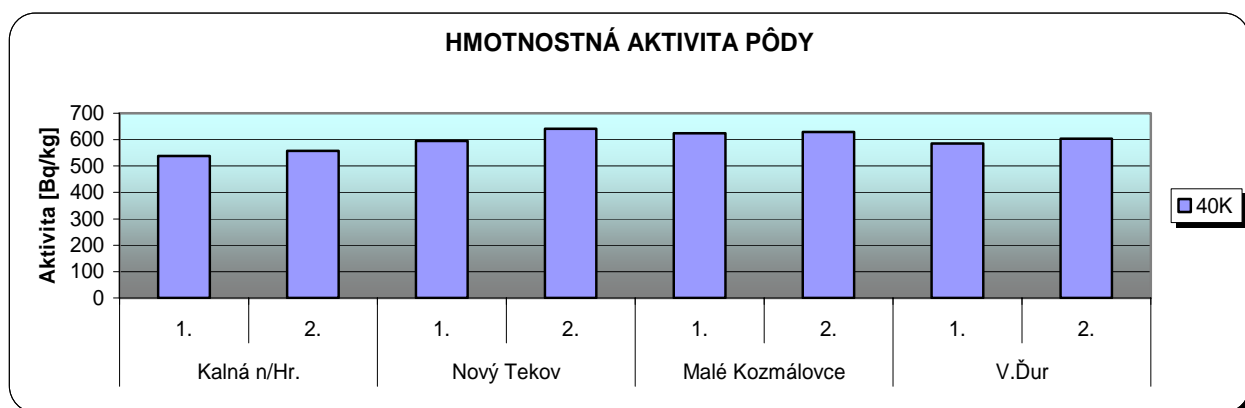
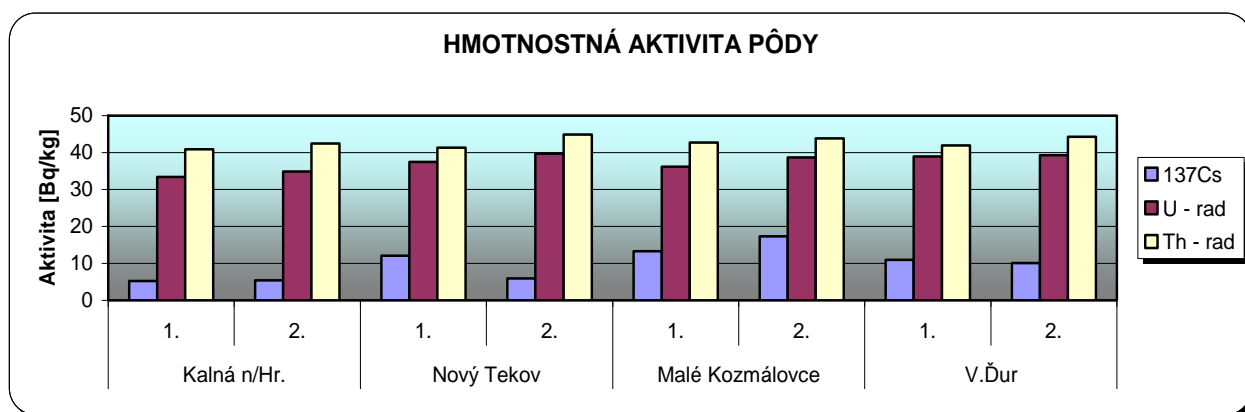


[Table 67 Soil specific activity \(gamma spectrometry\), 2007](#)

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid Evid.č.prot.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.	1.	2008/0971	5,23 ± 0,49	538 ± 43	33,4 ± 3,7	40,9 ± 7,9
	2.	2008/1905	5,39 ± 0,50	558 ± 44	34,9 ± 3,9	42,4 ± 8,0
Nový Tekov	1.	2008/0974	12,1 ± 1,0	595 ± 47	37,5 ± 4,1	41,3 ± 7,7
	2.	2008/1908	5,92 ± 0,78	641 ± 50	39,7 ± 4,3	44,9 ± 8,2
Malé Kozmálovce	1.	2008/0973	13,3 ± 1,1	624 ± 49	36,2 ± 4,0	42,7 ± 7,9
	2.	2008/1907	17,3 ± 1,4	629 ± 49	38,7 ± 4,3	43,8 ± 8,1
V.Ďur	1.	2008/0972	11,0 ± 0,9	585 ± 46	39,0 ± 4,3	41,9 ± 8,0
	2.	2008/1906	10,1 ± 0,8	604 ± 48	39,3 ± 4,3	44,3 ± 8,1

[Table 68 Soil specific activity \(gamma spectrometry\), 2008](#)

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid	
	Evid.č.prot.	90Sr [Bq/kg]
Kalná n/Hronom	2005/680	1,7 ± 0,3
Veľký Ďur	2005/681	2,7 ± 0,4
Červený Hrádok	2005/682	1,6 ± 0,3
Nemčiňany	2005/683	2,8 ± 0,4
Malé Kozmálovce	2005/684	3 ± 0,4
Nový Tekov	2005/685	3,9 ± 0,5

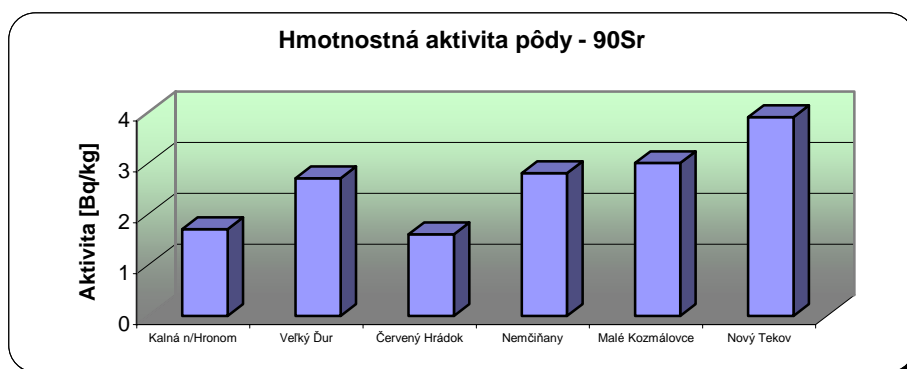


Table 69 Soil specific activity – 2005

TERÉNNÁ GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid	90Sr	
	Evid.č.prot.	[Bq/kg]	
Tekovský Hrádok	2005/952	3,7	± 0,5
Nový Tekov	2005/955	3,2	± 0,4
Tesárske Mlyňany arboretum	2005/954	4,3	± 0,6
Vráble	2005/953	2	± 0,2
SE EMO Mochovce	2005/956	3,9	± 0,5

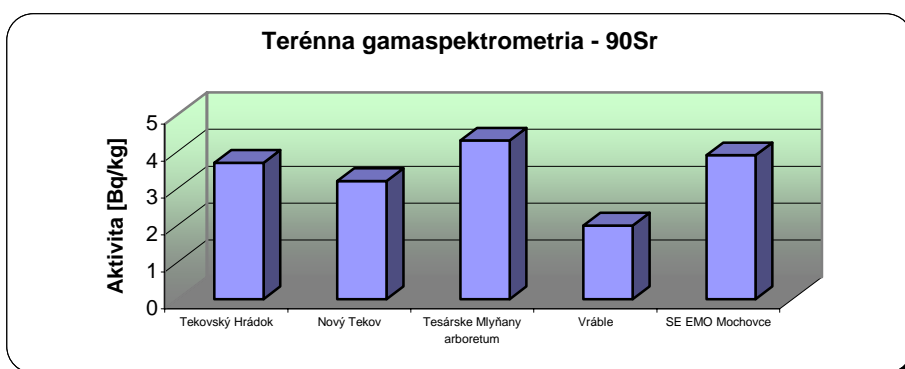
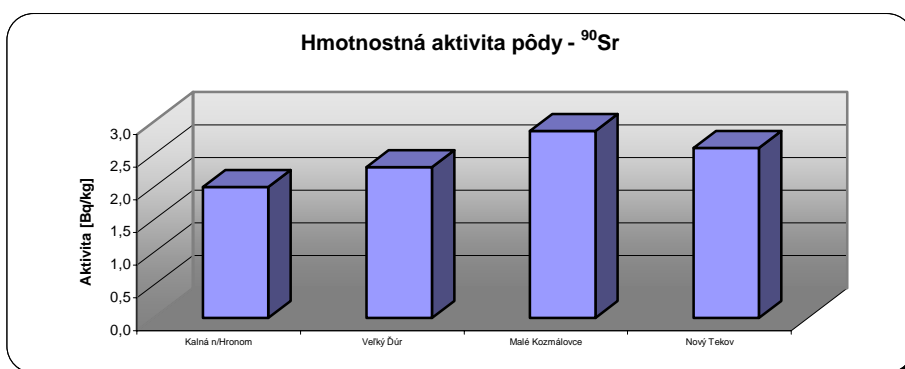


Table 70 Soil specific activity (radiochemistry) – 2005

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid	⁹⁰ Sr	
	Evid.č.prot.	[Bq/kg]	
Kalná n/Hronom	2006/522	2,0	± 0,1
Veľký Ďúr	2006/523	2,3	± 0,1
Malé Kozmálovce	2006/524	2,9	± 0,1
Nový Tekov	2006/525	2,6	± 0,1



TERÉNNÁ GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid	⁹⁰ Sr
	Evid.č.prot.	[Bq/kg]
Tekovský Hrádok	2006/1541	3,5 ± 0,1
Nový Tekov	2006/1571	2,3 ± 0,1
Tesárske Mlyňany arboretum	2006/1544	3,0 ± 0,1
Vráble	2006/1538	1,3 ± 0,1
SE EMO Mochovce	2006/1535	2,0 ± 0,1

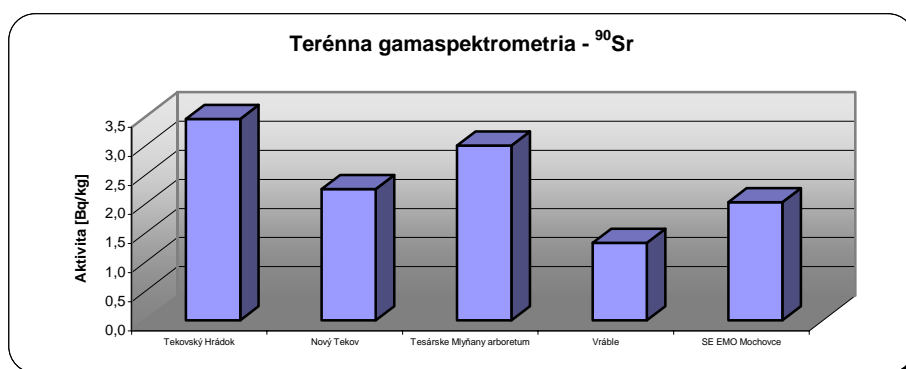
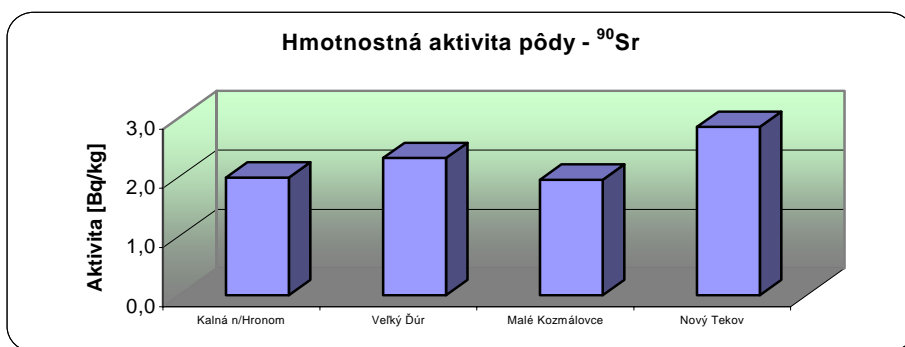


Table 71 Soil specific activity (radiochemistry) ,2006

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid	⁹⁰ Sr	
	Evid.č.prot.	[Bq/kg]	
Kalná n/Hronom	2007/283	2,0	± 0,1
Veľký Ďúr	2007/284	2,3	± 0,1
Malé Kozmálovce	2007/285	2,0	± 0,1
Nový Tekov	2007/286	2,8	± 0,1

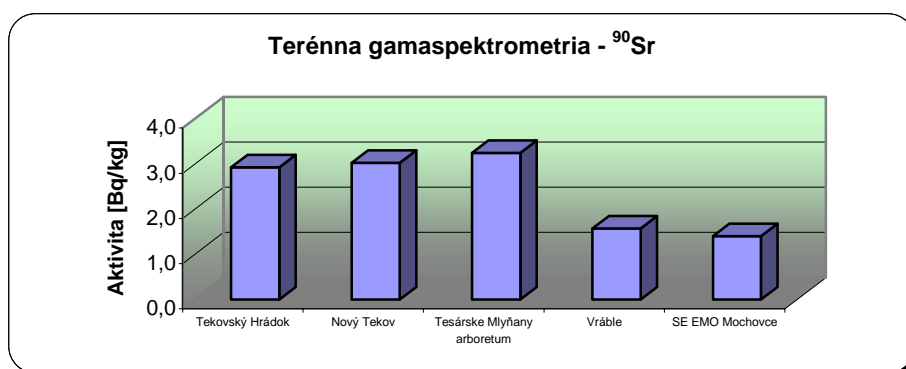


[Table 72 Soil specific activity \(radiochemistry\) ,2007](#)

TERÉNNÁ GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

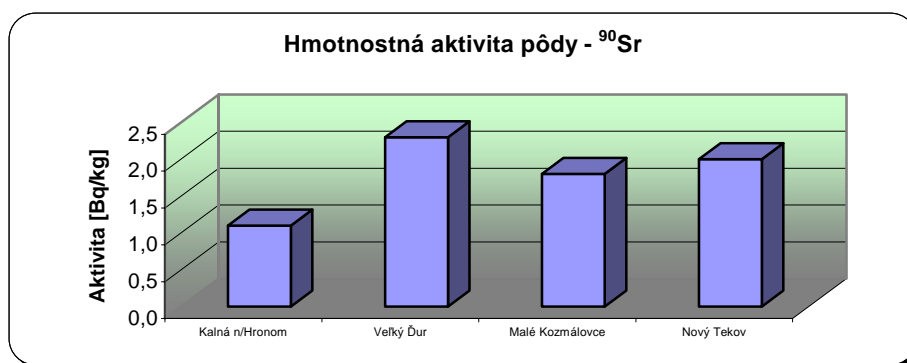
Lokalita	Ra-nuklid	⁹⁰ Sr
	Evid.č.prot.	[Bq/kg]
Tekovský Hrádok	2007/1828	2,9 ± 0,2
Nový Tekov	2007/1831	3,0 ± 0,2
Tesárske Mlyňany arboretum	2007/1834	3,2 ± 0,2
Vráble	2007/1837	1,6 ± 0,1
SE EMO Mochovce	2007/1840	1,4 ± 0,1

Table 73 Soil specific activity (radiochemistry), 2007

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid	
	Evid.č.prot.	⁹⁰ Sr [Bq/kg]
Kalná n/Hronom	2008/971	1,1 ± 0,2
Veľký Ďur	2008/972	2,3 ± 0,4
Malé Kozmálovce	2008/973	1,8 ± 0,3
Nový Tekov	2008/974	2,0 ± 0,4

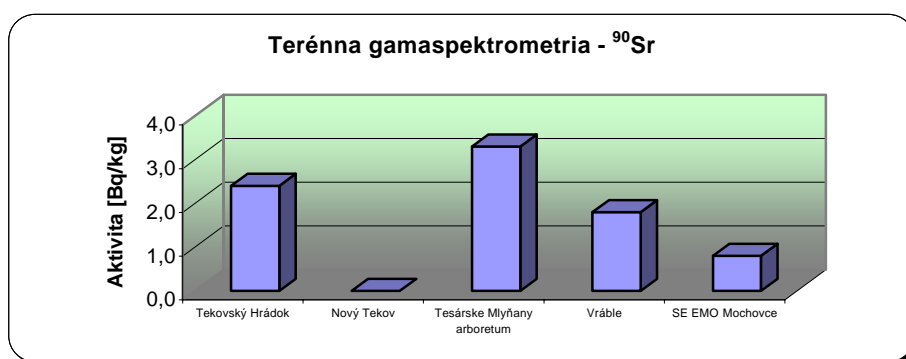
[Table 74 Soil specific activity \(radiochemistry\), 2008](#)

TERÉNNÁ GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid	⁹⁰ Sr	
	Evid.č.prot.	[Bq/kg]	
Tekovský Hrádok	2008/2125	2,4 ± 0,5	
Nový Tekov	*	* ± *	
Tesárske Mlyňany arboretum	2008/2119	3,3 ± 0,6	
Vráble	2008/2113	1,8 ± 0,3	
SE EMO Mochovce	2008/2131	0,8 ± 0,2	

* - na danej lokalite nebolo uskutočnené meranie INSITU z objektívnych príčin

Table 75 Soil specific activity (radiochemistry), 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0001	<2,52	<2,36	<29,9	1900 ± 95	<9,67	<16,5	23,5
2	2005/0016	<2,56	<2,42	<23,0	1970 ± 101	<11,3	<17,6	26,9
3	2005/0037	<1,99	<2,01	<22,5	2130 ± 104	<9,51	<14,6	28,7
4	2005/0052	<2,23	<2,31	<27,0	1120 ± 64	<12,9	<20,4	17,8
5	2005/0121	<2,24	<2,20	<25,3	1660 ± 84	<9,85	<15,5	28,8
6	2005/0152	<2,16	<2,15	41,2 ± 11,1	4850 ± 231	<10,3	<15,6	67,5
7	2005/0186	<2,22	<1,97	19,1 ± 11,1	1240 ± 66	<9,67	<13,7	53,1
8	2005/0251	<1,94	<1,87	<23,7	1390 ± 74	<9,79	<14,7	26,1
9	2005/0266	<2,04	<2,05	<20,8	1940 ± 97	<10,1	<15,3	35,7
10	2005/0301	<2,17	<1,76	26,1 ± 9,5	2860 ± 138	<10,7	<15,8	38,8
11	2005/0328	<2,44	<2,28	<27,2	2940 ± 147	<12,2	<17,1	43,6
12	2005/0345	<2,12	<1,92	29,4 ± 11,7	4840 ± 232	<11,1	<15,0	44,2
13	2005/0373	<2,17	<2,02	<23,1	4750 ± 223	<10,7	<15,7	48,0
14	2005/0392	<2,12	<2,17	<24,7	7380 ± 341	<11,3	<15,7	75,0
15	2005/0424	<1,71	<1,64	<19,5	6200 ± 283	<6,62	<8,07	49,2
16	2005/0485	<1,48	<1,45	<16,6	4420 ± 203	<7,77	<9,86	37,8
17	2005/0551	<2,32	<2,28	<28,3	4880 ± 233	<12,6	<16,8	32,7
18	2005/0634	<2,24	<2,23	<25,4	5510 ± 264	<10,6	<16,2	37,6
19	2005/0661	<1,98	<2,07	<20,5	3270 ± 155	<9,05	<13,6	20,8
20	2005/0694	<2,06	<2,08	<25,0	3370 ± 160	<8,64	<13,7	22,8
21	2005/0748	<2,19	<2,17	<24,5	4890 ± 229	<10,1	<14,5	44,6
22	2005/0815	<2,09	<2,25	<27,2	5590 ± 260	<10,0	<14,6	48,5
23	2005/0854	<2,26	<2,07	<23,5	4280 ± 202	<10,1	<14,5	31,8
24	2005/0874	<2,21	<2,08	<24,3	4890 ± 230	<9,64	<14,1	23,8
25	2005/0906	<2,20	<2,14	<21,9	5450 ± 254	<9,11	<12,9	24,9
26	2005/1003	<2,36	<2,28	<28,1	6120 ± 290	<12,2	<17,4	24,8

Table 76 Aerosol activity (gamma spectrometry) - SDS ERML, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1023	<2,35	<2,10	26,2 ± 9,4	3590 ± 172	<8,45	<11,8	18,0
28	2005/1054	<2,26	<2,33	26,9 ± 8,3	4530 ± 216	10,1 ± 4,3	<13,3	22,6
29	2005/1072	<2,09	<2,13	<23,9	6620 ± 306	15,8 ± 4,0	<13,2	23,8
30	2005/1088	<2,23	<2,11	25,8 ± 8,5	3920 ± 187	10,2 ± 4,3	<16,0	26,8
31	2005/1160	<2,34	<2,05	<25,0	5250 ± 247	12,4 ± 4,3	<14,9	33,7
32	2005/1191	<2,30	<2,11	<23,8	2530 ± 125	<9,68	<16,1	8,90
33	2005/1239	<1,94	<1,76	24,1 ± 6,5	3230 ± 153	9,40 ± 3,59	<12,5	14,8
34	2005/1365	<1,91	<1,94	<20,4	3860 ± 180	<9,45	<12,0	18,5
35	2005/1380	<2,16	<1,99	29,0 ± 7,3	5450 ± 254	18,6 ± 4,8	<13,6	18,5
36	2005/1418	<1,96	<1,93	<22,2	5100 ± 238	<9,84	<13,9	22,5
37	2005/1439	<2,09	<2,02	<22,8	3810 ± 180	<10,8	<14,5	27,6
38	2005/1454	<2,11	<2,24	<22,5	3090 ± 151	<11,2	<16,5	11,4
39	2005/1517	<2,17	<2,17	41,3 ± 8,2	4870 ± 228	<10,5	<14,8	22,9
40	2005/1545	<2,23	<2,47	30,3 ± 11,9	3300 ± 167	<11,5	<18,3	17,8
41	2005/1589	<1,99	<2,05	24,5 ± 9,1	4990 ± 230	13,3 ± 3,5	<12,2	28,7
42	2005/1608	<2,08	<2,00	<23,2	2490 ± 120	<9,77	<14,3	23,9
43	2005/1629	<1,93	<1,91	<21,8	2260 ± 111	<10,4	<14,4	20,8
44	2005/1721	<2,42	<2,32	<26,6	3600 ± 178	<11,6	<17,1	31,6
45	2005/1775	<2,09	<2,09	28,1 ± 12,1	1880 ± 98	<11,0	<16,6	52,4
46	2005/1881	<2,11	<1,97	<21,4	1300 ± 69	<10,1	<13,9	49,8
47	2005/1896	<2,03	<2,05	<21,0	1330 ± 72	<10,5	<15,0	23,5
48	2005/1989	<1,63	<1,58	23,5 ± 5,5	1690 ± 80	<5,57	<8,16	24,8
49	2005/2027	<1,90	<1,72	<19,0	1500 ± 75	<8,29	<12,0	21,8
50	2005/2053	<2,16	4,02 ± 0,91	<23,8	2620 ± 127	<9,95	<13,9	39,7
51	2005/2119	<2,25	<2,15	<24,2	1810 ± 93	<9,91	<14,2	18,8
52	2005/2134	<2,19	<2,15	<25,0	1070 ± 61	<10,9	<17,6	19,0

Table 77 Aerosol activity (gamma spectrometry) - SDS ERML, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0002	<3,97	<44,7	1470 ± 70	<10,4	<13,5	24,2
2	2006/0017	<5,41	<57,8	6080 ± 290	<13,5	<19,0	38,4
3	2006/0033	<4,56	25,5 ± 9,8	2480 ± 120	<11,9	<15,6	40,7
4	2006/0049	2,19 ± 0,76	<51,8	3020 ± 150	<13,5	<17,5	44,3
5	2006/0064	<3,31	40,0 ± 8,5	4290 ± 200	<9,71	<11,7	53,0
6	2006/0079	<4,51	<50,2	2010 ± 100	<11,2	<15,9	55,6
7	2006/0097	<5,57	<57,2	1620 ± 90	<14,7	<19,7	32,7
8	2006/0126	<3,55	20,3 ± 7,7	2130 ± 100	<9,97	<12,9	31,7
9	2006/0144	0,959 ± 0,626	38,0 ± 9,2	2120 ± 100	<9,97	<14,7	35,9
10	2006/0257	<4,81	<60,5	2500 ± 120	<13,4	<17,5	30,6
11	2006/0295	<4,82	<50,3	2670 ± 130	<13,9	<18,4	44,2
12	2006/0364	<3,97	54,6 ± 9,7	2540 ± 120	<9,43	<13,0	56,1
13	2006/0389	<4,77	<63,9	2420 ± 120	<12,8	<18,0	34,2
14	2006/0411	<3,79	<38,2	2290 ± 110	<9,92	<13,7	17,8
15	2006/0442	<3,01	32,2 ± 6,7	5130 ± 240	<7,89	<9,83	34,0
16	2006/0507	<3,85	14,3 ± 7,2	4140 ± 190	<9,26	<13,2	26,4
17	2006/0530	<4,92	<54,5	5440 ± 260	<13,5	<17,3	36,4
18	2006/0591	<3,76	27,3 ± 7,6	4060 ± 190	<10,1	<14,1	28,0
19	2006/0641	2,73 ± 0,79	24,1 ± 7,6	6910 ± 320	<10,3	<13,6	40,8
20	2006/0678	<3,22	28,9 ± 7,3	6180 ± 280	<8,04	<11,1	36,5
21	2006/0722	<2,65	17,8 ± 5,1	5840 ± 270	<7,54	<9,98	23,2
22	2006/0773	<3,80	17,5 ± 6,4	1920 ± 90	<9,52	<13,5	15,3
23	2006/0790	<3,72	<38,4	3100 ± 150	<9,91	<14,1	14,3
24	2006/0809	<3,98	31,6 ± 8,9	5030 ± 240	<10,9	<14,6	18,5
25	2006/0844	<4,35	34,6 ± 10,8	7250 ± 330	<11,9	<15,7	30,3
26	2006/0860	<3,81	<41,6	6400 ± 300	<11,1	<14,7	25,7

Table 78 Aerosol activity (gamma spectrometry) - SDS ERML, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť	
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]	
27	2006/0927	<4,22	<46,9	5930 ± 280	<11,6	<16,0	15,6	
28	2006/0963	<4,06	19,9 ± 9,1	8620 ± 400	<12,1	<16,8	24,8	
29	2006/0978	<3,05	29,0 ± 6,7	6700 ± 310	<8,08	<11,1	23,8	
30	2006/1104	<2,91	26,9 ± 5,9	7580 ± 350	<7,75	<10,7	34,8	
31	2006/1131	<3,67	33,8 ± 7,6	7710 ± 350	<10,3	<13,4	28,0	
32	2006/1150	<3,71	<37,8	2570 ± 120	<8,92	<13,7	11,1	
33	2006/1168	<5,15	<53,4	3560 ± 170	<11,3	<17,0	13,6	
34	2006/1189	<3,78	<38,5	5310 ± 250	<9,92	<14,2	18,8	
35	2006/1272	<4,41	<46,9	3290 ± 160	<10,8	<16,3	12,7	
36	2006/1319	<2,71	16,6 ± 5,8	3140 ± 150	<6,80	<10,4	15,6	
37	2006/1351	<2,90	28,0 ± 6,1	3780 ± 170	<7,75	<10,4	18,6	
38	2006/1369	<2,93	31,5 ± 6,2	5750 ± 260	<7,24	<10,6	25,5	
39	2006/1387	<4,59	<47,5	5120 ± 240	<10,8	<16,6	22,9	
40	2006/1482	<2,47	36,0 ± 6,3	4990 ± 230	<6,09	<8,96	30,8	
41	2006/1500	<3,32	<36,8	3570 ± 170	<6,75	<12,5	14,5	
42	2006/1574	<3,26	29,6 ± 7,8	4550 ± 210	<8,37	<11,3	29,9	
43	2006/1659	<3,86	39,1 ± 8,7	3530 ± 170	<9,46	<13,9	31,7	
44	2006/1674	<3,03	24,7 ± 5,9	4890 ± 230	<6,23	<10,9	10,1	
45	2006/1715	<3,28	24,7 ± 7,4	4320 ± 200	15,4 ± 3,7	<10,6	19,9	
46	2006/1738	<3,84	<44,0	2830 ± 140	<6,95	<14,2	23,9	
47	2006/1765	<4,15	<44,3	1450 ± 70	<10,3	<14,8	44,2	
48	2006/1881	<3,94	36,1 ± 7,6	1930 ± 90	15,0 ± 3,6	<12,3	32,2	
49	2006/1899	<2,94	17,0 ± 6,6	1930 ± 90	<6,91	<10,8	40,4	
50	2006/1914*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia						
51	2006/1929*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia						
52	2006/1962	<3,61	36,1 ± 8,4	1780 ± 90	<8,51	<12,8	39,1	

Table 79 Aerosol activity (gamma spectrometry) - SDS ERML, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Týždeň	Radionuklid	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť'
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1		2007/0003	<4,39	24,5 ± 9,5	1250 ± 70	<10,1	<14,4	26,3
2		2007/0018	<3,22	35,7 ± 6,2	1480 ± 70	<6,70	<10,9	26,5
3		2007/0036	<3,58	<37,1	2440 ± 120	<9,26	<12,7	22,8
4		2007/0075	<3,13	<33,6	2860 ± 130	<7,97	<11,5	21,3
5		2007/0118	<2,90	<33,4	1640 ± 80	<8,01	<10,5	19,5
6		2007/0152	<2,94	<30,3	1460 ± 70	<7,65	<11,0	19,6
7		2007/0167	<2,99	<32,2	1560 ± 80	<7,73	<10,4	19,5
8		2007/0184	<2,86	16,9 ± 5,9	1720 ± 80	<7,71	<10,7	27,1
9		2007/0200	<2,46	26,3 ± 5,6	2280 ± 110	<5,91	<8,25	35,0
10		2007/0268	<4,21	<49,8	2100 ± 110	<12,0	<16,7	18,8
11		2007/0288	<2,44	26,2 ± 5,6	2520 ± 120	<6,33	<7,83	32,2
12		2007/0323	<3,17	29,3 ± 7,4	2560 ± 120	11,4 ± 3,9	<11,2	35,8
13		2007/0405	<3,31	31,4 ± 7,1	2960 ± 140	<7,79	<11,0	32,5
14		2007/0422	<3,08	33,2 ± 7,7	4600 ± 210	<8,05	<11,3	41,7
15		2007/0447	<3,58	23,3 ± 8,5	4670 ± 220	15,6 ± 4,5	<11,5	39,0
16		2007/0478	<3,89	<44,4	4600 ± 220	<10,0	<13,9	38,6
17		2007/0493	<3,43	33,9 ± 9,0	4680 ± 210	<9,98	<11,9	42,9
18		2007/0562	<3,82	37,3 ± 7,8	4540 ± 210	<10,4	<14,3	34,0
19		2007/0577	<3,04	<34,2	3200 ± 150	<7,75	<10,6	23,9
20		2007/0622	<3,01	16,6 ± 5,9	2210 ± 110	<8,11	<10,8	21,3
21		2007/0647	<3,43	<39,6	2840 ± 130	<9,27	<12,1	26,4
22		2007/0725	<3,99	24,7 ± 8,4	4280 ± 200	<10,5	<14,3	29,9
23		2007/0773	<3,06	<31,6	1920 ± 90	<7,99	<10,3	15,3
24		2007/0789	<2,46	16,2 ± 5,6	5110 ± 230	<7,44	<8,60	19,6
25		2007/0822	<3,82	19,0 ± 7,4	3330 ± 160	<9,86	<12,4	19,6
26		2007/0837	<3,80	34,3 ± 7,9	3440 ± 160	<9,58	<14,5	22,1

Table 80 Aerosol activity (gamma spectrometry) - SDS ERML, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0921	<3,97	30,5 ± 7,0	3080 ± 150	<10,9	<13,3	17,8
28	2007/0938	<3,90	30,7 ± 8,0	3010 ± 150	<10,6	<13,3	17,1
29	2007/1013	<3,15	35,1 ± 8,7	3260 ± 150	<9,15	<10,0	19,9
30	2007/1088	<3,96	23,1 ± 7,9	4720 ± 220	<10,2	<14,4	36,5
31	2007/1118	<3,74	22,2 ± 8,7	3300 ± 160	<9,65	<13,1	20,4
32	2007/1151	<3,05	28,8 ± 7,6	3060 ± 140	<8,63	<10,6	21,4
33	2007/1166	<3,03	<30,8	3290 ± 150	<8,52	<9,61	17,7
34	2007/1234	<3,39	25,6 ± 7,2	3610 ± 160	<9,63	<12,0	20,8
35	2007/1249	<3,71	25,1 ± 7,3	3680 ± 170	<9,99	<12,6	23,8
36	2007/1283	<2,51	<26,9	2870 ± 130	<7,17	<9,19	14,8
37	2007/1302	<4,03	<47,1	1200 ± 60	<11,1	<15,2	9,73
38	2007/1350	<3,46	<39,6	3670 ± 170	<9,29	<11,9	19,8
39	2007/1418	<3,76	76,0 ± 10,6	3480 ± 160	<10,3	<12,9	20,5
40	2007/1445	<2,65	49,8 ± 7,9	2850 ± 130	<6,88	<8,95	19,5
41	2007/1486	<3,79	53,0 ± 10,6	2490 ± 120	<10,3	<13,6	23,8
42	2007/1506	<2,97	59,7 ± 8,6	2580 ± 120	<7,40	<11,0	30,6
43	2007/1539	<3,83	56,7 ± 9,8	1820 ± 90	<9,70	<13,1	20,4
44	2007/1626	<3,72	34,6 ± 8,6	791 ± 45	<9,59	<13,5	23,6
45	2007/1650	<2,68	46,5 ± 7,8	1300 ± 60	<7,33	<9,50	17,0
46	2007/1725	<2,72	53,2 ± 8,4	875 ± 44	<7,17	<10,2	9,36
47	2007/1796	<3,10	53,1 ± 9,2	855 ± 45	<7,96	<10,8	25,6
48	2007/1844	<2,93	63,7 ± 8,2	1940 ± 90	<7,81	<10,2	29,8
49	2007/1859	<4,10	67,0 ± 11,7	2010 ± 100	<11,3	<15,0	27,3
50	2007/1902	<4,25	<57,1	823 ± 48	<10,7	<15,4	23,7
51	2007/1946	<3,42	46,4 ± 10,0	1630 ± 80	<8,47	<12,0	40,2
52	2007/1961	<2,36	44,2 ± 7,4	2710 ± 130	<6,51	<8,69	41,1

Table 81 Aerosol activity (gamma spectrometry) - SDS ERML, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Týždeň	Radionuklid	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť'
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1		2008/0001	<3,36	67,6 ± 21,1	1490 ± 130	<9,48	<11,9	32,6
2		2008/0017	<3,21	54,0 ± 20,4	2040 ± 170	<8,98	<11,2	23,8
3		2008/0032	<3,57	65,3 ± 21,2	2240 ± 190	<9,73	<12,7	26,3
4		2008/0047	<3,57	47,0 ± 19,2	1820 ± 160	<8,89	<12,7	23,0
5		2008/0117	1,08 ± 1,05	54,2 ± 17,1	1720 ± 140	<8,64	<11,6	29,8
6		2008/0132	<3,72	79,8 ± 23,4	2150 ± 180	<9,55	<13,5	29,8
7		2008/0159	1,06 ± 1,13	45,4 ± 20,4	1820 ± 160	<9,90	<12,9	31,4
8		2008/0229	<3,59	62,2 ± 22,8	2370 ± 200	<9,98	<12,6	32,8
9		2008/0296	<3,81	54,0 ± 19,3	3220 ± 260	<10,1	<13,3	36,3
10		2008/0325	<3,71	58,8 ± 20,2	3590 ± 280	<10,1	<12,9	23,9
11		2008/0365	<3,84	37,6 ± 18,7	2980 ± 240	<10,7	<13,9	75,7
12		2008/0394	<3,90	37,3 ± 21,0	2870 ± 230	<10,3	<14,2	14,5
13		2008/0410	<2,88	40,7 ± 17,6	1780 ± 150	<8,27	<11,0	16,1
14		2008/0496	<1,86	54,6 ± 15,6	5080 ± 390	<6,69	<8,28	23,1
15		2008/0515	<2,80	<45,9	2460 ± 210	<9,34	<12,4	24,0
16		2008/0532	<3,40	60,2 ± 19,7	3180 ± 250	<9,47	<12,8	30,6
17		2008/0603	<2,49	<38,8	2310 ± 200	<7,96	<10,5	16,4
18		2008/0621	<3,06	61,9 ± 18,3	5040 ± 390	<8,57	<11,2	24,6
19		2008/0640	<3,70	59,1 ± 22,1	2840 ± 230	<10,5	<14,1	20,4
20		2008/0663	<3,56	51,3 ± 19,5	3610 ± 280	<9,41	<13,1	22,9
21		2008/0697	<3,66	61,8 ± 20,1	3160 ± 250	26,9 ± 9,3	<13,6	22,1
22		2008/0775	<2,07	35,9 ± 17,9	2170 ± 180	<7,77	<9,77	18,7
23		2008/0798	<3,76	52,9 ± 22,1	5860 ± 450	<10,0	<12,0	26,3
24		2008/0843	<2,55	<36,6	4330 ± 350	<7,35	<11,6	17,2
25		2008/0860	<3,35	57,5 ± 21,0	2550 ± 200	<8,72	<12,4	18,9
26		2008/0956	<2,30	<35,3	3830 ± 300	<7,65	<9,94	17,8

Table 82 Aerosol activity (gamma spectrometry) - SDS ERML, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0978	<2,09	<37,4	4050 ± 330	<7,03	<10,3	19,6
28	2008/1060	<2,62	<44,2	4320 ± 350	<9,37	<12,3	19,5
29	2008/1084	<2,94	<46,1	3410 ± 290	<8,81	<12,4	23,1
30	2008/1099	<2,79	39,8 ± 15,1	3210 ± 250	<7,31	<9,20	16,6
31	2008/1168	<2,41	36,7 ± 15,9	3570 ± 290	<7,13	<10,3	18,0
32	2008/1182	<2,85	58,3 ± 18,4	4280 ± 330	<7,59	<9,73	22,8
33	2008/1209	<2,68	<46,7	3690 ± 300	<9,22	<11,7	20,4
34	2008/1234	<2,88	59,4 ± 16,8	3570 ± 280	9,72 ± 6,53	<9,96	20,4
35	2008/1280	<2,77	<51,1	3040 ± 250	<10,2	<12,9	24,7
36	2008/1357	<2,89	46,1 ± 23,0	3220 ± 270	<9,54	<12,7	27,1
37	2008/1395	<2,90	68,0 ± 19,5	4690 ± 360	12,2 ± 7,5	<9,63	41,8
38	2008/1410	<2,86	37,4 ± 19,0	2590 ± 220	<9,49	<11,4	17,1
39	2008/1497	<2,90	29,1 ± 14,6	969 ± 85	<7,43	<10,2	15,7
40	2008/1514	<2,45	<35,8	3640 ± 290	5,67 ± 6,25	<10,2	22,1
41	2008/1550	<2,32	<36,0	2290 ± 190	21,0 ± 6,7	<10,6	14,9
42	2008/1570	<2,85	53,3 ± 17,4	1650 ± 140	17,7 ± 7,1	<10,3	30,7
43	2008/1592	<2,61	52,8 ± 14,4	2450 ± 190	8,45 ± 5,25	<9,56	31,9
44	2008/1640	<2,84	<32,0	2490 ± 200	<7,22	<10,2	32,2
45	2008/1713	<2,36	<32,5	3270 ± 390	<6,86	<10,5	24,7
46	2008/1738	<2,27	65,8 ± 21,3	3340 ± 400	<6,77	<9,81	33,9
47	2008/1753	<2,39	31,9 ± 12,8	2580 ± 200	<6,31	<9,08	33,1
48	2008/1830	2,98 ± 1,72	<27,8	1950 ± 160	<7,51	<9,27	17,9
49	2008/1870	<2,26	58,3 ± 20,6	1670 ± 200	<6,67	<10,1	17,1
50	2008/1890	<3,00	20,4 ± 11,1	1510 ± 130	13,7 ± 6,2	<10,6	18,7
51	2008/1935	<3,29	<35,6	2540 ± 210	<8,40	<11,5	17,0
52	2008/2052	<2,54	<34,7	1520 ± 180	<9,42	<11,1	14,2

Table 83 Aerosol activity (gamma spectrometry) - SDS ERML, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0002	<2,57	<2,43	<30,8	1490 ± 82	<11,6	<17,7	20,9
2	2005/0017	<2,52	<2,59	<28,3	1280 ± 70	<11,3	<17,8	25,2
3	2005/0038	<2,24	<2,11	25,7 ± 9,3	2160 ± 106	<9,96	<15,5	25,7
4	2005/0053	<3,15	<3,03	110 ± 28,9	773 ± 60	<15,8	<19,1	15,0
5	2005/0122	<2,40	<2,29	<24,6	1340 ± 75	<8,87	<13,8	25,8
6	2005/0153	<2,36	<2,23	51,5 ± 11,3	4510 ± 217	<11,4	<16,4	44,3
7	2005/0187	<2,02	<1,94	<22,1	971 ± 53	<9,42	<13,4	49,7
8	2005/0252	<2,12	<2,07	35,5 ± 10,5	1280 ± 69	<10,3	<15,1	23,4
9	2005/0267	<2,01	<2,04	18,3 ± 7,0	1730 ± 84	<9,55	<14,6	27,9
10	2005/0302	<2,22	<2,20	<27,6	2820 ± 140	<10,5	<17,2	32,8
11	2005/0329	<2,37	<2,16	<24,8	2850 ± 142	<11,1	<16,4	26,7
12	2005/0346	<2,10	<2,01	20,0 ± 10,6	4930 ± 232	<10,5	<15,4	30,3
13	2005/0374	<2,04	1,45 ± 0,70	<24,4	4430 ± 210	<11,1	<15,8	42,2
14	2005/0393	<1,93	<1,89	<21,1	6320 ± 290	<9,92	<13,0	50,7
15	2005/0425	<1,77	<1,74	<19,6	4580 ± 212	<8,90	<11,7	40,8
16	2005/0486	<1,84	<1,81	<18,2	3760 ± 178	<9,00	<13,0	31,8
17	2005/0552	<1,74	<1,76	<17,7	4440 ± 209	<8,53	<12,9	16,8
18	2005/0635	<2,28	<2,34	<25,8	3990 ± 194	<11,3	<16,8	26,7
19	2005/0662	<1,75	<1,62	<19,0	3080 ± 144	<8,01	<12,7	12,9
20	2005/0695	<2,25	<1,90	<20,2	1380 ± 75,7	<10,1	<16,1	19,8
21	2005/0749	<2,22	<2,17	<24,5	4500 ± 211	<10,0	<14,3	22,9
22	2005/0816	<2,34	<2,15	<22,3	5370 ± 250	<10,1	<14,1	21,8
23	2005/0855	<2,16	<2,04	<25,1	3990 ± 186	<9,98	<12,3	26,8
24	2005/0875	<2,19	<2,10	<22,5	4560 ± 215	<9,37	<14,4	23,8
25	2005/0907	<2,27	<2,13	<24,3	5160 ± 242	<9,38	<13,7	25,9
26	2005/1004	<2,34	<2,25	<24,6	5220 ± 249	<12,0	<16,6	31,5

Table 84 Aerosol activity (gamma spectrometry) - SDS Levice, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1024	<2,33	<2,11	<25,4	3730 ± 180	<8,99	<14,3	23,1
28	2005/1055	<2,39	<2,26	<26,9	3440 ± 170	<8,22	<16,4	33,6
29	2005/1073	<2,16	<2,13	24,0 ± 9,7	6080 ± 285	<10,2	<13,4	40,7
30	2005/1089	<2,26	<2,43	<24,3	3580 ± 178	14,2 ± 5,4	<16,9	33,2
31	2005/1161	<2,17	<1,99	30,7 ± 8,1	4200 ± 195	14,4 ± 3,5	<9,88	42,4
32	2005/1192	<2,07	<1,91	17,5 ± 5,9	631 ± 35	<8,82	<11,4	20,7
33	2005/1240	<2,08	<1,85	44,7 ± 9,4	2940 ± 140	13,0 ± 3,9	<12,1	19,1
34	2005/1366	<2,29	<2,24	<23,3	3710 ± 179	<10,4	<13,8	21,9
35	2005/1381	<2,05	<1,91	<22,7	5300 ± 247	<9,55	<14,2	23,2
36	2005/1419	<2,13	<1,99	<22,2	4760 ± 228	<11,2	<14,6	28,6
37	2005/1440	<2,07	<1,94	<20,7	1830 ± 92	<10,8	<14,5	32,2
38	2005/1455	<1,86	<1,85	<20,9	2970 ± 142	<9,02	<12,9	13,1
39	2005/1518	<1,77	<1,61	29,7 ± 7,2	4020 ± 185	8,06 ± 3,31	<9,27	23,9
40	2005/1546	<2,17	<2,02	24,2 ± 7,6	2930 ± 139	<7,43	<9,35	19,8
41	2005/1590	<2,14	2,23 ± 0,67	56,1 ± 10,2	4770 ± 222	<8,94	<12,9	33,7
42	2005/1609	<2,01	<1,88	46,7 ± 8,2	2100 ± 101	<8,52	<11,7	23,8
43	2005/1630	<2,09	<1,87	<21,3	1350 ± 70	15,8 ± 4,4	<13,4	22,9
44	2005/1722	<2,46	<2,27	<28,5	3210 ± 160	<12,5	<17,9	35,6
45	2005/1776	<1,98	<1,94	36,4 ± 7,2	1460 ± 72	<8,42	<10,7	50,5
46	2005/1882	<2,10	<1,84	<21,4	1360 ± 72	<9,38	<14,2	53,2
47	2005/1897	<2,16	<2,14	<24,9	908 ± 53	<10,4	<16,9	19,2
48	2005/1990	<1,84	<1,75	<19,1	985 ± 52	<8,52	<11,7	22,8
49	2005/2028	<1,79	<1,56	<18,2	506 ± 30	<8,21	<11,5	16,9
50	2005/2054	<2,01	<2,07	33,4 ± 9,2	2360 ± 116	<9,30	<13,6	35,7
51	2005/2120	<1,88	<1,84	<19,8	884 ± 45	<6,35	<9,43	13,9
52	2005/2134	<2,36	<2,22	26,9 ± 8,7	1240 ± 68	<10,4	<16,7	18,1

Table 85 Aerosol activity (gamma spectrometry) - SDS Levice, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0003	<4,32	<49,5	1120 ± 60	<11,5	<15,2	20,8
2	2006/0018	<5,12	<56,3	4790 ± 230	<13,8	<18,5	35,0
3	2006/0034	<4,92	<53,9	2270 ± 120	<12,3	<16,9	43,6
4	2006/0050	<5,18	<56,8	2970 ± 150	<13,4	<17,7	41,7
5	2006/0065	<5,30	61,9 ± 12,4	3640 ± 180	<13,8	<19,2	54,3
6	2006/0080	<4,47	33,7 ± 9,6	2040 ± 100	<12,0	<14,5	53,7
7	2006/0098	<4,39	<47,8	1130 ± 60	<11,5	<15,3	32,7
8	2006/0127	<4,61	<46,7	1780 ± 90	<11,8	<16,6	28,8
9	2006/0145	<4,93	<52,5	1240 ± 70	<12,7	<18,1	27,3
10	2006/0258	<4,83	<50,2	1730 ± 90	<13,2	<18,0	25,5
11	2006/0296	<3,78	29,9 ± 7,4	2740 ± 130	<10,3	<13,7	33,2
12	2006/0365	<3,69	<41,1	1730 ± 90	<8,12	<13,2	43,3
13	2006/0390	<3,08	32,2 ± 7,1	1840 ± 90	<7,50	<10,9	37,6
14	2006/0412	<3,11	14,6 ± 5,6	3380 ± 160	<8,08	<9,86	13,5
15	2006/0443	<3,74	31,4 ± 8,0	4940 ± 230	<10,2	<13,1	32,4
16	2006/0508	<4,15	<42,1	4060 ± 190	<11,7	<15,3	21,3
17	2006/0531	<4,98	<53,6	4820 ± 230	<12,4	<16,9	29,7
18	2006/0592	<3,70	30,4 ± 6,2	3760 ± 180	<9,90	<14,1	24,7
19	2006/0642	2,14 ± 0,76	28,9 ± 7,4	6180 ± 290	<10,1	<13,9	34,8
20	2006/0679	<3,01	31,5 ± 6,7	5370 ± 250	<8,11	<10,9	30,6
21	2006/0721	<4,91	<51,1	5210 ± 250	<13,2	<18,7	23,0
22	2006/0774	<3,78	<43,1	2810 ± 130	<10,1	<14,0	13,7
23	2006/0791	<2,89	11,4 ± 5,9	2890 ± 140	<7,85	<10,5	16,1
24	2006/0810	<4,16	<42,3	4880 ± 230	<11,6	<15,3	19,2
25	2006/0845	<3,44	34,7 ± 8,5	6920 ± 320	<10,2	<12,4	32,9
26	2006/0861	<3,67	23,4 ± 7,5	5090 ± 240	<10,3	<12,7	29,7

Table 86 Aerosol activity (gamma spectrometry) - SDS Levice, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť'
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0928	<2,69	18,2 ± 5,6	5710 ± 260	<7,13	<8,76	22,3
28	2006/0964	<4,43	26,4 ± 8,7	8220 ± 380	<10,3	<16,6	33,9
29	2006/0979	<3,71	<41,9	6640 ± 310	<10,3	<14,5	29,8
30	2006/1105	<4,27	45,5 ± 9,1	7090 ± 330	<10,6	<14,8	46,8
31	2006/1132	<3,04	<33,5	6630 ± 300	<8,12	<9,21	36,3
32	2006/1151	<3,02	<31,6	2750 ± 130	<7,31	<11,3	14,0
33	2006/1169	<3,49	<40,7	3540 ± 170	<9,28	<13,7	16,2
34	2006/1190	<4,43	33,0 ± 10,4	4670 ± 220	<12,1	<17,3	32,3
35	2006/1273	<2,91	24,2 ± 5,5	1920 ± 90	<6,89	<10,4	17,0
36	2006/1320	<2,87	15,1 ± 5,0	3110 ± 140	<7,14	<10,7	16,2
37	2006/1352	<3,01	<31,1	3860 ± 180	<7,28	<10,3	22,9
38	2006/1370	<3,02	23,6 ± 6,8	4890 ± 230	<7,15	<10,7	31,4
39	2006/1388	<2,23	25,6 ± 5,8	4820 ± 220	<5,89	<7,81	28,9
40	2006/1483	<3,08	35,4 ± 8,3	4550 ± 210	<7,24	<10,8	43,2
41	2006/1501	<3,10	34,1 ± 8,3	3520 ± 160	<7,16	<10,0	30,7
42	2006/1575	<3,02	27,3 ± 6,5	3940 ± 180	<7,39	<8,19	36,2
43	2006/1660	<4,25	21,6 ± 8,9	3300 ± 160	9,46 ± 3,62	<16,4	39,1
44	2006/1675	<2,46	16,4 ± 5,0	3730 ± 170	12,7 ± 3,0	<8,82	21,1
45	2006/1716	<3,30	27,2 ± 6,7	3830 ± 180	<8,39	<12,3	17,9
46	2006/1739	<2,36	21,4 ± 5,8	1960 ± 90	<5,93	<7,99	22,2
47	2006/1766	1,27 ± 0,53	25,7 ± 7,5	1370 ± 70	7,59 ± 3,15	<12,4	45,9
48	2006/1882	<2,79	29,2 ± 6,9	1580 ± 80	10,8 ± 3,1	<9,72	34,8
49	2006/1900	<2,98	27,1 ± 6,7	2240 ± 110	<5,85	<9,90	47,0
50	2006/1915	<4,04	<40,4	1030 ± 60	<7,39	<14,4	27,2
51	2006/1930	<3,78	<43,2	1740 ± 90	<8,81	<12,9	28,8
52	2006/1963	<2,97	22,0 ± 5,9	1350 ± 70	<7,17	<9,29	32,3

Table 87 Aerosol activity (gamma spectrometry) - SDS Levice, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0004	<3,15	20,5 ± 6,7	1260 ± 60	<8,36	<9,71	26,3
2	2007/0019	<3,39	26,2 ± 7,5	1220 ± 60	<9,00	<11,7	13,5
3	2007/0037	<5,19	<54,7	2170 ± 110	<14,7	<16,4	19,3
4	2007/0076	<2,54	<27,5	2350 ± 110	<6,78	<8,61	15,9
5	2007/0119	<3,76	<40,0	1390 ± 70	<9,64	<14,2	12,7
6	2007/0153	<3,36	18,1 ± 7,6	1340 ± 70	<8,82	<12,8	11,9
7	2007/0168	<2,49	25,8 ± 5,9	1600 ± 80	<5,50	<8,85	16,2
8	2007/0185	<2,97	19,8 ± 5,9	1590 ± 80	<6,38	<10,4	21,2
9	2007/0201	<3,00	42,5 ± 7,5	2190 ± 100	<7,84	<10,5	33,2
10	2007/0269	<4,22	30,9 ± 7,5	2000 ± 100	<10,4	<14,4	16,2
11	2007/0289	<3,54	24,4 ± 7,8	2330 ± 110	<10,0	<13,8	24,6
12	2007/0324	<2,94	25,4 ± 6,2	2450 ± 120	<7,95	<11,2	23,9
13	2007/0406	<4,16	24,1 ± 9,4	2740 ± 130	<10,5	<14,3	28,1
14	2007/0423	<3,37	18,7 ± 7,3	4090 ± 190	<8,43	<11,8	35,9
15	2007/0448	<3,90	27,6 ± 8,0	3160 ± 150	<9,88	<13,9	22,0
16	2007/0479	<3,14	25,1 ± 6,6	4310 ± 200	<7,72	<10,6	31,6
17	2007/0494	<3,60	<32,6	4450 ± 210	<7,86	<11,0	28,2
18	2007/0563	<3,17	28,3 ± 6,4	4170 ± 190	<8,36	<11,4	28,0
19	2007/0578	<2,52	31,4 ± 6,0	3160 ± 150	<7,02	<8,56	21,4
20	2007/0623	<2,64	<28,6	2170 ± 100	<7,06	<9,50	25,6
21	2007/0648	<3,51	31,4 ± 7,6	3020 ± 140	<8,94	<12,2	31,4
22	2007/0726	<3,03	<33,7	4270 ± 200	<8,48	<11,5	46,5
23	2007/0774	<3,62	27,9 ± 7,0	1810 ± 90	<9,67	<14,1	17,8
24	2007/0790	<3,73	30,3 ± 7,6	5050 ± 240	<10,0	<14,5	26,4
25	2007/0823	<3,07	18,4 ± 6,9	3660 ± 170	<8,16	<11,0	28,1
26	2007/0838	<3,76	21,6 ± 7,8	3360 ± 160	<9,81	<12,8	21,3

Table 88 Aerosol activity (gamma spectrometry) - SDS Levice, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0922	<3,80	<39,2	3190 ± 150	<10,3	<13,9	21,2
28	2007/0939	<2,77	22,8 ± 6,1	2960 ± 140	<7,70	<9,37	16,3
29	2007/1014	<3,59	28,4 ± 7,3	3160 ± 150	<10,4	<12,4	21,9
30	2007/1089	<3,11	36,8 ± 8,5	4690 ± 220	<8,18	<10,3	38,2
31	2007/1119	<3,06	26,7 ± 7,4	3160 ± 150	<7,80	<10,2	18,7
32	2007/1152	<2,56	30,0 ± 5,7	3170 ± 150	<7,11	<8,66	26,7
33	2007/1167	<3,04	<33,7	3390 ± 160	<8,42	<9,70	21,1
34	2007/1235	<3,42	24,9 ± 7,8	3500 ± 160	<9,57	<12,3	23,8
35	2007/1250	<3,01	22,2 ± 6,5	3810 ± 180	<7,99	<11,1	22,2
36	2007/1284	<3,79	<40,0	3060 ± 150	<10,9	<14,4	17,0
37	2007/1303	<4,04	<43,9	1170 ± 60	<11,0	<14,8	8,22
38	2007/1351	<2,82	38,9 ± 7,1	3850 ± 180	<7,54	<9,87	20,8
39	2007/1419	<3,97	<48,8	3510 ± 170	<11,3	<14,5	20,4
40	2007/1446	<2,96	39,0 ± 8,1	2880 ± 140	<8,02	<11,2	21,3
41	2007/1487	<3,91	26,7 ± 11,0	2570 ± 130	<10,4	<13,5	29,8
42	2007/1507	<3,22	76,7 ± 10,3	2060 ± 100	<8,98	<11,3	29,5
43	2007/1540	<3,04	51,2 ± 8,8	1700 ± 80	<8,92	<10,9	17,6
44	2007/1627	<2,97	44,0 ± 7,4	594 ± 34	<8,26	<10,9	21,1
45	2007/1651	<3,83	33,5 ± 9,7	1260 ± 70	<10,6	<13,7	14,5
46	2007/1726	<2,88	41,6 ± 8,5	862 ± 44	<7,71	<10,7	6,81
47	2007/1797	<3,02	48,3 ± 8,1	872 ± 45	<7,76	<10,5	25,5
48	2007/1845	<2,86	57,7 ± 8,7	2020 ± 100	<7,70	<10,4	30,8
49	2007/1860	<3,25	46,7 ± 8,6	1850 ± 90	<9,02	<11,0	24,7
50	2007/1903	<4,00	62,5 ± 9,9	584 ± 36	<9,93	<13,0	17,1
51	2007/1947	<3,22	49,4 ± 10,1	1600 ± 80	<8,51	<11,7	32,0
52	2007/1962	<3,35	49,0 ± 10,4	2760 ± 130	<9,20	<12,0	38,8

Table 89 Aerosol activity (gamma spectrometry) - SDS Levice, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0002	<3,50	63,7 ± 19,4	1530 ± 130	<9,37	<12,5	32,6
2	2008/0018	<2,80	62,5 ± 16,0	1980 ± 160	<8,29	<9,93	21,9
3	2008/0033	<3,24	38,5 ± 15,5	2210 ± 180	<9,05	<10,5	25,5
4	2008/0048	<3,92	51,4 ± 19,0	1790 ± 160	<9,40	<13,0	19,5
5	2008/0118	<2,81	53,8 ± 15,2	1780 ± 150	<7,32	<9,92	20,4
6	2008/0133	<3,12	25,1 ± 17,8	2120 ± 170	<7,85	<10,9	26,4
7	2008/0160	<3,71	43,3 ± 19,4	1510 ± 140	<9,66	<13,3	20,4
8	2008/0230	<3,63	61,0 ± 17,9	2490 ± 210	<9,81	<13,0	22,9
9	2008/0297	<3,79	41,9 ± 17,9	2850 ± 240	<10,2	<13,9	32,4
10	2008/0326	<4,41	31,2 ± 19,9	3810 ± 310	<11,6	<15,5	16,9
11	2008/0366	0,776 ± 0,998	60,5 ± 16,9	2900 ± 230	<8,46	<9,79	24,6
12	2008/0395	<3,69	36,8 ± 18,8	2960 ± 240	<9,88	<13,8	10,2
13	2008/0411	<3,74	23,0 ± 17,9	1770 ± 150	<10,3	<14,0	11,8
14	2008/0497	<1,60	54,3 ± 14,5	4730 ± 370	<5,96	<6,92	18,8
15	2008/0516	<2,75	<42,8	2580 ± 220	<9,35	<12,4	19,7
16	2008/0533	<3,46	31,8 ± 16,9	2890 ± 230	<8,85	<12,1	25,6
17	2008/0604	<2,31	<37,3	2260 ± 200	<7,90	<10,8	15,7
18	2008/0622	<3,07	50,0 ± 18,4	4830 ± 370	<8,42	<11,1	22,1
19	2008/0641	<3,02	31,7 ± 16,0	2850 ± 230	<8,04	<11,0	17,0
20	2008/0664	<3,58	52,7 ± 18,1	3620 ± 280	<9,75	<12,0	22,1
21	2008/0698	<3,54	52,4 ± 22,1	3370 ± 270	<9,42	<11,8	26,4
22	2008/0776	<2,12	<33,9	2170 ± 180	<7,50	<10,2	33,2
23	2008/0799	<3,70	48,6 ± 18,1	5600 ± 430	<9,67	<12,1	44,2
24	2008/0844	<2,41	<41,4	4330 ± 350	<8,26	<10,7	22,4
25	2008/0861	<3,43	50,5 ± 18,2	2940 ± 230	<8,96	<12,0	19,9
26	2008/0957	<2,32	<40,0	4240 ± 340	<6,90	<10,2	27,2

Table 90 Aerosol activity (gamma spectrometry) - SDS Levice, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0979	<2,19	<36,3	4290 ± 340	<7,67	<10,0	22,1
28	2008/1061	<2,12	<38,6	4450 ± 360	<8,08	<10,4	20,4
29	2008/1085	<2,35	<38,3	3250 ± 260	<7,41	<9,72	24,8
30	2008/1100	<2,81	53,7 ± 15,8	3480 ± 270	<7,16	<9,86	16,0
31	2008/1169	<2,30	51,0 ± 17,7	3750 ± 300	<6,80	<9,68	19,7
32	2008/1183	<2,91	48,0 ± 16,6	4650 ± 360	<7,60	<10,6	22,8
33	2008/1210	<2,40	<35,1	4080 ± 330	<7,14	<10,0	19,6
34	2008/1235	<2,97	64,7 ± 17,6	3800 ± 290	10,1 ± 6,3	<10,3	23,0
35	2008/1281	<2,32	41,5 ± 16,9	3240 ± 260	<7,48	<10,1	24,7
36	2008/1358	<2,94	<48,0	3330 ± 280	<9,50	<12,7	28,8
37	2008/1396	<2,80	83,2 ± 19,2	4140 ± 320	15,4 ± 7,0	<8,69	42,8
38	2008/1411	<1,66	<26,3	3180 ± 250	12,0 ± 5,5	<7,26	18,9
39	2008/1498	<3,02	30,7 ± 13,4	947 ± 82	<7,59	<10,4	12,6
40	2008/1515	<2,35	<35,3	3750 ± 300	12,1 ± 6,6	<9,81	20,4
41	2008/1551	<2,71	30,9 ± 16,4	2290 ± 190	20,4 ± 8,0	<11,5	11,9
42	2008/1571	<2,79	55,6 ± 15,3	1080 ± 100	21,8 ± 6,5	<9,96	17,8
43	2008/1593	<2,51	37,0 ± 12,6	2380 ± 190	7,41 ± 5,60	<9,13	27,4
44	2008/1641	<2,96	33,8 ± 15,2	2530 ± 200	<7,53	<10,9	29,8
45	2008/1714	<2,66	<39,7	2820 ± 330	<8,76	<11,6	25,6
46	2008/1739	<2,41	29,0 ± 11,4	3600 ± 280	5,78 ± 5,14	<8,61	33,7
47	2008/1754	<2,61	<16,5	1930 ± 160	<6,11	<9,01	25,4
48	2008/1831	1,83 ± 1,71	<28,0	1800 ± 150	<7,62	<9,30	11,9
49	2008/1871	<2,29	55,8 ± 21,0	1680 ± 200	<7,35	<10,2	16,2
50	2008/1891	<3,04	21,2 ± 12,1	1530 ± 130	12,8 ± 6,4	<10,7	17,0
51	2008/1936	<3,30	<35,1	2410 ± 200	<8,23	<11,5	15,3
52	2008/2053	<2,61	<36,7	1460 ± 180	<8,36	<11,8	11,9

Table 91 Aerosol activity (gamma spectrometry) - SDS Levice, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0003	<2,47	<2,39	49,3 ± 11,6	1990 ± 99	<11,7	<17,3	20,8
2	2005/0018	<2,74	<2,40	<25,8	1670 ± 89	<11,6	<17,4	26,1
3	2005/0039	<2,27	<2,12	28,6 ± 8,5	2120 ± 105	<10,0	<15,0	26,7
4	2005/0054	<1,82	1,31 ± 0,70	22,3 ± 9,0	1590 ± 80	<10,3	<15,5	16,9
5	2005/0123	<2,15	<2,21	<24,7	2640 ± 83	<10,6	<14,9	29,8
6	2005/0154	<1,98	<2,13	<22,6	4530 ± 217	<10,9	<15,7	49,6
7	2005/0188	<2,04	<1,90	<20,0	1000 ± 56	<9,83	<14,8	53,0
8	2005/0253	<1,96	<1,92	<20,2	1250 ± 64	<9,28	<13,7	26,8
9	2005/0268	<2,05	<2,12	<21,2	1800 ± 91	<9,96	<14,6	41,0
10	2005/0303	<2,21	<2,22	16,4 ± 9,2	2940 ± 141	<10,9	<13,8	40,1
11	2005/0330	<2,48	<2,26	<27,9	3040 ± 150	<11,9	<17,5	34,6
12	2005/0347	<1,78	<1,81	<19,2	4930 ± 231	<9,67	<14,3	38,1
13	2005/0375	<2,38	<2,27	<25,0	4220 ± 204	<12,0	<18,0	45,7
14	2005/0394	<1,76	<1,84	<23,6	6760 ± 313	<10,1	<14,2	75,5
15	2005/0426	<1,77	<1,79	<19,1	5920 ± 273	<8,97	<10,9	53,7
16	2005/0487	<1,84	<1,77	<19,9	3950 ± 188	<8,73	<12,8	35,7
17	2005/0553	<2,33	<2,28	<26,0	4700 ± 226	<11,6	<17,0	29,7
18	2005/0636	<1,79	<1,77	<18,1	5450 ± 254	<8,72	<13,4	36,7
19	2005/0663	<1,89	<1,75	<17,2	3310 ± 158	<8,65	<13,2	22,8
20	2005/0696	<2,15	<2,25	<23,8	3140 ± 150	<8,72	<14,3	25,8
21	2005/0750	<2,00	<1,88	<22,7	4930 ± 228	<8,96	<11,1	29,8
22	2005/0817	<2,21	<2,04	<26,5	5620 ± 262	<10,1	<14,6	41,6
23	2005/0856	<2,32	<2,09	<23,0	6380 ± 301	<9,74	<13,9	26,8
24	2005/0876	<2,04	<1,99	<22,0	4770 ± 221	<8,17	<11,8	22,8
25	2005/0908	<2,04	<1,85	<22,8	5340 ± 247	<8,11	<12,5	33,7
26	2005/1005	<2,37	<2,16	<25,4	5370 ± 251	<9,79	<14,6	34,6

Table 92 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1025	<2,26	<2,14	<23,7	3520 ± 170	<9,55	<14,0	19,0
28	2005/1056	<2,23	<2,31	<24,5	3890 ± 189	<10,4	<14,5	24,8
29	2005/1074	<2,33	<2,13	<27,6	5800 ± 277	12,4 ± 5,0	<16,7	28,6
30	2005/1090	<2,11	<2,14	17,1 ± 8,0	3600 ± 168	<8,02	<12,2	31,0
31	2005/1162	<2,20	<2,17	<26,7	5160 ± 243	12,8 ± 4,7	<15,7	36,5
32	2005/1193	<2,29	<2,03	<23,4	2430 ± 120	13,3 ± 4,2	<16,0	9,91
33	2005/1241	<2,19	<2,07	<23,5	3020 ± 148	11,6 ± 4,2	<15,9	17,4
34	2005/1367	<2,32	<2,22	39,4 ± 9,9	3520 ± 170	<10,7	<14,5	19,7
35	2005/1382	<2,09	<2,04	35,7 ± 9,6	5230 ± 244	<10,4	<13,0	20,9
36	2005/1420	<2,13	<2,02	<21,1	5030 ± 241	<10,8	<15,4	27,4
37	2005/1441	<2,33	<2,05	<24,7	4540 ± 215	<11,9	<15,8	33,5
38	2005/1456	<2,26	<2,09	<22,0	2620 ± 132	<10,5	<16,3	11,3
39	2005/1519	<2,15	<2,19	38,9 ± 9,6	4330 ± 204	<10,6	<14,3	22,9
40	2005/1547	<2,10	<1,94	31,5 ± 8,2	3030 ± 147	<9,59	<14,0	17,8
41	2005/1591	<2,48	<2,21	55,0 ± 12,7	4440 ± 212	<11,0	<16,6	34,7
42	2005/1610	<2,11	<1,98	30,6 ± 7,7	2310 ± 111	<8,49	<11,2	24,8
43	2005/1631	<1,94	<1,88	<22,4	2140 ± 106	10,5 ± 3,6	<14,1	23,7
44	2005/1723	<2,15	<2,05	32,6 ± 7,9	2920 ± 141	<10,2	<14,7	34,8
45	2005/1777	<1,99	<1,93	26,0 ± 7,3	1660 ± 82	<8,56	<11,5	54,4
46	2005/1883	<2,10	<2,00	<24,4	1450 ± 78	<10,1	<15,2	46,2
47	2005/1898	<1,51	0,89 ± 0,46	29,7 ± 6,1	1370 ± 67	<7,09	<10,5	21,8
48	2005/1991	<1,86	<1,73	<17,0	1830 ± 89	<8,11	<11,6	23,8
49	2005/2029	<1,90	<1,80	<22,1	1500 ± 78	<10,1	<15,7	21,8
50	2005/2055	<2,10	<2,15	<21,7	2210 ± 112	<9,44	<15,1	33,8
51	2005/2121	<2,19	<2,20	23,9 ± 8,2	1640 ± 84	<9,60	<15,8	14,9
52	2005/2136	<2,42	<2,17	<23,7	1550 ± 84	<11,3	<17,6	19,8

Table 93 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť'
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0004	<4,20	<42,9	1240 ± 70	<12,5	<15,2	20,8
2	2006/0019	<4,58	26,3 ± 8,3	5680 ± 270	<11,4	<15,3	39,4
3	2006/0035	<5,20	43,3 ± 10,1	1870 ± 100	<12,8	<18,9	45,9
4	2006/0051	<5,29	<59,2	3170 ± 160	<13,6	<17,5	50,4
5	2006/0066	<5,43	33,8 ± 10,8	2650 ± 130	<14,6	<19,1	64,6
6	2006/0081	<4,21	29,9 ± 9,1	1570 ± 80	<11,4	<16,3	65,5
7	2006/0099	<5,36	<62,4	1500 ± 80	<14,8	<20,4	34,7
8	2006/0128	<3,25	19,1 ± 7,1	995 ± 50	<8,39	<11,5	33,7
9	2006/0146	<5,30	<60,3	1690 ± 90	<13,7	<18,6	34,0
10	2006/0259	<3,84	15,2 ± 7,4	2920 ± 140	<9,81	<13,5	29,8
11	2006/0297	<3,83	29,2 ± 7,4	2140 ± 100	<8,86	<13,9	40,0
12	2006/0366	<4,95	<50,5	1710 ± 90	<10,8	<17,6	51,7
13	2006/0391	<4,90	<55,6	2220 ± 110	<12,4	<17,2	46,0
14	2006/0413	<3,57	<40,8	3130 ± 150	<7,98	<12,9	16,5
15	2006/0444	<3,97	20,3 ± 8,6	4790 ± 220	<10,3	<14,4	41,0
16	2006/0509	<3,81	<40,4	4560 ± 210	<10,4	<14,1	28,1
17	2006/0532	<4,07	25,6 ± 9,0	4670 ± 220	<10,5	<14,3	40,0
18	2006/0593	<2,49	20,3 ± 5,6	3730 ± 170	<6,61	<8,15	32,3
19	2006/0643	2,02 ± 0,67	33,4 ± 8,2	6790 ± 310	<9,95	<14,4	39,8
20	2006/0680	<3,01	24,7 ± 7,0	6000 ± 280	<8,17	<10,9	41,7
21	2006/0717	<5,06	<52,2	5180 ± 240	<12,0	<17,7	25,9
22	2006/0775	<2,99	<34,5	3570 ± 170	10,7 ± 3,8	<11,7	15,8
23	2006/0792	<4,74	<52,2	3100 ± 150	<12,2	<17,4	15,2
24	2006/0811	<4,06	<49,6	4620 ± 220	<11,6	<14,9	18,5
25	2006/0846	<3,51	33,0 ± 7,6	6800 ± 310	14,1 ± 4,1	<12,9	30,1
26	2006/0862	<3,55	28,3 ± 7,9	5760 ± 270	<9,29	<12,9	25,4

Table 94 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0929	<2,49	19,7 ± 4,9	5310 ± 240	<6,92	<9,66	17,8
28	2006/0965	<3,59	35,9 ± 8,6	8190 ± 370	13,5 ± 4,2	<13,4	26,9
29	2006/0980	<2,94	<33,0	6240 ± 290	<7,82	<10,2	20,6
30	2006/1106	<2,93	39,3 ± 7,1	6940 ± 320	<7,83	<10,9	34,3
31	2006/1133	<3,54	<41,6	6840 ± 320	<10,1	<13,0	34,3
32	2006/1152	<3,40	<40,9	2510 ± 120	<9,68	<13,7	11,9
33	2006/1170	<4,67	<51,9	3240 ± 160	<9,48	<16,1	13,6
34	2006/1191	<3,60	22,8 ± 7,4	4420 ± 210	<9,36	<13,9	17,0
35	2006/1274	<3,46	<38,1	3150 ± 150	<8,66	<12,4	15,3
36	2006/1321	<2,93	<29,8	2910 ± 140	<7,20	<9,88	13,7
37	2006/1353	<3,80	21,3 ± 7,3	3580 ± 170	<9,26	<13,2	18,5
38	2006/1371	<2,44	31,4 ± 5,2	4790 ± 220	<6,06	<8,39	24,8
39	2006/1389	<2,85	18,4 ± 5,9	4700 ± 220	<6,92	<10,5	22,1
40	2006/1484	<3,68	<43,2	3470 ± 160	<8,89	<14,0	31,3
41	2006/1502	<3,87	23,0 ± 7,4	3180 ± 150	<9,09	<14,1	17,0
42	2006/1576	<3,73	16,4 ± 8,7	4190 ± 200	8,95 ± 3,50	<14,4	30,4
43	2006/1661	<4,20	<47,4	2720 ± 130	<10,7	<15,4	33,7
44	2006/1676	<3,67	25,5 ± 6,5	4600 ± 210	<9,44	<11,1	18,6
45	2006/1717	<3,53	22,3 ± 7,0	3780 ± 180	<8,32	<12,7	16,8
46	2006/1740	<4,58	<49,7	2370 ± 120	<9,42	<16,7	18,9
47	2006/1767	<2,44	22,2 ± 5,4	1430 ± 70	8,10 ± 2,69	<8,48	42,5
48	2006/1883	<3,88	16,4 ± 7,6	801 ± 44	11,5 ± 3,6	<12,3	29,7
49	2006/1901	<2,42	19,8 ± 5,6	1700 ± 80	<6,10	<8,84	36,9
50	2006/1916	<3,68	27,6 ± 7,4	1180 ± 60	<6,71	<13,5	24,4
51	2006/1931	<2,94	25,0 ± 6,8	1490 ± 70	<6,67	<10,7	23,9
52	2006/1964	<2,69	30,0 ± 5,9	1630 ± 80	<6,48	<10,1	31,3

Table 95 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0005	<2,99	35,0 ± 6,4	1240 ± 60	<7,29	<10,9	24,7
2	2007/0020	<3,44	13,8 ± 6,9	1160 ± 60	<7,50	<11,9	13,8
3	2007/0038	<2,98	32,4 ± 6,1	2380 ± 110	<7,89	<9,88	24,7
4	2007/0077	<3,25	<35,0	2480 ± 120	<8,58	<12,1	20,3
5	2007/0120	<2,52	<24,9	1510 ± 70	<6,51	<7,56	17,9
6	2007/0154	<3,16	19,2 ± 6,5	1470 ± 70	<7,78	<8,71	14,5
7	2007/0169	<3,09	31,0 ± 8,0	1580 ± 80	<7,50	<10,1	19,5
8	2007/0186	<3,94	<40,0	1550 ± 80	<9,55	<12,5	28,8
9	2007/0202	<3,90	26,3 ± 6,7	2310 ± 110	<9,51	<12,7	35,7
10	2007/0270	<3,00	<33,9	1860 ± 90	<8,04	<10,6	19,7
11	2007/0290	<3,96	23,7 ± 9,1	2240 ± 110	<10,2	<14,0	31,3
12	2007/0325	<2,68	31,4 ± 6,7	2410 ± 110	13,6 ± 3,5	<8,00	32,4
13	2007/0407	<4,73	18,5 ± 11,1	3270 ± 160	<11,8	<16,9	33,9
14	2007/0424	<2,89	34,4 ± 7,3	4090 ± 190	<7,75	<9,34	48,8
15	2007/0449	<3,87	30,1 ± 8,4	3180 ± 150	<9,01	<14,2	32,9
16	2007/0480	<3,21	40,0 ± 8,6	4360 ± 200	<8,06	<10,9	46,9
17	2007/0495	<3,16	37,8 ± 8,2	4110 ± 190	<8,60	<6,68	42,6
18	2007/0564	<3,92	31,8 ± 7,8	4030 ± 190	<10,0	<13,9	39,9
19	2007/0579	<3,13	20,5 ± 6,8	3270 ± 150	8,22 ± 3,62	<10,5	35,0
20	2007/0624	<3,55	21,5 ± 7,7	2660 ± 130	<9,40	<11,6	31,5
21	2007/0649	<3,33	22,3 ± 6,4	2960 ± 140	<8,64	<10,8	27,1
22	2007/0727	<3,15	21,7 ± 7,1	4040 ± 190	<8,53	<11,6	27,4
23	2007/0775	<3,61	<37,7	1700 ± 80	<9,22	<14,1	15,3
24	2007/0791	<3,87	27,8 ± 7,1	5040 ± 230	<10,0	<13,9	19,5
25	2007/0824	<2,93	25,0 ± 6,1	3390 ± 160	<7,56	<8,85	17,9
26	2007/0839	<3,19	20,6 ± 6,5	3120 ± 150	<7,87	<11,0	23,1

Table 96 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0923	<3,06	<33,6	2960 ± 140	<8,52	<10,7	15,3
28	2007/0940	<4,33	<45,1	3010 ± 150	<11,9	<15,6	14,1
29	2007/1015	<2,96	18,4 ± 5,8	2940 ± 140	<8,55	<6,64	16,9
30	2007/1090	<2,93	28,0 ± 6,2	4250 ± 200	<8,14	<11,5	29,6
31	2007/1120	<2,47	27,2 ± 6,7	3190 ± 150	<7,05	<8,16	18,5
32	2007/1153	<3,94	27,3 ± 7,4	3180 ± 150	<10,2	<13,4	29,2
33	2007/1168	<4,65	<49,4	3290 ± 160	<12,6	<17,1	25,2
34	2007/1236	<4,37	26,1 ± 9,2	3260 ± 160	<12,0	<17,0	24,9
35	2007/1251	<2,44	20,3 ± 5,5	3530 ± 160	<6,61	<7,62	26,8
36	2007/1285	<3,50	15,6 ± 7,2	2770 ± 130	<9,45	<11,9	17,3
37	2007/1304	<3,42	<37,3	1150 ± 60	<8,71	<11,4	8,97
38	2007/1352	<3,37	22,8 ± 7,3	3520 ± 160	<10,0	<12,4	21,8
39	2007/1420	<3,94	44,1 ± 9,9	3560 ± 170	<10,7	<14,2	24,7
40	2007/1447	<3,75	30,6 ± 10,3	2740 ± 130	<9,67	<13,6	24,6
41	2007/1488	<3,81	45,3 ± 9,3	2380 ± 120	<10,0	<13,6	27,2
42	2007/1508	<4,00	63,0 ± 12,4	2190 ± 110	<8,96	<13,7	39,2
43	2007/1541	<4,27	53,1 ± 11,7	1660 ± 90	<10,9	<15,5	33,9
44	2007/1628	<5,10	62,0 ± 11,8	741 ± 46	<12,8	<16,9	26,2
45	2007/1652	<3,84	51,6 ± 10,0	1360 ± 70	<10,4	<13,8	19,6
46	2007/1727	<2,95	40,8 ± 7,9	837 ± 44	<7,94	<10,8	7,64
47	2007/1798	<3,81	51,4 ± 10,8	917 ± 52	<10,5	<13,7	28,1
48	2007/1846	<3,14	58,1 ± 9,5	1900 ± 90	<8,27	<11,2	35,7
49	2007/1861	<3,17	69,5 ± 10,3	1840 ± 90	<8,30	<10,9	32,4
50	2007/1904	<4,18	52,8 ± 10,8	695 ± 44	<11,4	<15,9	19,3
51	2007/1948	<4,60	55,8 ± 12,0	1720 ± 90	<10,4	<15,9	35,0
52	2007/1963	<2,62	50,8 ± 7,5	2780 ± 130	<6,71	<9,18	43,3

Table 97 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0003	2,13 ± 1,36	75,1 ± 22,0	1540 ± 130	<9,32	<12,0	34,4
2	2008/0019	<3,02	57,6 ± 17,9	1810 ± 150	<8,13	<9,42	23,9
3	2008/0034	<3,03	57,8 ± 16,7	2140 ± 170	<7,91	<10,6	28,9
4	2008/0049	<4,64	<53,1	1560 ± 150	<11,8	<14,5	20,4
5	2008/0119	<4,09	42,9 ± 17,0	1790 ± 160	<10,8	<14,0	22,1
6	2008/0134	<2,97	43,5 ± 16,7	1940 ± 160	<7,66	<10,7	27,2
7	2008/0161	<3,53	179 ± 44	1370 ± 140	<9,53	<12,5	18,0
8	2008/0231	<2,89	65,6 ± 18,6	2200 ± 170	<8,30	<10,3	23,9
9	2008/0298	<3,47	63,0 ± 18,5	2880 ± 240	<9,59	<13,1	36,3
10	2008/0327	<3,60	52,7 ± 17,7	3440 ± 270	<9,78	<12,7	18,9
11	2008/0367	<3,87	57,1 ± 21,3	2930 ± 240	<9,93	<13,6	28,0
12	2008/0396	<3,40	43,6 ± 17,3	2770 ± 220	<9,25	<12,2	9,38
13	2008/0412	<4,54	<60,0	1680 ± 160	<12,9	<17,2	11,8
14	2008/0498	<1,88	<29,1	4720 ± 370	<6,99	<8,36	23,1
15	2008/0517	<2,45	38,9 ± 16,6	2370 ± 200	<7,95	<10,3	18,9
16	2008/0534	<3,67	64,1 ± 20,6	2950 ± 240	<9,75	<12,5	32,5
17	2008/0605	<2,57	22,7 ± 14,7	2070 ± 180	<7,76	<10,3	15,6
18	2008/0623	<3,21	<36,6	3800 ± 300	<8,25	<10,8	20,2
19	2008/0642	2,14 ± 2,29	89,9 ± 34,9	3400 ± 280	35,1 ± 17,0	<21,6	18,0
20	2008/0665	<3,58	52,2 ± 17,0	3590 ± 280	<9,40	<12,5	21,8
21	2008/0699	<4,26	57,6 ± 23,8	2370 ± 190	26,2 ± 11,0	<15,4	24,9
22	2008/0777	<2,99	<47,1	2010 ± 180	<8,59	<12,3	22,9
23	2008/0800	1,05 ± 1,07	53,9 ± 21,0	5170 ± 390	<8,56	<11,7	29,6
24	2008/0845	<2,27	52,1 ± 19,0	4220 ± 340	<7,29	<10,4	16,4
25	2008/0862	<3,54	58,1 ± 18,9	2630 ± 210	16,3 ± 8,4	<12,5	13,0
26	2008/0958	<2,16	<37,5	3870 ± 310	<6,96	<9,92	15,3

Table 98 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/Hr. - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0980	<3,07	85,5 ± 24,5	4300 ± 350	<10,6	<13,9	18,4
28	2008/1062	<2,01	<31,9	4370 ± 350	<7,71	<8,99	22,8
29	2008/1086	<2,32	81,9 ± 21,9	3380 ± 270	<7,75	<10,4	28,9
30	2008/1101	<2,80	36,1 ± 15,8	3400 ± 260	<7,45	<9,57	18,5
31	2008/1170	<2,76	<43,8	3660 ± 300	<9,53	<12,3	22,7
32	2008/1184	<2,95	45,5 ± 15,4	4380 ± 340	9,92 ± 6,15	<10,7	25,0
33	2008/1211	<2,81	<44,0	4100 ± 340	<9,32	<12,0	23,8
34	2008/1236	<3,67	62,5 ± 22,5	4190 ± 320	<9,73	<12,4	39,8
35	2008/1282	<2,26	80,3 ± 21,9	3070 ± 250	<7,76	<10,3	53,5
36	2008/1359	<2,44	<43,2	3300 ± 270	<7,61	<10,0	44,9
37	2008/1397	1,00 ± 1,14	93,4 ± 20,6	4790 ± 370	12,3 ± 7,1	<10,2	41,7
38	2008/1412	<2,66	<40,7	2610 ± 220	<8,65	<11,5	17,1
39	2008/1499	<2,72	24,8 ± 13,5	1030 ± 90	<7,87	<9,89	13,6
40	2008/1516	<1,88	<25,4	3510 ± 280	19,3 ± 5,9	<8,15	20,3
41	2008/1552	<1,89	<28,2	2330 ± 190	23,6 ± 6,5	<8,54	12,4
42	2008/1572	<2,70	27,7 ± 15,2	1500 ± 130	25,4 ± 6,8	<9,91	26,8
43	2008/1594	<2,59	34,9 ± 15,2	2480 ± 200	10,8 ± 5,5	<9,17	22,9
44	2008/1642	<2,74	22,2 ± 9,0	2490 ± 200	<6,87	<9,96	34,0
45	2008/1715*	Poznámka: dlhotrvajúce problémy s dodávkou elektrickej energie					
46	2008/1740*						
47	2008/1755*						
48	2008/1832*						
49	2008/1872*						
50	2008/1892*						
51	2008/1937	<2,87	<31,5	2270 ± 180	<7,26	<10,9	22,6
52	2008/2054	<3,00	87,5 ± 15,3	1090 ± 140	<12,3	<12,5	26,5

Table 99 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0004	<2,45	<2,45	<24,5	1770 ± 93	<10,7	<16,4	19,2
2	2005/0019	<1,71	<1,42	<15,8	924 ± 50	<7,33	<11,2	19,8
3	2005/0040	<1,84	<1,71	<19,9	1840 ± 92	<8,67	<12,8	21,3
4	2005/0055	<1,65	<1,75	<17,0	1430 ± 73	<7,42	<12,2	12,5
5	2005/0124	<2,61	<2,49	<26,8	1620 ± 84	<11,9	<17,1	27,3
6	2005/0155*							
7	2005/0189*							
8	2005/0254*							
9	2005/0269	<2,05	<2,02	<21,9	1630 ± 83	<9,27	<14,0	25,9
10	2005/0304	<1,75	<1,84	<16,1	2850 ± 137	<9,19	<12,5	35,8
11	2005/0331	<1,87	<1,84	<14,8	3050 ± 147	<8,95	<12,3	24,3
12	2005/0348	<1,78	<1,64	<18,3	4590 ± 218	<10,7	<15,3	25,2
13	2005/0376	<1,43	1,16 ± 0,50	<16,9	4260 ± 199	<7,31	<9,56	38,1
14	2005/0395	<2,04	<2,14	<25,6	6070 ± 283	<10,7	<14,1	46,5
15	2005/0427	<1,78	<1,77	<22,3	5450 ± 254	<9,01	<12,7	36,3
16	2005/0488	<1,65	<1,77	<22,6	3470 ± 165	<9,10	<13,1	32,3
17	2005/0554	<1,64	<1,63	<17,8	3970 ± 187	<7,84	<11,6	27,3
18	2005/0637	<1,83	<1,63	<21,2	5010 ± 234	<8,94	<12,2	28,5
19	2005/0664	<1,66	<1,62	<17,6	3140 ± 150	<7,50	<12,4	16,1
20	2005/0697	<1,65	<1,52	<19,3	2940 ± 141	<8,20	<12,1	16,7
21	2005/0751	<1,89	<2,16	<25,6	4480 ± 211	<8,95	<12,6	17,9
22	2005/0818	<2,19	<2,33	<22,6	5000 ± 234	<9,05	<12,2	28,6
23	2005/0857	<2,14	<2,08	<21,5	5500 ± 262	<9,04	<13,2	21,5
24	2005/0877	<2,27	<2,01	<23,4	4790 ± 225	<8,82	<12,7	23,2
25	2005/0909	<1,95	<2,03	<22,1	4560 ± 214	<8,37	<12,3	26,2
26	2005/1006	<2,08	<1,89	<24,0	5180 ± 241	<8,29	<12,3	29,1

Poznámky: * Porucha veľkoobjemového presávacieho zariadenia

Table 100 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1026	<1,61	<1,54	22,2 ± 6,9	3230 ± 156	<7,35	<9,02	20,4
28	2005/1057	<1,53	<1,40	30,4 ± 6,6	3620 ± 174	8,50 ± 2,85	<9,80	22,5
29	2005/1075	<1,22	<1,40	<16,1	5800 ± 273	6,89 ± 3,11	<10,5	25,7
30	2005/1091	<1,64	<1,58	<17,2	3670 ± 176	7,86 ± 3,08	<12,7	30,6
31	2005/1163	<1,54	<1,49	29,7 ± 7,4	4700 ± 222	5,89 ± 2,99	<11,7	41,5
32	2005/1194	<1,51	<1,36	<15,1	2420 ± 119	6,07 ± 3,08	<10,6	11,3
33	2005/1242	<1,57	<1,67	<17,5	3480 ± 165	<5,37	<10,8	17,7
34	2005/1368	<1,48	<1,55	<18,6	3640 ± 177	8,43 ± 3,92	<13,0	20,8
35	2005/1385	<1,80	<1,67	<16,9	4970 ± 236	<9,97	<14,7	23,5
36	2005/1421	<1,71	<1,84	<19,4	5070 ± 238	<6,69	<10,9	26,1
37	2005/1442	<2,12	<1,89	<19,6	3350 ± 162	<10,0	<14,3	31,9
38	2005/1457	<1,67	<1,41	<16,5	2980 ± 143	<7,99	<11,1	12,0
39	2005/1520	<1,97	<1,63	<22,5	4190 ± 197	<9,51	<13,4	22,1
40	2005/1548	<1,96	<2,03	37,5 ± 7,6	2950 ± 143	<8,97	<12,9	17,8
41	2005/1592	<1,44	2,41 ± 0,67	16,8 ± 8,9	4660 ± 218	<7,13	<8,64	29,1
42	2005/1611	<1,78	<1,89	20,8 ± 7,2	2190 ± 109	<8,89	<12,6	22,6
43	2005/1632	<1,73	<1,84	<19,9	2210 ± 109	<9,20	<12,7	23,3
44	2005/1724	<1,85	<1,74	25,9 ± 7,5	3480 ± 166	8,94 ± 2,85	<12,7	31,3
45	2005/1778	<1,75	<1,70	26,1 ± 8,4	1430 ± 73	<8,95	<12,9	50,0
46	2005/1884	<2,03	<2,08	<20,7	1160 ± 63	<9,49	<14,5	43,8
47	2005/1899	<1,73	<1,73	<17,1	1330 ± 68	<7,09	<10,9	17,3
48	2005/1992	<1,75	<1,74	10,1 ± 5,1	1300 ± 65	<6,31	<8,48	20,8
49	2005/2030	<1,78	<1,60	<18,0	1370 ± 72	<7,88	<11,9	17,7
50	2005/2056	<1,63	<1,63	16,7 ± 7,1	2150 ± 105	<7,99	<10,7	27,7
51	2005/2122	<1,63	<1,72	<19,7	1760 ± 89	<7,81	<11,2	11,9
52	2005/2137	<1,63	<1,56	<16,1	826 ± 45	<6,78	<10,5	15,5

Table 101 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0005	<4,25	<44,1	1180 ± 60	<10,9	<14,3	13,2
2	2006/0020	<4,33	<43,6	5280 ± 250	<11,6	<14,9	21,0
3	2006/0036	<3,45	<36,7	1940 ± 100	<8,44	<12,2	38,8
4	2006/0052	<3,21	<38,2	3070 ± 150	<8,38	<11,3	34,9
5	2006/0067	<4,18	<50,2	4100 ± 200	<11,2	<14,2	45,0
6	2006/0082	<3,69	<40,9	1920 ± 100	<9,10	<12,2	48,3
7	2006/0100	<3,49	<36,6	1960 ± 100	<8,69	<12,7	30,3
8	2006/0129	<3,57	<39,6	1070 ± 60	<9,42	<12,8	22,0
9	2006/0147	<3,51	24,2 ± 6,3	1810 ± 90	<9,67	<12,6	22,1
10	2006/0260	<3,53	<39,4	2870 ± 140	<8,67	<12,5	20,3
11	2006/0298	<3,59	17,2 ± 7,7	2390 ± 120	<8,51	<12,5	29,8
12	2006/0367	2,00 ± 0,58	21,6 ± 7,9	2420 ± 120	<9,39	<12,7	41,0
13	2006/0392	<3,39	30,3 ± 6,3	1470 ± 70	<8,19	<12,8	29,2
14	2006/0414	<3,46	<36,8	3050 ± 150	<9,04	<12,8	10,7
15	2006/0445	<3,38	<37,1	4740 ± 220	<9,18	<12,8	26,4
16	2006/0510	<3,59	<37,2	3770 ± 180	<7,37	<12,3	19,6
17	2006/0533	<3,64	23,3 ± 6,1	4860 ± 230	<9,40	<12,8	47,0
18	2006/0594	<3,47	18,3 ± 6,7	3680 ± 170	<9,30	<12,3	39,3
19	2006/0644	1,51 ± 0,69	26,5 ± 8,0	6720 ± 310	<9,83	<13,2	46,4
20	2006/0681	<2,27	18,3 ± 4,5	5920 ± 270	<6,04	<7,58	31,6
21	2006/0716	<3,54	<38,0	5720 ± 270	<6,43	<12,6	19,3
22	2006/0776	<3,40	<33,4	3840 ± 180	<8,88	<12,3	13,2
23	2006/0793	<3,66	<37,3	3190 ± 150	<9,06	<12,7	13,0
24	2006/0812	<2,94	<33,6	4990 ± 230	<9,03	<11,6	16,9
25	2006/0847	<3,92	<42,8	6030 ± 280	<10,8	<15,2	29,0
26	2006/0863	<3,46	<39,4	5950 ± 280	<9,39	<12,8	25,2

Table 102 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0930	<2,94	<35,2	5180 ± 240	<8,18	<10,9	16,6
28	2006/0966	<3,81	<42,9	8110 ± 380	<8,64	<14,8	25,1
29	2006/0981	<3,52	<36,0	6060 ± 280	<9,09	<12,4	24,0
30	2006/1107	1,66 ± 0,55	<39,4	6940 ± 320	<9,19	<12,6	37,4
31	2006/1134	<3,43	20,0 ± 6,3	6890 ± 320	<9,45	<12,7	31,4
32	2006/1153	<3,38	<36,4	2490 ± 120	<8,79	<12,7	13,1
33	2006/1171	<3,17	<35,9	3140 ± 150	<7,79	<11,2	15,5
34	2006/1192	<3,60	<39,7	5030 ± 230	<8,92	<11,1	22,1
35	2006/1275	<5,25	59,9 ± 10,6	2470 ± 130	<12,7	<18,6	23,1
36	2006/1322*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
37	2006/1354	<3,17	11,4 ± 6,9	3560 ± 170	<8,17	<11,3	20,7
38	2006/1372	<3,18	31,0 ± 7,0	5260 ± 240	<8,43	<12,3	31,0
39	2006/1390	<3,13	34,3 ± 6,7	4860 ± 230	<8,13	<11,5	25,6
40	2006/1485	<3,22	34,9 ± 7,9	4930 ± 230	<8,42	<12,2	39,1
41	2006/1503	<3,01	<35,5	3410 ± 160	<8,15	<11,6	21,5
42	2006/1577	<3,09	26,9 ± 7,4	4570 ± 210	6,97 ± 3,00	<12,0	34,0
43	2006/1662	<3,22	22,4 ± 6,1	4140 ± 190	<8,04	<10,8	39,5
44	2006/1677	<3,32	<38,8	5110 ± 240	<8,81	<12,5	19,5
45	2006/1718	<3,99	20,9 ± 7,5	4300 ± 200	<10,4	<14,8	19,4
46	2006/1741	<3,19	15,2 ± 5,9	2300 ± 110	<7,87	<11,3	21,0
47	2006/1768	<3,23	15,2 ± 7,0	1090 ± 60	<6,62	<11,5	44,6
48	2006/1884	<2,00	6,65 ± 3,62	1010 ± 50	<5,33	<6,74	27,9
49	2006/1902	<3,40	<36,5	1660 ± 80	<8,13	<12,2	40,7
50	2006/1917	<3,10	36,3 ± 6,5	905 ± 48	<6,18	<10,9	23,6
51	2006/1932	<3,24	<37,1	1760 ± 90	<7,43	<10,9	21,7
52	2006/1965	<3,22	<34,7	1430 ± 70	<8,07	<12,4	25,6

Table 103 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0006	<3,30	<36,5	1350 ± 70	<7,82	<11,3	25,0
2	2007/0021	<3,70	<38,0	1370 ± 70	<9,27	<12,8	12,6
3	2007/0039*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
4	2007/0078	<3,36	<37,0	2720 ± 130	<8,39	<12,2	15,6
5	2007/0121	<3,25	<37,1	1630 ± 80	<8,40	<11,9	16,7
6	2007/0155	<3,08	13,8 ± 5,7	1460 ± 70	<8,14	<11,4	11,3
7	2007/0170	<3,31	<34,0	1750 ± 90	<7,99	<12,4	13,7
8	2007/0187	<3,28	<39,0	1740 ± 90	<8,69	<12,6	18,4
9	2007/0203	<3,56	<39,1	2190 ± 110	<8,69	<12,3	26,8
10	2007/0271	<3,29	18,8 ± 6,2	1990 ± 100	<8,33	<10,6	12,0
11	2007/0291	0,983 ± 0,427	14,9 ± 5,3	2660 ± 130	<8,32	<11,4	23,1
12	2007/0326	<3,48	49,3 ± 8,5	2560 ± 130	<8,69	<12,0	23,3
13	2007/0408	<3,13	18,6 ± 7,1	2980 ± 140	<8,48	<12,2	29,2
14	2007/0425	<3,56	27,9 ± 7,4	4530 ± 210	<9,19	<11,0	31,6
15	2007/0450	<3,39	13,7 ± 6,7	3310 ± 160	<6,65	<12,6	21,8
16	2007/0481	<3,21	<40,1	4620 ± 220	<8,41	<11,3	28,7
17	2007/0496	<3,49	<37,5	4460 ± 210	<9,94	<12,6	29,8
18	2007/0565	<3,61	26,2 ± 6,8	4210 ± 200	<9,29	<12,6	39,2
19	2007/0580	<3,29	14,7 ± 6,9	3360 ± 160	<8,99	<12,4	21,5
20	2007/0625	<3,11	<31,9	2860 ± 140	<9,21	<12,3	19,1
21	2007/0650	<3,36	22,9 ± 7,0	3310 ± 160	<8,80	<11,3	22,6
22	2007/0728	<3,54	<41,2	4280 ± 200	<9,37	<12,2	29,2
23	2007/0776	<3,19	<30,1	1960 ± 100	<8,15	<11,6	13,7
24	2007/0792	<3,67	<38,7	5330 ± 250	<9,41	<13,2	18,4
25	2007/0825	<3,43	<39,1	4000 ± 190	<9,05	<12,0	18,5
26	2007/0840	<3,20	<37,3	3450 ± 160	<8,36	<11,6	17,2

Table 104 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0924	<3,28	<36,2	3190 ± 150	<9,34	<12,3	23,2
28	2007/0941	<2,92	13,2 ± 5,6	3160 ± 150	<8,28	<9,95	17,7
29	2007/1016	<3,90	24,8 ± 9,0	3410 ± 170	<10,6	<15,2	20,9
30	2007/1091	<3,58	<41,2	4570 ± 220	<8,89	<13,6	35,6
31	2007/1121	<3,44	<38,5	3370 ± 160	<9,14	<11,9	17,9
32	2007/1154	<3,23	<38,5	3500 ± 170	<8,15	<11,4	21,0
33	2007/1169	<3,29	27,0 ± 6,2	3670 ± 170	<8,62	<10,8	18,9
34	2007/1237	<3,99	<41,9	3830 ± 180	<11,3	<14,5	19,5
35	2007/1252	<3,10	<36,2	3780 ± 180	<8,99	<11,8	21,4
36	2007/1286	<3,05	<32,6	3020 ± 140	<8,05	<11,1	11,4
37	2007/1305	<3,06	<35,1	1200 ± 60	<8,68	<11,3	12,6
38	2007/1353	<4,13	<43,5	4080 ± 190	<11,0	<14,1	19,4
39	2007/1421	<3,54	44,8 ± 9,2	3920 ± 190	<10,4	<13,0	18,0
40	2007/1448	<3,23	30,5 ± 7,7	2980 ± 140	<8,31	<11,9	18,9
41	2007/1489	<3,55	<36,8	2670 ± 130	<9,04	<12,5	20,8
42	2007/1509	<3,29	24,2 ± 6,6	2810 ± 140	<8,85	<11,0	27,4
43	2007/1542	<3,31	<40,7	1820 ± 90	<8,59	<12,6	15,5
44	2007/1629	<3,18	37,0 ± 10,1	895 ± 49	<7,97	<11,6	23,6
45	2007/1653	<3,34	38,4 ± 8,5	1530 ± 80	<8,96	<11,7	14,1
46	2007/1728	<3,16	29,4 ± 7,3	958 ± 51	<8,28	<11,4	7,11
47	2007/1799	<3,54	38,0 ± 11,2	1010 ± 60	<10,7	<14,7	21,4
48	2007/1847	<3,14	23,5 ± 9,3	1930 ± 100	<9,05	<11,7	25,1
49	2007/1862	<3,32	38,4 ± 9,4	2220 ± 110	<8,69	<11,7	23,9
50	2007/1905	<2,93	39,7 ± 8,3	900 ± 49	<7,75	<10,5	18,7
51	2007/1949	<3,15	48,7 ± 8,5	1700 ± 80	<7,81	<11,1	27,5
52	2007/1964	<3,23	29,3 ± 8,0	2850 ± 140	<8,32	<11,2	40,7

Table 105 Aerosol activity (gamma spectrometry) - SDS Mochovce , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0004	<2,51	57,2 ± 16,1	1660 ± 130	<6,37	<8,77	28,2
2	2008/0020	<3,73	32,4 ± 14,9	1180 ± 110	<10,0	<13,2	14,0
3	2008/0035	<3,44	35,7 ± 18,1	2280 ± 190	<9,05	<12,3	22,4
4	2008/0050	<3,19	<39,8	1310 ± 120	<8,19	<11,0	13,4
5	2008/0120	<3,57	26,1 ± 16,4	1850 ± 160	<9,53	<12,7	16,8
6	2008/0135	<3,02	<39,2	2220 ± 190	<7,95	<10,9	26,1
7	2008/0162	<3,18	29,4 ± 15,4	1800 ± 160	<8,48	<11,5	23,1
8	2008/0232	<4,04	41,2 ± 18,0	2840 ± 240	<10,2	<13,7	23,8
9	2008/0299	<2,63	24,2 ± 13,6	3420 ± 270	<7,42	<9,09	29,6
10	2008/0328	<3,65	45,2 ± 19,3	3980 ± 320	<10,4	<14,1	16,0
11	2008/0368	<3,36	46,5 ± 16,8	3320 ± 270	<9,14	<12,2	23,8
12	2008/0397	<3,33	36,5 ± 16,1	2870 ± 240	<9,18	<12,4	9,72
13	2008/0413	<2,82	31,4 ± 13,5	1900 ± 160	<8,06	<11,8	11,6
14	2008/0499	<2,17	18,4 ± 14,6	4990 ± 400	<7,20	<9,23	16,7
15	2008/0518	<1,89	<32,5	2340 ± 200	<6,53	<9,37	19,0
16	2008/0535	<3,75	30,1 ± 16,7	3070 ± 250	<10,3	<13,3	20,8
17	2008/0606	<1,80	<27,9	2320 ± 190	<5,79	<7,95	13,6
18	2008/0624	<3,73	29,2 ± 16,8	5210 ± 410	<9,62	<12,1	23,2
19	2008/0643	<3,67	28,8 ± 17,4	2870 ± 230	<8,52	<12,2	17,8
20	2008/0666	<3,36	28,6 ± 18,4	4050 ± 320	<8,96	<12,6	19,1
21	2008/0700	<2,93	26,2 ± 13,9	3460 ± 280	<9,04	<11,8	19,1
22	2008/0778	<2,09	<35,0	2380 ± 200	<6,48	<8,66	14,3
23	2008/0801	<3,44	39,3 ± 15,6	6090 ± 470	<9,30	<12,0	28,1
24	2008/0846	<1,84	<28,1	4350 ± 350	<5,39	<8,06	16,7
25	2008/0863	<3,86	48,8 ± 18,3	2580 ± 220	<9,85	<14,1	16,0
26	2008/0959	<1,93	<30,6	4250 ± 340	<6,44	<8,95	18,9

Table 106 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0981	<1,97	<31,8	4360 ± 350	<6,73	<9,02	19,7
28	2008/1063	<1,79	<33,5	4380 ± 350	<6,39	<9,20	18,4
29	2008/1087	<2,10	<33,3	3250 ± 270	<6,91	<9,66	21,0
30	2008/1102	<3,22	31,0 ± 15,9	3590 ± 290	<7,58	<11,7	13,6
31	2008/1167	<1,99	<33,1	4070 ± 330	<6,88	<9,12	16,7
32	2008/1185	<3,18	16,0 ± 15,8	4460 ± 350	<7,65	<12,0	20,3
33	2008/1212	<2,28	<33,3	4270 ± 340	<6,23	<9,19	19,6
34	2008/1237	<3,50	43,0 ± 18,2	3830 ± 310	7,05 ± 6,01	<12,5	17,0
35	2008/1283	<2,02	<31,8	3220 ± 260	<6,79	<8,76	19,0
36	2008/1360	<2,21	45,8 ± 18,4	3700 ± 300	<7,26	<9,06	24,9
37	2008/1398	<3,13	55,5 ± 18,0	4640 ± 360	10,8 ± 6,1	<10,6	36,9
38	2008/1413	<2,08	<28,6	2640 ± 220	<6,56	<8,74	18,2
39	2008/1500	<2,17	18,9 ± 9,8	1080 ± 90	<5,51	<7,96	17,7
40	2008/1517	<2,06	<28,2	3690 ± 300	6,84 ± 5,36	<9,13	17,8
41	2008/1553	<3,03	23,9 ± 14,3	2160 ± 180	<8,02	<11,2	15,3
42	2008/1573	<2,47	26,7 ± 11,8	1360 ± 120	10,4 ± 5,3	<8,37	18,8
43	2008/1595	<2,26	35,1 ± 10,6	2350 ± 190	<5,09	<7,67	24,4
44	2008/1643	<2,33	9,19 ± 9,94	2440 ± 190	<5,77	<8,35	27,4
45	2008/1716	<2,41	30,3 ± 10,8	3350 ± 260	8,69 ± 5,07	<8,26	21,4
46	2008/1741	<2,94	<33,1	3770 ± 310	9,43 ± 5,46	<10,4	35,0
47	2008/1756	<3,16	18,7 ± 11,6	2020 ± 180	8,90 ± 5,75	<11,4	21,4
48	2008/1833	<2,76	<28,2	1880 ± 160	8,09 ± 4,86	<9,31	9,54
49	2008/1873	<3,32	<33,8	1950 ± 170	12,0 ± 5,8	<11,4	13,3
50	2008/1893	<2,90	17,9 ± 10,8	1540 ± 140	9,74 ± 5,46	<9,97	12,5
51	2008/1938	<3,10	<32,9	2620 ± 220	7,62 ± 5,21	<11,4	10,7
52	2008/2055	<3,25	13,4 ± 11,0	1640 ± 140	9,44 ± 5,95	<10,4	11,8

Table 107 Aerosol activity (gamma spectrometry) - SDS Mochovce , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0005	<2,50	<2,46	48,4 ± 9,8	1940 ± 97	<11,4	<16,2	19,4
2	2005/0020	<2,58	<2,51	<28,6	1400 ± 77	<11,5	<17,2	20,9
3	2005/0041	<2,15	<2,13	25,8 ± 8,2	1720 ± 87	<10,2	<15,3	19,8
4	2005/0056	<2,16	<2,12	<25,0	1650 ± 84	<10,4	<15,4	13,9
5	2005/0125	<2,24	<2,15	<27,0	1570 ± 81	<8,13	<13,4	21,9
6	2005/0156	<1,99	<1,90	<22,0	4700 ± 223	<9,41	<14,1	41,7
7	2005/0190	<2,10	<1,95	26,0 ± 8,8	824 ± 47	<9,92	<15,1	48,6
8	2005/0255	<2,08	<1,89	<21,3	1310 ± 71	<10,3	<15,2	24,2
9	2005/0270	<2,04	<1,97	28,6 ± 9,1	1750 ± 86	<9,92	<14,2	30,3
10	2005/0305	<2,24	<2,10	37,9 ± 11,5	2770 ± 139	<11,8	<15,9	31,8
11	2005/0332	<2,27	<2,26	45,2 ± 9,8	2320 ± 119	<11,5	<17,1	27,4
12	2005/0349	<2,26	<2,16	32,1 ± 10,0	4850 ± 229	<10,9	<15,8	29,5
13	2005/0377	<2,10	<2,32	<26,1	4460 ± 212	<11,3	<14,5	45,5
14	2005/0396	<2,18	<2,14	<24,6	6930 ± 322	<11,1	<15,6	55,7
15	2005/0428	<1,87	<1,67	<18,8	5800 ± 267	<9,05	<11,7	40,7
16	2005/0489	<1,74	<1,62	<19,2	3900 ± 185	<8,33	<13,1	33,7
17	2005/0555	<1,87	<1,65	<19,5	4310 ± 203	<8,83	<13,1	24,8
18	2005/0638	<2,35	<2,15	<23,2	5120 ± 244	<11,5	<16,1	25,7
19	2005/0665	<1,69	<1,64	27,6 ± 8,4	3010 ± 145	<8,01	<12,7	11,9
20	2005/0698	<2,21	<2,17	<23,5	2960 ± 142	<9,72	<14,2	16,9
21	2005/0752	<2,16	<2,06	<23,0	5100 ± 239	<10,2	<14,5	19,9
22	2005/0819	<2,12	<2,27	<25,6	5540 ± 259	<10,2	<14,4	26,2
23	2005/0858	<2,28	<2,28	<24,4	4230 ± 200	<10,4	<14,6	20,4
24	2005/0878	<2,05	<1,85	<21,5	4940 ± 229	<8,39	<11,3	20,8
25	2005/0910	<1,98	<1,93	28,7 ± 8,2	4970 ± 230	<8,10	<11,5	24,8
26	2005/1007	<2,15	<2,12	<22,8	5260 ± 246	<9,44	<13,7	24,7

Table 108 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Týždeň	Rádionuklid	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]
27		2005/1027	<2,33	<2,14	30,4 ± 9,1	3740 ± 180	7,98 ± 4,40	<14,1	22,0
28		2005/1058	<2,65	<2,38	<28,3	3860 ± 190	14,1 ± 5,2	<14,1	30,8
29		2005/1076	<2,37	<2,21	19,3 ± 7,6	5890 ± 272	14,7 ± 4,1	<11,9	29,5
30		2005/1092	<2,19	<2,11	<24,0	3740 ± 175	17,5 ± 3,6	<11,5	30,0
31		2005/1164	<2,61	<2,44	<28,5	5080 ± 247	<10,0	<18,0	39,5
32		2005/1195	<1,85	<1,71	14,2 ± 6,2	2400 ± 114	11,2 ± 3,5	<10,6	10,1
33		2005/1243	<2,21	<2,05	<23,8	3140 ± 156	12,9 ± 4,6	<15,8	15,6
34		2005/1369	<2,01	<1,97	25,4 ± 9,0	3650 ± 173	<8,30	<12,1	18,5
35		2005/1384	<1,82	<1,75	30,9 ± 7,1	4930 ± 228	<8,16	<10,9	25,7
36		2005/1422	<2,18	<1,97	39,7 ± 12,3	4960 ± 238	<11,2	<14,9	40,4
37		2005/1443	<1,90	<1,81	28,1 ± 8,4	3630 ± 171	<9,31	<12,2	32,3
38		2005/1458	<2,34	<2,25	<23,3	2910 ± 145	<11,0	<15,1	12,2
39		2005/1521	<2,16	<2,06	<23,9	4750 ± 223	<10,6	<15,7	23,8
40		2005/1549	<2,10	<2,06	27,5 ± 7,2	2990 ± 141	<7,69	<10,3	20,8
41		2005/1593	<2,37	<2,56	46,1 ± 14,9	5080 ± 243	<11,4	<15,9	31,7
42		2005/1612	<1,76	<1,75	24,2 ± 8,1	2320 ± 110	<7,70	<10,0	22,8
43		2005/1633	<2,14	<1,94	<25,1	1950 ± 103	14,4 ± 4,9	<16,4	25,7
44		2005/1725	<2,12	<2,08	48,7 ± 9,4	3460 ± 166	<10,7	<13,8	33,8
45		2005/1779	<2,39	<2,18	<24,7	1470 ± 83	<11,5	<16,9	52,3
46		2005/1885	<1,85	<1,81	<18,9	1200 ± 60	<7,83	<12,7	45,2
47		2005/1900	<2,06	<2,00	<22,0	1370 ± 74	<10,2	<16,4	19,1
48		2005/1993	<1,81	<1,71	25,9 ± 6,8	1550 ± 77	<8,05	<12,0	21,8
49		2005/2031	<1,98	<2,08	<21,7	1480 ± 76	<9,92	<13,7	20,9
50		2005/2057	<2,30	<2,23	<26,8	1770 ± 96	<11,2	<18,0	32,6
51		2005/2123	<2,24	<2,03	<24,5	1820 ± 93	<9,78	<13,8	12,9
52		2005/2138	<2,24	<2,32	<25,2	1350 ± 74	<11,0	<17,9	14,6

Table 109 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0006	<4,46	<46,7	1240 ± 70	10,2 ± 5,7	<15,9	17,3
2	2006/0021	<5,64	38,7 ± 9,6	5880 ± 280	<14,8	<19,5	36,2
3	2006/0037	<5,87	<60,6	1790 ± 100	<14,2	<19,2	37,8
4	2006/0053	<4,62	56,5 ± 9,4	3210 ± 150	<11,1	<15,7	41,6
5	2006/0068	<5,12	<53,9	2190 ± 110	<13,6	<17,7	54,3
6	2006/0083	<4,43	<48,6	1440 ± 80	<12,4	<15,9	51,6
7	2006/0101	<4,44	<45,6	1120 ± 60	<11,3	<15,7	27,7
8	2006/0130	<5,61	<59,5	740 ± 47	<15,8	<20,2	27,7
9	2006/0148	<5,08	18,3 ± 9,0	1930 ± 100	<13,3	<17,5	28,1
10	2006/0261	<4,83	<47,5	2850 ± 140	<12,7	<17,4	21,2
11	2006/0299	<3,91	<42,5	2130 ± 100	<9,98	<13,9	34,1
12	2006/0368	<5,07	<54,8	1650 ± 90	<12,7	<17,8	45,0
13	2006/0393	<3,73	21,6 ± 8,3	1710 ± 80	<9,84	<14,2	33,5
14	2006/0415	1,42 ± 0,63	<51,5	3180 ± 150	<11,3	<15,1	11,8
15	2006/0446	<2,49	39,4 ± 7,4	4630 ± 210	14,3 ± 3,3	<9,17	29,1
16	2006/0511	<2,36	<26,0	3950 ± 180	<6,60	<8,10	20,4
17	2006/0534	<3,66	30,6 ± 7,6	4790 ± 220	<10,2	<13,9	38,3
18	2006/0595	<5,18	<53,8	3670 ± 180	<13,6	<17,4	34,8
19	2006/0645	2,34 ± 0,75	17,7 ± 8,3	6950 ± 320	<10,1	<13,7	43,2
20	2006/0682	<3,09	31,2 ± 7,5	5380 ± 250	<6,59	<11,1	38,2
21	2006/0714	<4,63	<49,5	5550 ± 260	<12,2	<17,9	22,6
22	2006/0777	<3,61	<42,4	3680 ± 170	<9,94	<13,5	11,2
23	2006/0794	<2,45	17,4 ± 4,6	3210 ± 150	<6,37	<8,15	12,1
24	2006/0813	<4,22	19,1 ± 8,3	4760 ± 220	<11,3	<15,3	17,0
25	2006/0848	<4,52	30,7 ± 8,6	5910 ± 270	<12,0	<16,1	27,0
26	2006/0864	<3,72	21,2 ± 8,3	5970 ± 280	<10,0	<14,5	22,4

Table 110 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0931	<4,32	<52,5	5550 ± 260	<11,6	<16,2	28,7
28	2006/0967	<3,41	22,0 ± 7,1	8120 ± 370	<9,59	<12,1	32,9
29	2006/0982	1,38 ± 0,69	24,2 ± 7,4	6200 ± 290	<10,1	<13,5	23,1
30	2006/1108	<2,55	30,4 ± 6,6	7260 ± 330	8,65 ± 3,04	<8,66	33,6
31	2006/1135	<2,91	<32,8	5900 ± 270	<6,32	<11,7	27,4
32	2006/1154	<3,90	12,4 ± 8,2	2550 ± 120	<9,37	<13,8	11,9
33	2006/1172	<3,69	<41,1	3160 ± 150	<9,40	<13,7	12,7
34	2006/1193	<2,80	<29,8	4530 ± 210	<7,36	<10,7	17,9
35	2006/1276	<2,97	26,6 ± 6,2	3070 ± 140	<7,10	<10,6	17,8
36	2006/1323	<3,77	22,3 ± 6,4	3000 ± 140	<9,06	<13,6	12,7
37	2006/1355	<2,82	28,8 ± 5,4	3640 ± 170	<6,93	<10,7	17,8
38	2006/1373	<2,89	28,5 ± 6,4	5130 ± 240	<7,35	<10,7	25,6
39	2006/1391	<3,00	14,4 ± 6,7	5160 ± 240	<7,20	<10,5	23,7
40	2006/1486	<2,91	37,3 ± 7,2	4430 ± 200	<7,11	<8,56	33,0
41	2006/1504	<3,10	29,9 ± 6,3	3420 ± 160	<7,67	<11,1	14,5
42	2006/1578	<3,42	35,3 ± 6,6	4440 ± 210	<7,28	<12,6	35,6
43	2006/1663	<3,74	21,7 ± 8,5	3580 ± 170	6,83 ± 3,66	<13,3	39,8
44	2006/1678	<3,14	27,7 ± 5,9	4930 ± 230	9,47 ± 3,97	<11,2	22,1
45	2006/1719	<3,35	<35,9	4010 ± 190	<8,71	<11,0	22,7
46	2006/1742	<3,63	34,2 ± 7,3	2160 ± 110	<9,41	<13,7	18,9
47	2006/1769	<2,97	<31,0	1100 ± 50	<7,19	<10,8	43,4
48	2006/1885	<3,67	<36,5	1020 ± 50	<12,9 ± 3,6	<12,3	29,6
49	2006/1903	<3,76	<40,3	1480 ± 70	<8,89	<13,5	38,0
50	2006/1918	<3,02	17,8 ± 5,9	1010 ± 50	<7,71	<10,5	23,1
51	2006/1933	<3,69	19,7 ± 7,3	1570 ± 80	<8,27	<12,7	21,2
52	2006/1966	<3,70	29,9 ± 8,1	1680 ± 80	<8,89	<13,9	26,4

Table 111 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0007	<3,19	29,9 ± 6,1	1080 ± 50	<7,61	<11,1	22,1
2	2007/0022	1,05 ± 0,58	18,8 ± 5,4	1390 ± 70	<6,76	<8,82	12,8
3	2007/0040*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
4	2007/0079	<3,06	19,7 ± 6,3	2520 ± 120	<8,57	<11,1	17,8
5	2007/0122	<2,93	<33,4	1580 ± 80	<7,43	<9,69	12,8
6	2007/0156	<3,10	25,2 ± 6,5	1380 ± 70	<7,83	<9,99	12,8
7	2007/0171	<2,91	20,4 ± 6,0	1590 ± 80	<7,54	<10,8	14,5
8	2007/0188	<2,91	22,6 ± 6,6	1600 ± 80	<7,55	<10,1	20,3
9	2007/0204	<3,75	<40,1	2240 ± 110	<9,97	<12,1	29,7
10	2007/0272	<3,13	23,0 ± 5,4	1880 ± 90	<7,93	<8,01	15,4
11	2007/0292	<4,33	38,4 ± 10,3	2280 ± 120	<9,19	<15,7	25,4
12	2007/0327	<2,49	24,8 ± 6,3	2160 ± 100	12,7 ± 3,0	<8,34	22,2
13	2007/0409	<4,86	<51,9	1910 ± 90	<11,5	<17,3	25,6
14	2007/0426	<4,09	<45,3	3910 ± 190	<10,9	<15,0	31,5
15	2007/0451	<3,93	<39,1	3010 ± 150	<10,3	<14,3	19,4
16	2007/0482	<3,09	25,3 ± 6,5	4390 ± 200	<7,11	<11,2	30,8
17	2007/0497	<3,15	53,8 ± 9,5	4280 ± 200	<8,42	<10,6	53,5
18	2007/0566	<3,88	31,8 ± 8,2	4130 ± 200	<10,5	<14,3	42,5
19	2007/0581	<3,14	19,0 ± 6,7	3100 ± 150	13,1 ± 3,9	<11,5	21,3
20	2007/0626	<2,89	10,7 ± 5,1	2570 ± 120	<7,99	<10,7	20,4
21	2007/0651	<2,71	16,4 ± 6,1	2970 ± 140	<5,59	<7,97	22,9
22	2007/0729	<3,84	<43,0	4000 ± 190	<10,1	<14,4	28,2
23	2007/0777	<3,25	14,7 ± 6,8	1790 ± 90	<7,93	<9,67	15,3
24	2007/0793	<3,78	33,7 ± 8,4	5190 ± 240	<10,3	<12,7	24,6
25	2007/0826	<3,54	<41,3	3510 ± 170	<9,66	<13,1	18,7
26	2007/0841	<4,52	<53,3	3110 ± 150	<12,2	<16,5	19,5

Table 112 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0925	<3,83	<40,1	3090 ± 150	<10,2	<12,6	16,1
28	2007/0942	<3,38	22,2 ± 7,6	2780 ± 130	<8,21	<11,1	15,7
29	2007/1017	<3,59	35,5 ± 8,0	2980 ± 140	<9,18	<12,6	20,9
30	2007/1092	<3,73	50,5 ± 9,7	4300 ± 200	<9,58	<13,7	31,4
31	2007/1122	<3,32	22,1 ± 6,5	3090 ± 150	<9,11	<12,3	18,7
32	2007/1155	<3,71	<41,6	3170 ± 150	<9,63	<13,5	23,6
33	2007/1170	<2,47	<26,6	3240 ± 150	<7,21	<7,89	19,7
34	2007/1238	<3,23	36,0 ± 7,9	3090 ± 140	<9,21	<11,4	21,9
35	2007/1253	<3,88	<42,0	3420 ± 160	<9,92	<12,7	21,9
36	2007/1287	<3,46	<36,7	2930 ± 140	<9,50	<11,5	14,2
37	2007/1306	<2,82	13,7 ± 5,2	566 ± 29	<7,58	<9,69	7,48
38	2007/1354	<3,52	25,1 ± 7,2	3690 ± 170	<9,52	<12,5	18,8
39	2007/1422	<3,20	46,9 ± 9,0	3460 ± 160	<8,03	<11,3	20,4
40	2007/1449	<2,89	51,1 ± 8,2	2870 ± 140	<7,76	<10,6	23,4
41	2007/1490	<2,93	33,4 ± 9,0	2210 ± 110	<8,63	<11,3	25,1
42	2007/1510	<3,58	53,3 ± 12,9	2030 ± 100	<9,84	<13,1	29,0
43	2007/1543	<3,87	46,3 ± 9,7	1730 ± 90	<9,65	<13,8	17,0
44	2007/1630	<4,66	50,6 ± 9,9	671 ± 44	<12,3	<16,9	21,9
45	2007/1654	<3,76	40,9 ± 9,7	1240 ± 60	<10,2	<14,2	14,5
46	2007/1729	<3,87	35,2 ± 8,5	845 ± 46	<9,63	<13,6	6,80
47	2007/1800	<4,60	31,4 ± 9,9	952 ± 57	<12,1	<16,0	22,9
48	2007/1848	<2,91	71,1 ± 9,3	1830 ± 90	<8,26	<10,6	27,8
49	2007/1863	<4,11	61,7 ± 12,8	1970 ± 100	<11,3	<15,6	23,0
50	2007/1906	<2,56	31,8 ± 6,5	831 ± 42	<7,13	<8,86	18,8
51	2007/1950	<3,99	43,3 ± 10,6	1730 ± 90	<10,9	<13,9	27,4
52	2007/1965	<3,33	46,9 ± 8,3	2710 ± 130	<9,09	<12,0	37,3

Table 113 Aerosol activity (gamma spectrometry) - SDS Čifáre , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0005	<3,41	65,5 ± 19,6	1580 ± 140	<8,97	<12,2	31,7
2	2008/0021	<2,94	52,8 ± 19,0	1250 ± 110	<7,94	<10,5	15,9
3	2008/0036	<3,02	51,0 ± 19,8	2140 ± 180	<8,07	<11,0	23,7
4	2008/0051	<3,41	35,7 ± 16,0	1400 ± 120	<8,65	<12,1	15,3
5	2008/0121	<2,95	40,3 ± 14,5	1650 ± 140	<7,76	<10,8	20,7
6	2008/0136	<3,00	49,6 ± 15,6	1980 ± 160	<7,63	<10,8	25,5
7	2008/0163	<3,91	45,2 ± 20,2	1390 ± 120	<9,62	<14,3	22,9
8	2008/0233	<4,44	85,0 ± 24,0	2170 ± 190	<11,6	<15,5	23,0
9	2008/0300	<4,05	37,0 ± 21,6	2930 ± 250	<10,5	<13,8	29,7
10	2008/0329	<3,93	65,4 ± 21,0	3490 ± 270	<11,6	<14,0	17,0
11	2008/0369	<3,01	44,6 ± 14,8	2650 ± 210	<8,13	<10,9	24,6
12	2008/0398	<2,74	36,2 ± 16,4	2570 ± 200	<7,63	<10,2	10,3
13	2008/0414	<2,57	46,1 ± 15,5	1720 ± 140	<7,23	<9,66	11,9
14	2008/0500	<2,25	54,9 ± 19,1	4490 ± 360	<7,44	<9,91	31,6
15	2008/0519	<2,47	<36,5	2370 ± 200	<7,50	<10,1	18,9
16	2008/0536	<3,02	57,2 ± 17,0	2870 ± 230	<8,19	<11,2	22,7
17	2008/0607	<2,59	<43,6	1990 ± 180	<8,28	<11,2	14,2
18	2008/0625	2,06 ± 1,08	65,1 ± 18,0	4620 ± 360	<8,60	<11,3	23,8
19	2008/0644	<2,19	18,8 ± 14,9	2820 ± 230	<7,84	<9,65	16,2
20	2008/0667	<3,39	45,2 ± 19,0	3620 ± 290	<9,40	<12,3	18,7
21	2008/0701	<3,62	47,7 ± 16,2	3230 ± 260	<9,36	<11,8	22,2
22	2008/0779	<2,81	<42,1	2060 ± 180	<9,93	<12,9	19,5
23	2008/0802	<3,04	70,7 ± 19,5	5830 ± 440	<8,64	<11,1	33,2
24	2008/0847	<2,40	<34,7	4160 ± 340	<7,47	<10,6	20,1
25	2008/0864	<3,43	67,2 ± 19,8	2730 ± 220	<8,81	<12,1	16,9
26	2008/0960	<2,37	<35,0	4030 ± 320	<7,14	<10,0	21,2

Table 114 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0982	<3,52	<55,0	2090 ± 200	28,7 ± 12,3	<15,3	13,0
28	2008/1064*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2008/1088*						
30	2008/1103*						
31	2008/1171*						
32	2008/1186*						
33	2008/1213*						
34	2008/1238*						
35	2008/1284*						
36	2008/1361*						
37	2008/1399	1,53 ± 1,20	126 ± 23	5050 ± 390	17,4 ± 7,7	<9,54	91,1
38	2008/1414	<1,98	<30,6	2800 ± 220	<6,86	<8,61	18,7
39	2008/1501	<2,81	34,8 ± 14,9	1180 ± 100	<8,00	<10,3	11,9
40	2008/1518	<2,31	<35,4	4160 ± 330	12,9 ± 6,6	<9,99	27,9
41	2008/1554	<2,65	<38,8	2850 ± 240	18,8 ± 7,4	<11,3	13,9
42	2008/1574	<2,95	33,6 ± 16,0	1340 ± 120	27,0 ± 7,7	<10,5	29,8
43	2008/1596	<2,48	32,8 ± 14,3	2590 ± 210	12,6 ± 5,6	<9,32	29,7
44	2008/1644	<2,63	26,6 ± 14,4	2660 ± 210	<6,42	<9,72	34,0
45	2008/1717	<2,79	24,9 ± 13,2	3170 ± 250	<7,28	<9,87	25,6
46	2008/1742	<2,00	75,3 ± 19,2	3110 ± 360	<6,32	<10,3	40,2
47	2008/1757	<2,47	24,2 ± 12,5	2560 ± 200	<6,28	<8,65	30,6
48	2008/1834	<3,41	18,9 ± 11,4	1810 ± 150	<8,71	<11,1	11,9
49	2008/1874	2,15 ± 1,91	<31,5	2080 ± 170	<8,69	<11,5	18,8
50	2008/1894	<2,97	26,6 ± 13,8	1580 ± 130	16,1 ± 6,4	<9,50	17,0
51	2008/1939	<2,81	16,2 ± 12,9	2940 ± 230	14,5 ± 6,5	<10,3	17,0
52	2008/2056	<3,24	69,3 ± 27,2	1750 ± 210	<11,5	<14,5	11,9

Table 115 Aerosol activity (gamma spectrometry) - SDS Čifáre , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0006	<2,42	<2,35	41,9 ± 9,7	2040 ± 101	<11,2	<16,1	20,8
2	2005/0021	<2,61	<2,51	<27,2	1240 ± 72	<12,0	<16,5	24,3
3	2005/0042	<2,33	<2,25	26,3 ± 7,6	1990 ± 99	<10,3	<15,8	25,7
4	2005/0057	<2,21	<2,17	<22,6	1040 ± 57	<10,0	<15,5	15,8
5	2005/0126	<2,18	<2,22	27,2 ± 8,9	1710 ± 87	<8,58	<12,9	22,9
6	2005/0157	<1,96	<2,15	45,3 ± 10,5	5360 ± 254	<10,9	<16,0	55,5
7	2005/0191	<1,78	<1,82	27,7 ± 7,7	1030 ± 52	<8,51	<11,9	52,1
8	2005/0256	<2,15	<1,88	<20,4	1070 ± 62	<10,3	<15,2	27,7
9	2005/0271	<2,16	<2,08	<21,8	1850 ± 90	<10,2	<14,7	34,9
10	2005/0306	<1,70	1,52 ± 0,69	44,6 ± 7,6	3170 ± 149	<9,06	<10,6	35,7
11	2005/0333	<2,16	<2,16	<22,4	3190 ± 153	<10,5	<15,8	33,6
12	2005/0350	<1,85	<1,74	27,2 ± 7,5	5180 ± 239	<10,0	<13,2	33,8
13	2005/0378	<2,47	<2,14	<26,5	4210 ± 201	<11,1	<16,2	47,8
14	2005/0397	<2,01	<2,02	<21,8	6900 ± 321	<10,8	<15,5	58,1
15	2005/0429	<1,92	<1,74	<17,6	6240 ± 286	<8,80	<12,7	41,6
16	2005/0490	<1,90	<1,77	<19,3	3610 ± 171	<9,13	<13,1	35,8
17	2005/0556	<1,75	<1,83	<19,5	4760 ± 219	<6,56	<9,28	29,8
18	2005/0639	<1,68	<1,61	<18,9	5360 ± 250	<8,57	<10,4	29,7
19	2005/0666	<1,79	<1,65	<18,0	3570 ± 167	<7,86	<12,3	14,9
20	2005/0699	<2,19	<2,15	<22,9	3210 ± 154	<9,19	<12,8	17,9
21	2005/0753	<2,17	<2,18	<21,5	5160 ± 242	<10,2	<13,7	19,9
22	2005/0820	<2,33	<2,11	<24,1	5840 ± 272	<10,2	<12,8	32,7
23	2005/0859	<2,31	<2,19	<22,3	4060 ± 190	<9,56	<13,7	22,9
24	2005/0879	<2,14	<2,07	<21,6	5080 ± 239	<9,43	<13,9	21,8
25	2005/0911	<2,03	<2,10	<23,3	5420 ± 253	<9,01	<14,2	22,8
26	2005/1008	<2,39	<2,25	<25,2	5620 ± 268	<11,9	<17,7	25,7

Table 116 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1028	<2,47	<2,15	<24,9	3160 ± 159	11,3 ± 4,7	<16,9	21,0
28	2005/1059	<2,37	<2,14	33,1 ± 9,5	4380 ± 209	<10,2	<14,7	29,7
29	2005/1077	<2,05	<1,99	40,0 ± 8,0	6770 ± 314	9,17 ± 3,49	<12,8	46,4
30	2005/1093	<2,28	<2,18	<25,0	4020 ± 192	12,5 ± 4,1	<16,1	34,0
31	2005/1165	<2,48	<2,57	<27,0	3460 ± 174	<10,4	<17,9	37,5
32	2005/1196	<2,21	<2,20	<23,5	2660 ± 131	6,94 ± 3,85	<14,6	11,1
33	2005/1244	<1,87	<1,68	16,0 ± 5,7	3180 ± 150	9,30 ± 2,95	<11,0	14,7
34	2005/1370	<2,10	<1,93	23,2 ± 8,4	3710 ± 175	<10,1	<13,6	19,7
35	2005/1385	<2,13	<2,03	<22,1	5720 ± 266	<11,0	<12,9	22,2
36	2005/1423	<2,10	<2,01	<22,0	5500 ± 262	<11,2	<16,4	32,7
37	2005/1444	<2,20	<2,03	33,2 ± 8,8	3740 ± 179	<10,5	<14,4	30,0
38	2005/1459	<2,16	<2,15	<24,3	3060 ± 159	<12,1	<16,4	12,2
39	2005/1522	<2,28	<2,25	<25,7	4800 ± 230	<11,6	<16,8	26,8
40	2005/1550	<1,96	<1,89	34,5 ± 8,2	3420 ± 162	<8,95	<11,8	19,8
41	2005/1594	<2,14	<2,22	<25,6	4880 ± 229	<10,4	<16,3	34,7
42	2005/1613	<1,94	<1,92	<19,4	2460 ± 121	<9,12	<14,3	22,8
43	2005/1634	<2,23	<1,89	<20,6	2060 ± 104	<10,5	<14,0	23,7
44	2005/1726	<2,15	<2,00	<22,6	3500 ± 168	<10,5	<13,7	35,8
45	2005/1780	<2,32	<2,00	18,1 ± 10,2	1340 ± 76	<10,2	<16,6	57,2
46	2005/1886	<2,09	<2,05	<23,0	1370 ± 71	<8,84	<16,0	48,6
47	2005/1901	<1,72	<1,73	<17,6	1450 ± 72	<7,31	<9,79	20,9
48	2005/1994	<1,63	<1,55	28,9 ± 6,0	1450 ± 69	<5,61	<8,10	23,8
49	2005/2032	<1,64	<1,58	28,7 ± 6,5	1180 ± 57	<5,63	<7,38	22,9
50	2005/2059	<2,47	<2,42	<26,2	2300 ± 119	<12,0	<17,8	31,7
51	2005/2124	<2,12	<2,13	<24,2	1780 ± 91	<9,97	<14,0	13,9
52	2005/2139	<2,31	<2,23	<25,4	1500 ± 81	<10,9	<17,7	18,9

Table 117 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0007	<5,49	<58,8	1350 ± 80	<13,7	<18,9	20,8
2	2006/0022	<5,27	34,3 ± 10,5	6120 ± 290	<12,8	<18,6	39,7
3	2006/0038	<5,90	40,2 ± 11,9	1960 ± 110	<15,4	<21,3	38,8
4	2006/0054	<5,63	<56,4	3410 ± 170	<14,1	<18,8	44,3
5	2006/0069	<5,32	<62,3	3190 ± 160	<14,1	<18,6	62,4
6	2006/0084	<2,96	22,5 ± 6,7	1710 ± 80	<8,70	<10,5	57,6
7	2006/0102	<4,88	16,5 ± 9,1	1400 ± 70	<11,7	<12,2	32,7
8	2006/0131	<4,38	27,9 ± 9,5	1160 ± 60	<12,2	<16,6	32,7
9	2006/0149	<3,88	<42,9	1830 ± 90	<9,70	<14,2	30,7
10	2006/0262	<3,98	<40,4	3090 ± 150	<10,2	<12,8	28,0
11	2006/0300	<5,15	<56,3	2680 ± 130	<13,3	<18,9	39,1
12	2006/0369	<3,99	25,0 ± 7,8	2200 ± 110	<9,71	<14,0	51,8
13	2006/0394	<2,63	19,8 ± 4,9	1960 ± 90	<6,76	<9,95	37,8
14	2006/0416	<3,89	<40,6	3640 ± 170	<9,71	<13,8	15,2
15	2006/0447	<3,83	30,0 ± 8,6	5090 ± 240	<10,3	<13,9	33,4
16	2006/0512	<4,66	50,6 ± 12,3	4480 ± 210	<12,6	<17,7	24,7
17	2006/0535	<3,91	<42,8	5600 ± 260	<10,2	<13,7	40,0
18	2006/0596	<5,08	<49,8	3830 ± 180	<12,7	<15,4	29,7
19	2006/0646	3,64 ± 0,75	24,0 ± 6,3	7440 ± 340	<7,98	<11,2	40,0
20	2006/0683	<3,15	34,5 ± 6,9	6390 ± 290	8,18 ± 3,75	<9,85	34,9
21	2006/0715	<3,69	17,3 ± 8,7	5630 ± 260	<10,5	<13,7	32,9
22	2006/0778	<3,68	<40,2	3900 ± 180	<9,96	<13,6	12,8
23	2006/0795	<2,93	24,2 ± 6,2	3390 ± 160	<7,85	<11,0	14,6
24	2006/0814	<4,37	<44,4	5230 ± 250	<11,1	<15,7	18,5
25	2006/0849	<4,39	29,1 ± 9,6	6660 ± 310	<12,1	<15,8	28,9
26	2006/0865	<2,51	28,3 ± 5,7	5870 ± 270	<6,87	<9,42	27,9

Table 118 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0932	<3,84	19,0 ± 8,1	5040 ± 230	<10,2	<14,0	17,9
28	2006/0968*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2006/0983*						
30	2006/1109*						
31	2006/1136*						
32	2006/1155*						
33	2006/1173*						
34	2006/1194*						
35	2006/1277*						
36	2006/1324*						
37	2006/1356	<2,79	16,7 ± 6,1	918 ± 45	<6,68	<10,0	13,1
38	2006/1374	<2,91	28,4 ± 7,4	5330 ± 250	<7,54	<10,6	35,0
39	2006/1392	1,37 ± 0,53	23,8 ± 7,1	5320 ± 240	<7,44	<11,0	26,3
40	2006/1487	<3,58	28,9 ± 9,3	4060 ± 190	<9,03	<13,4	40,6
41	2006/1505	0,836 ± 0,443	33,3 ± 6,1	3660 ± 170	15,7 ± 3,0	<8,05	18,8
42	2006/1579	<2,49	31,1 ± 7,1	4820 ± 220	12,2 ± 3,0	<8,30	40,7
43	2006/1664	<4,21	<54,0	3780 ± 180	8,91 ± 3,94	<14,0	36,6
44	2006/1679	<3,41	16,9 ± 6,0	1930 ± 90	<8,78	<12,8	14,0
45	2006/1720	<3,53	25,5 ± 6,5	4430 ± 210	<8,51	<12,3	19,8
46	2006/1743	<3,89	<40,7	2220 ± 110	<7,73	<13,9	23,2
47	2006/1770	<5,25	<53,4	1440 ± 80	<9,85	<17,7	51,0
48	2006/1886	<2,89	9,63 ± 5,48	1160 ± 60	<6,62	<10,4	34,7
49	2006/1904	<2,95	39,3 ± 6,9	1900 ± 90	<7,39	<10,7	44,1
50	2006/1919	<2,47	17,0 ± 5,1	1130 ± 50	<5,91	<8,88	26,6
51	2006/1934	<4,30	<48,3	1600 ± 80	<10,9	<16,4	24,4
52	2006/1967	<3,66	13,9 ± 8,0	1620 ± 80	<9,08	<13,6	32,2

Table 119 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0008	<2,45	27,8 ± 6,1	1240 ± 60	<6,01	<8,26	25,5
2	2007/0021	<3,53	12,2 ± 6,2	1360 ± 70	<8,23	<11,9	14,8
3	2007/0041	<3,05	<33,8	2550 ± 120	<8,16	<7,65	20,4
4	2007/0080	<3,25	28,9 ± 6,5	2830 ± 130	5,12 ± 3,57	<10,2	20,6
5	2007/0123	<4,46	<50,4	1700 ± 90	<11,0	<16,2	16,0
6	2007/0157	<2,37	28,3 ± 5,1	1510 ± 70	<6,20	<8,51	15,4
7	2007/0172	<4,23	<40,6	1750 ± 90	<9,89	<15,4	18,7
8	2007/0189	<2,96	20,9 ± 6,4	1870 ± 90	<7,83	<10,3	24,6
9	2007/0205	<3,18	36,8 ± 7,1	2300 ± 110	<9,37	<11,6	33,3
10	2007/0273	<2,95	20,9 ± 6,0	2200 ± 110	<7,79	<10,9	17,1
11	2007/0293	<3,62	<43,1	2570 ± 120	<9,61	<12,5	26,3
12	2007/0328	<3,82	<40,4	2460 ± 120	<9,83	<13,4	26,5
13	2007/0410	<3,78	34,9 ± 8,6	1270 ± 60	16,2 ± 4,9	<13,3	26,8
14	2007/0427	<4,65	<61,3	4770 ± 230	<13,7	<16,9	41,8
15	2007/0452	1,27 ± 0,63	30,6 ± 6,8	3750 ± 180	10,3 ± 4,1	<11,5	22,8
16	2007/0483	<3,06	30,8 ± 7,5	4700 ± 220	<6,57	<11,2	35,1
17	2007/0498	<3,14	29,1 ± 7,5	4680 ± 220	<8,18	<11,3	30,8
18	2007/0567	<3,87	27,1 ± 8,2	4620 ± 220	<10,5	<15,0	34,9
19	2007/0582	<2,77	27,8 ± 6,9	3460 ± 160	<7,35	<9,25	24,1
20	2007/0627	<3,54	23,4 ± 7,7	2930 ± 140	<9,65	<14,0	24,7
21	2007/0652	<2,94	<33,3	3290 ± 150	15,3 ± 3,8	<10,8	30,6
22	2007/0730	<2,45	42,3 ± 7,1	4220 ± 190	<6,90	<8,80	36,8
23	2007/0778	<2,37	21,2 ± 5,3	2110 ± 100	<6,72	<8,71	17,0
24	2007/0794	<3,07	24,5 ± 5,8	5650 ± 260	<8,48	<10,6	23,8
25	2007/0827	<3,67	<40,6	3930 ± 190	<10,2	<13,9	18,7
26	2007/0842	<3,10	<36,3	3470 ± 160	15,8 ± 4,1	<12,0	21,5

Table 120 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0926	<3,06	19,9 ± 6,3	3250 ± 150	<7,73	<11,4	16,1
28	2007/0943	<4,36	29,9 ± 7,0	3170 ± 160	<10,8	<15,5	23,9
29	2007/1018	<2,84	42,6 ± 7,3	3780 ± 180	<7,69	<9,84	21,9
30	2007/1093	<3,92	33,5 ± 8,8	4340 ± 200	<10,0	<10,5	49,1
31	2007/1123	<3,72	23,1 ± 8,2	3550 ± 170	<9,79	<14,2	16,2
32	2007/1156	<4,05	<42,3	3130 ± 150	<9,60	<13,5	26,9
33	2007/1171	<3,09	34,7 ± 7,4	3400 ± 160	<8,92	<10,2	23,2
34	2007/1239	<3,55	18,0 ± 7,4	3840 ± 180	<9,22	<7,44	21,9
35	2007/1254	<3,86	<43,8	3790 ± 180	<10,7	<13,5	24,9
36	2007/1288	<4,25	22,4 ± 7,5	3230 ± 160	<11,1	<15,0	16,2
37	2007/1307	<4,10	<43,6	1250 ± 70	<11,5	<14,2	8,23
38	2007/1355	<3,52	<38,2	4040 ± 190	<8,37	<10,4	20,8
39	2007/1423	<2,56	47,6 ± 6,8	3720 ± 170	7,91 ± 3,67	<9,13	24,7
40	2007/1450	<4,30	65,2 ± 11,9	3020 ± 150	<11,4	<15,7	24,2
41	2007/1491	<2,96	52,2 ± 9,6	2540 ± 120	<8,17	<10,8	28,6
42	2007/1511	<3,86	54,1 ± 11,3	2710 ± 130	<10,2	<13,1	39,2
43	2007/1544	<4,61	53,3 ± 10,5	1840 ± 90	<12,3	<17,1	19,5
44	2007/1631	<4,40	64,0 ± 11,6	847 ± 51	<11,1	<15,6	28,7
45	2007/1655	<3,59	34,5 ± 6,8	1340 ± 70	<8,69	<12,0	17,1
46	2007/1730	<2,84	41,9 ± 7,6	900 ± 47	<7,52	<9,80	8,49
47	2007/1801	<3,88	59,4 ± 10,0	1090 ± 60	<9,95	<13,5	28,9
48	2007/1849	<3,04	57,6 ± 9,6	2040 ± 100	<8,90	<10,7	32,7
49	2007/1864	<3,97	34,5 ± 8,7	2120 ± 100	<10,6	<14,1	27,3
50	2007/1907	<3,49	35,7 ± 8,1	938 ± 51	<8,92	<12,0	23,0
51	2007/1951	<4,17	56,4 ± 10,7	1860 ± 100	<10,7	<15,3	30,4
52	2007/1966	<4,24	45,8 ± 10,5	2800 ± 140	<11,7	<15,9	39,5

Table 121 Aerosol activity (gamma spectrometry) - SDS V. Ďur , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0006	<3,39	74,5 ± 20,9	1220 ± 100	<8,58	<12,3	35,6
2	2008/0022	<3,67	76,6 ± 20,6	1830 ± 150	<9,76	<12,0	24,9
3	2008/0037	<3,11	63,8 ± 18,9	2440 ± 200	<8,82	<11,2	31,3
4	2008/0052	0,923 ± 1,063	46,9 ± 17,6	1750 ± 150	<8,82	<11,5	21,3
5	2008/0122	<3,12	37,3 ± 17,1	1880 ± 160	<8,15	<11,1	20,4
6	2008/0137	<3,96	47,4 ± 20,6	2020 ± 170	<9,89	<14,2	28,9
7	2008/0164	<3,82	60,9 ± 22,2	1570 ± 140	<9,50	<14,0	26,4
8	2008/0234	<3,16	57,5 ± 18,5	2500 ± 200	<8,81	<11,3	29,9
9	2008/0301	<3,94	24,3 ± 17,5	3400 ± 280	<10,0	<14,0	34,9
10	2008/0330	<4,53	49,8 ± 23,8	3450 ± 280	<11,4	<15,8	19,9
11	2008/0370	<3,76	51,7 ± 20,5	3250 ± 260	<9,43	<13,3	26,5
12	2008/0399	<3,19	44,5 ± 19,4	3020 ± 240	<8,45	<11,4	12,7
13	2008/0415	<3,64	39,1 ± 19,7	1830 ± 150	<9,29	<12,8	14,4
14	2008/0501	<2,25	<34,9	5240 ± 410	<7,50	<9,98	21,4
15	2008/0520	<1,90	44,9 ± 14,9	2710 ± 220	<6,43	<8,10	22,3
16	2008/0537	<3,36	61,6 ± 19,7	3200 ± 250	<9,68	<12,8	26,6
17	2008/0608	<2,40	<41,0	2170 ± 190	<8,15	<11,4	17,1
18	2008/0626	1,83 ± 0,98	47,3 ± 15,2	5500 ± 430	<6,30	<8,18	26,3
19	2008/0645	<2,24	<34,9	3190 ± 260	<8,04	<9,58	18,7
20	2008/0668	<3,03	57,9 ± 16,1	4070 ± 320	<8,42	<10,8	23,8
21	2008/0702	<2,92	51,5 ± 18,7	3580 ± 280	27,4 ± 8,0	<11,3	24,7
22	2008/0780	<1,84	42,3 ± 15,2	2260 ± 180	<6,37	<7,96	30,6
23	2008/0803	<2,93	59,1 ± 17,1	6240 ± 470	<8,12	<10,6	47,6
24	2008/0848	<2,34	<40,4	4400 ± 350	<8,63	<10,8	17,9
25	2008/0865	<2,76	48,6 ± 17,7	2990 ± 230	<8,54	<10,3	15,0
26	2008/0961	<1,69	48,0 ± 15,3	4290 ± 330	<5,76	<7,71	18,6

Table 122 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0983	<1,74	<30,3	4450 ± 350	<6,32	<8,55	24,4
28	2008/1065	<2,66	<47,0	4470 ± 370	<9,19	<13,0	24,7
29	2008/1089	<2,77	<45,9	3320 ± 280	<8,90	<12,1	37,9
30	2008/1104	<2,85	36,8 ± 15,4	3600 ± 280	<7,39	<10,0	23,1
31	2008/1172	<2,56	<44,4	3860 ± 320	<9,78	<12,1	17,7
32	2008/1187	<3,04	48,6 ± 15,3	4430 ± 340	<7,65	<10,2	22,3
33	2008/1214	<2,96	<49,5	4300 ± 350	<9,38	<12,7	20,4
34	2008/1239	<3,03	52,4 ± 16,9	3740 ± 290	19,8 ± 7,1	<10,2	21,2
35	2008/1285	<3,22	98,5 ± 29,9	3210 ± 270	<10,1	<13,6	74,8
36	2008/1362	<2,33	59,2 ± 19,1	3640 ± 290	<7,50	<9,83	29,7
37	2008/1400	<2,83	73,1 ± 19,5	5170 ± 390	19,3 ± 8,2	<8,93	44,6
38	2008/1415	<2,75	<43,7	2780 ± 230	<8,96	<11,5	17,2
39	2008/1502	<2,75	42,5 ± 14,8	1200 ± 100	<7,36	<9,54	12,7
40	2008/1519	<2,52	<34,8	3870 ± 310	15,3 ± 6,8	<11,2	20,3
41	2008/1555	<2,40	<38,0	2680 ± 220	18,8 ± 7,7	<11,5	12,9
42	2008/1575	<2,58	34,7 ± 15,2	1370 ± 120	20,2 ± 6,6	<9,19	21,9
43	2008/1597	<2,65	38,3 ± 15,6	2810 ± 220	18,5 ± 6,1	<9,64	31,9
44	2008/1645	<2,74	20,7 ± 11,1	2310 ± 190	<7,12	<10,2	30,6
45	2008/1718	<2,83	23,9 ± 14,7	3060 ± 240	<7,24	<10,2	25,6
46	2008/1743	<2,02	88,1 ± 18,8	3330 ± 390	<6,44	<10,3	38,7
47	2008/1758	<2,52	12,9 ± 10,5	2810 ± 220	<6,39	<9,04	33,1
48	2008/1835	2,71 ± 1,77	<26,8	1980 ± 160	<7,69	<9,97	14,6
49	2008/1875	2,76 ± 2,01	<31,6	2040 ± 170	<8,58	<11,8	19,6
50	2008/1895	<3,09	<30,3	1590 ± 140	13,0 ± 6,3	<10,1	17,0
51	2008/1940	<3,33	<37,7	2730 ± 220	<8,32	<12,0	16,1
52	2008/2057	<2,83	<39,0	1660 ± 200	<8,79	<15,2	12,9

Table 123 Aerosol activity (gamma spectrometry) - SDS V. Ďur , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0007	<2,13	<2,12	30,6 ± 10,1	1660 ± 83	<9,44	<14,9	17,2
2	2005/0022	<2,47	<2,59	<26,3	2180 ± 112	<11,2	<16,4	23,3
3	2005/0043	<2,85	<2,92	<30,8	2070 ± 108	<13,4	<20,3	23,0
4	2005/0058	<2,24	<2,32	<23,5	1440 ± 79	<12,0	19,9	15,2
5	2005/0127	<2,27	<2,19	<25,0	1450 ± 79	<10,4	<15,4	24,1
6	2005/0158	<2,24	<2,14	33,7 ± 11,7	4540 ± 218	<11,2	<15,5	46,1
7	2005/0192	<1,96	<2,05	54,1 ± 11,4	2310 ± 115	<9,88	<14,7	48,7
8	2005/0257	<1,86	1,11 ± 0,66	<22,0	1350 ± 72	<9,54	<14,4	23,4
9	2005/0272	<2,20	<2,10	<22,2	1680 ± 86	<10,1	<14,9	33,6
10	2005/0307	<2,14	<2,30	<24,8	2950 ± 146	<11,4	<16,6	35,1
11	2005/0334	<2,30	<2,16	<23,0	2610 ± 133	<11,8	<17,0	27,5
12	2005/0351	<2,00	<1,89	<20,8	4230 ± 201	<10,2	<14,7	28,2
13	2005/0379	<2,06	<2,12	<22,0	5120 ± 238	<10,6	<16,3	45,9
14	2005/0398	<2,06	<2,18	<21,1	6360 ± 296	<10,3	<14,9	47,2
15	2005/0430	<1,65	<1,60	<18,9	5480 ± 253	<8,29	<11,9	38,1
16	2005/0491	<2,36	<2,07	<25,2	3910 ± 191	<11,5	<16,8	28,9
17	2005/0557	<2,23	<2,15	<24,8	3990 ± 192	<10,4	<15,6	23,3
18	2005/0640	<1,98	<2,00	<20,4	4440 ± 213	<10,9	<15,7	23,7
19	2005/0667	<2,12	<2,30	<21,1	2930 ± 145	<9,92	<16,1	14,8
20	2005/0700	<2,11	<2,01	<22,6	2700 ± 134	<10,2	<15,6	13,9
21	2005/0754	<2,32	<2,27	<24,6	4220 ± 204	<11,3	<16,9	17,4
22	2005/0821	<1,98	<1,97	<20,3	4850 ± 231	<11,3	<15,4	24,2
23	2005/0860	<1,92	<2,06	<22,8	3780 ± 184	<9,88	<15,1	21,0
24	2005/0880	<1,98	<2,00	<23,2	4180 ± 202	<10,7	<15,7	19,7
25	2005/0912	<2,24	<2,02	<23,0	4330 ± 209	<10,3	<16,0	24,5
26	2005/1009	<2,31	<2,13	<23,3	4720 ± 221	<9,64	<14,8	26,3

Table 124 Aerosol activity (gamma spectrometry) - SDS Vrable, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1029	<2,66	<2,38	<28,7	3220 ± 161	13,5 ± 4,8	<16,5	19,4
28	2005/1060	<2,32	<2,28	38,5 ± 8,5	3650 ± 171	13,0 ± 4,0	<11,8	34,7
29	2005/1078	<2,18	<2,19	66,3 ± 10,3	5770 ± 267	8,31 ± 3,62	<13,4	45,9
30	2005/1094	<2,16	<2,13	<22,5	3370 ± 166	8,69 ± 4,19	<15,2	30,5
31	2005/1166	<2,40	<2,22	45,7 ± 9,4	4490 ± 218	13,9 ± 4,6	<17,0	33,5
32	2005/1197	<2,57	<2,19	<25,2	2210 ± 117	<10,9	<17,9	13,6
33	2005/1245	<2,11	<2,08	19,3	2650 ± 130	<10,0	<14,9	17,2
34	2005/1371	<2,47	<2,30	<23,9	3310 ± 159	<11,1	<16,0	19,5
35	2005/1386	<2,27	<2,06	<23,0	4850 ± 228	<11,5	<15,6	20,5
36	2005/1424	<2,46	<2,42	<23,8	4580 ± 225	<13,0	<17,1	25,3
37	2005/1445	<2,34	<2,17	<23,8	4460 ± 213	<10,9	<16,1	28,7
38	2005/1460	<2,28	<2,09	<24,7	2670 ± 141	<10,4	<15,9	12,6
39	2005/1523	<2,24	<2,01	37,3 ± 10,5	4400 ± 212	<11,6	<15,9	22,7
40	2005/1551	<2,09	<2,13	32,7 ± 8,5	2830 ± 140	<9,30	<12,9	18,3
41	2005/1595	<2,65	2,93 ± 1,13	<25,8	4110 ± 200	<13,0	<19,9	32,5
42	2005/1614	<2,08	<2,06	<20,6	1910 ± 93	<8,88	<12,4	23,1
43	2005/1635	<1,99	<1,96	22,9 ± 6,9	2620 ± 125	13,0 ± 3,5	<12,0	26,9
44	2005/1727	<1,78	1,03 ± 0,47	45,2 ± 6,9	3170 ± 147	15,0 ± 3,4	<8,43	37,5
45	2005/1781	<2,14	<1,93	<22,7	1700 ± 86	<9,82	<13,8	53,6
46	2005/1887	<1,91	<1,76	<19,3	1410 ± 72	<8,06	<12,7	45,1
47	2005/1902	<1,95	<1,92	<19,7	1290 ± 68	<9,85	<15,0	21,2
48	2005/1995	<1,73	<1,65	21,0 ± 6,8	1860 ± 89	<7,54	<10,8	24,3
49	2005/2033	<2,38	<2,37	<23,4	1230 ± 71	<11,8	<17,3	20,4
50	2005/2059	<2,43	<2,41	<25,3	2420 ± 127	<12,9	<18,3	33,7
51	2005/2125	<1,98	<1,95	25,2 ± 6,7	1730 ± 84	<8,80	<12,3	13,9
52	2005/2140	<2,41	1,94 ± 0,86	<24,4	1300 ± 71	<11,1	<17,2	15,2

Table 125 Aerosol activity (gamma spectrometry) - SDS Vráble, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0008	<3,70	<34,6	1310 ± 70	<10,8	<12,7	20,5
2	2006/0023	<4,31	<46,3	4870 ± 230	<11,1	<14,8	32,9
3	2006/0039	<7,21	<76,3	1230 ± 70	<17,7	<24,3	42,2
4	2006/0055	<5,65	<66,8	2750 ± 140	<14,1	<20,7	42,0
5	2006/0070	<6,41	65,5 ± 13,2	4080 ± 190	<15,4	<22,1	60,7
6	2006/0085	2,22 ± 0,99	24,0 ± 10,7	2530 ± 120	<14,4	<16,2	61,2
7	2006/0103	<7,19	<71,6	2190 ± 110	<17,4	<22,6	32,6
8	2006/0132	<6,71	<78,5	2120 ± 110	<18,8	<25,3	28,7
9	2006/0150	<6,69	<79,2	1890 ± 100	<17,7	<25,4	26,9
10	2006/0263	<5,53	<58,4	2410 ± 120	<12,7	<17,8	20,0
11	2006/0301	<4,02	<48,6	2350 ± 120	<11,4	<16,0	34,0
12	2006/0370	<5,25	<58,4	2180 ± 110	<11,4	<17,8	43,6
13	2006/0395	<4,70	23,5 ± 10,2	3520 ± 170	<12,2	<17,9	34,5
14	2006/0417	<4,61	<51,7	2900 ± 150	<13,0	<17,1	14,2
15	2006/0448	<5,93	<62,6	4230 ± 210	<15,5	<22,0	29,2
16	2006/0513	<4,47	12,9 ± 8,7	3950 ± 190	<11,1	<14,6	19,0
17	2006/0536	<5,51	21,6 ± 8,4	4300 ± 210	<14,6	<21,4	25,1
18	2006/0597	<5,65	<74,1	3120 ± 160	<15,8	<22,2	22,0
19	2006/0647	<4,93	<47,4	6310 ± 290	<12,6	<17,3	27,1
20	2006/0684	<2,73	<29,4	5200 ± 240	<7,60	<9,63	25,9
21	2006/0713	<4,83	<52,8	4970 ± 240	<12,3	<17,9	18,4
22	2006/0779	<5,89	<69,7	3220 ± 160	<14,3	<22,1	13,8
23	2006/0796	<6,09	<62,8	2690 ± 130	<15,2	<20,6	15,0
24	2006/0815	<5,14	<53,5	3930 ± 190	<14,5	<20,4	16,0
25	2006/0850	<4,43	18,9 ± 8,1	4760 ± 220	<11,4	<13,5	25,5
26	2006/0866	<3,71	<37,9	5280 ± 240	<9,60	<13,3	23,8

Table 126 Aerosol activity (gamma spectrometry) - SDS Vrable, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0933	<2,75	24,3 ± 5,6	4890 ± 220	<7,09	<9,73	16,6
28	2006/0969	<3,22	30,2 ± 6,6	7030 ± 320	<8,23	<11,4	24,9
29	2006/0984	<5,83	<66,1	5610 ± 270	<13,3	<21,9	24,9
30	2006/1110	<6,00	28,3 ± 11,3	5890 ± 280	<12,6	<20,2	46,0
31	2006/1137	<4,51	35,9 ± 8,9	6530 ± 300	<12,4	<16,9	33,0
32	2006/1156	<6,48	<64,2	2150 ± 110	<15,0	<21,6	14,8
33	2006/1174	<5,07	<57,9	2730 ± 130	<13,0	<20,2	16,5
34	2006/1195	<5,58	35,0 ± 10,3	4450 ± 210	<14,8	<21,0	24,7
35	2006/1278	<5,87	<63,3	2480 ± 120	<13,4	<20,0	14,2
36	2006/1325	<4,53	<48,4	2830 ± 140	<11,5	<16,9	17,5
37	2006/1357	<5,68	<63,8	3400 ± 160	<13,8	<20,6	24,8
38	2006/1375	<3,14	42,7 ± 7,0	5060 ± 230	<7,50	<10,7	30,2
39	2006/1393	<3,82	27,2 ± 7,6	4820 ± 220	<8,97	<13,7	26,6
40	2006/1488	<4,58	43,7 ± 10,5	4250 ± 200	<10,6	<16,4	47,6
41	2006/1506	<3,81	22,4 ± 7,7	3040 ± 150	10,0 ± 3,6	<12,8	19,8
42	2006/1580	<3,65	25,7 ± 8,6	3980 ± 190	<9,32	<11,3	32,9
43	2006/1665	<4,13	39,0 ± 10,8	4740 ± 220	6,84 ± 4,22	<15,5	38,4
44	2006/1680	<4,49	<52,7	4430 ± 210	8,78 ± 4,44	<17,3	21,0
45	2006/1721	<4,20	<45,6	3580 ± 170	16,8 ± 4,9	<15,6	19,8
46	2006/1744	<3,70	28,9 ± 7,2	2680 ± 130	<9,52	<12,6	21,3
47	2006/1771	<3,55	<40,0	1620 ± 80	8,40 ± 4,09	<12,1	40,7
48	2006/1887	<3,63	<39,2	1810 ± 90	<9,00	<13,1	29,2
49	2006/1905	<3,77	26,6 ± 7,8	2450 ± 120	<9,34	<11,8	39,3
50	2006/1920	<4,04	<47,1	2010 ± 100	<9,81	<13,7	23,8
51	2006/1935	<2,96	22,5 ± 5,5	1880 ± 90	<6,73	<10,6	21,4
52	2006/1968	<4,12	27,6 ± 7,4	1670 ± 80	<9,68	<12,9	28,5

Table 127 Aerosol activity (gamma spectrometry) - SDS Vrable, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0009	<3,56	29,9 ± 8,4	1140 ± 60	<8,90	<11,9	23,8
2	2007/0022	<5,68	<58,3	1120 ± 70	<14,4	<20,7	15,9
3	2007/0042	<4,30	20,1 ± 8,5	2050 ± 100	<11,6	<15,4	15,0
4	2007/0081	1,38 ± 0,89	<59,6	2380 ± 120	<14,8	<21,0	15,8
5	2007/0124	<5,98	<66,7	1410 ± 80	<14,0	<21,9	13,5
6	2007/0158	<4,37	<46,3	1160 ± 60	<10,4	<15,7	12,5
7	2007/0173	<5,35	<66,8	1370 ± 80	<13,9	<20,3	14,8
8	2007/0190	<6,01	<64,3	1410 ± 80	<15,3	<19,7	19,2
9	2007/0206	<5,85	18,6 ± 12,2	1960 ± 100	<15,6	<21,3	28,6
10	2007/0274	<5,39	<56,6	1790 ± 100	<13,9	<21,3	14,2
11	2007/0294	<4,24	23,4 ± 8,1	2320 ± 120	<11,5	<16,0	21,6
12	2007/0329	<5,33	<66,2	1950 ± 100	<14,4	<21,6	24,1
13	2007/0411	<5,80	<69,8	2530 ± 130	<15,2	<21,5	27,4
14	2007/0428	<5,95	<64,2	3630 ± 180	<15,6	<21,3	28,1
15	2007/0453	<5,48	<64,3	2650 ± 140	<15,2	<21,2	20,2
16	2007/0484	1,10 ± 0,72	<48,8	3760 ± 180	<11,0	<17,4	25,6
17	2007/0499	<4,47	<45,8	3710 ± 180	<11,6	<16,3	23,8
18	2007/0568	<4,55	<46,4	3930 ± 190	<12,3	<16,3	23,7
19	2007/0583	<4,17	<45,1	2800 ± 140	<11,5	<16,4	17,9
20	2007/0628	<4,32	35,5 ± 9,6	2370 ± 120	<11,9	<16,6	17,0
21	2007/0653	<4,31	<49,1	2680 ± 130	<11,1	<14,7	30,9
22	2007/0731	<4,39	<49,6	3750 ± 180	<12,1	<17,5	27,3
23	2007/0779	<4,35	<40,5	1540 ± 80	<11,8	<15,8	17,2
24	2007/0795	<4,10	29,3 ± 9,3	4480 ± 210	<11,6	<15,2	26,5
25	2007/0828	<4,34	31,6 ± 8,8	3140 ± 160	<11,5	<16,8	20,3
26	2007/0843	<4,82	34,4 ± 7,8	2830 ± 140	<11,3	<15,7	21,9

Table 128 Aerosol activity (gamma spectrometry) - SDS Vrábľa, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0927	<4,01	<49,6	2620 ± 130	<11,8	<16,5	19,8
28	2007/0944	<3,86	<40,4	2840 ± 140	<10,3	<14,3	17,4
29	2007/1019	<4,16	37,9 ± 9,9	2790 ± 130	<12,5	<14,5	25,8
30	2007/1094	<5,87	<62,8	3850 ± 190	<14,7	<19,3	47,0
31	2007/1124	<4,50	<48,3	2590 ± 130	<11,1	<15,8	17,5
32	2007/1157	<5,61	<63,4	2750 ± 140	<15,0	<19,4	30,7
33	2007/1172	<5,68	<62,5	2670 ± 140	<15,8	<20,6	18,6
34	2007/1240	<3,56	<37,1	2680 ± 130	<10,7	<12,1	18,7
35	2007/1255	<5,75	<62,1	3000 ± 150	<15,9	<19,1	30,7
36	2007/1289	<3,98	<44,5	2430 ± 120	<11,0	<14,5	14,1
37	2007/1308	<4,18	<44,5	922 ± 57	<10,5	<15,5	8,20
38	2007/1356	<3,50	<37,8	3180 ± 150	<9,41	<11,6	19,7
39	2007/1424	<3,80	51,3 ± 9,0	2780 ± 130	<10,5	<13,8	17,9
40	2007/1451	<2,89	54,8 ± 8,5	2640 ± 130	<7,97	<10,6	18,5
41	2007/1492	<2,63	42,8 ± 7,2	2150 ± 100	<7,16	<8,95	19,9
42	2007/1512	<2,59	52,0 ± 8,1	2360 ± 110	<7,30	<9,16	28,1
43	2007/1545	<3,96	54,6 ± 9,6	1500 ± 70	<10,7	<13,4	15,7
44	2007/1632	<3,29	46,3 ± 9,0	617 ± 34	<9,04	<10,5	20,7
45	2007/1656	<3,75	45,3 ± 9,5	1090 ± 60	<9,81	<13,0	14,0
46	2007/1731	<3,45	25,3 ± 11,3	708 ± 39	<9,66	<11,8	7,87
47	2007/1802	<3,25	59,0 ± 9,1	864 ± 46	<9,04	<10,9	21,7
48	2007/1850	<3,79	63,2 ± 11,0	1870 ± 90	12,2 ± 6,0	<13,9	27,0
49	2007/1865	<3,43	59,3 ± 10,8	1720 ± 80	9,81 ± 4,86	<11,2	24,2
50	2007/1908	<4,92	52,6 ± 11,9	714 ± 45	<13,8	<17,7	20,1
51	2007/1952	<4,42	40,5 ± 11,2	1480 ± 80	<12,2	<15,6	28,5
52	2007/1967	<4,63	45,9 ± 12,4	2450 ± 120	<12,6	<16,3	37,2

Table 129 Aerosol activity (gamma spectrometry) - SDS Vrábľa, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0007	<3,14	67,1 ± 18,2	1490 ± 120	<8,17	<9,81	30,7
2	2008/0023	<2,99	79,3 ± 19,2	1870 ± 150	<7,74	<10,6	19,1
3	2008/0038	<3,17	33,4 ± 18,0	2280 ± 190	<8,77	<11,5	26,1
4	2008/0053	<3,96	33,7 ± 20,2	1460 ± 130	<9,79	<13,3	17,5
5	2008/0123	<3,89	41,3 ± 19,1	1540 ± 130	<10,2	<13,7	19,4
6	2008/0138	<3,33	40,6 ± 16,9	1680 ± 140	7,60 ± 8,39	<11,7	23,9
7	2008/0165	1,86 ± 1,76	49,8 ± 26,0	1370 ± 140	<12,6	<17,7	24,8
8	2008/0235	<3,87	67,6 ± 23,2	2090 ± 170	<10,1	<14,0	23,9
9	2008/0302	<4,57	<59,4	2480 ± 220	<12,3	<17,4	30,7
10	2008/0331	<3,83	45,9 ± 19,1	2790 ± 230	<10,4	<13,8	17,7
11	2008/0371	<3,93	42,1 ± 21,1	2540 ± 210	<9,83	<13,5	23,0
12	2008/0400	<3,51	26,2 ± 16,9	2350 ± 190	<9,52	<13,4	11,4
13	2008/0416	<3,18	41,0 ± 17,7	1500 ± 120	<8,71	<10,9	10,6
14	2008/0502	<1,75	42,1 ± 15,0	4780 ± 370	<6,39	<7,72	16,9
15	2008/0521	<1,72	41,6 ± 13,1	2200 ± 180	<5,90	<7,27	18,5
16	2008/0538	<3,15	56,5 ± 19,0	2600 ± 210	17,3 ± 7,7	<11,4	17,9
17	2008/0609	<2,16	<35,3	2000 ± 170	<7,42	<9,69	14,4
18	2008/0627	<1,92	<29,4	4650 ± 360	<6,41	<8,32	18,2
19	2008/0646	<1,62	<25,7	2580 ± 210	<5,06	<7,00	16,4
20	2008/0669	<2,83	60,7 ± 16,1	3170 ± 250	<7,17	<9,92	17,2
21	2008/0703	<2,94	48,8 ± 15,8	2730 ± 220	<8,36	<10,5	17,0
22	2008/0781	<1,50	40,3 ± 12,9	1940 ± 160	<5,49	<6,82	22,3
23	2008/0804	<3,69	45,0 ± 21,1	5200 ± 410	<10,1	<13,9	26,2
24	2008/0849	<2,44	<38,0	3590 ± 290	<7,54	<10,4	17,9
25	2008/0866	<2,49	<42,7	2560 ± 210	<8,16	<11,5	16,4
26	2008/0962	<2,47	<47,0	3320 ± 280	<8,76	<12,0	24,6

Table 130 Aerosol activity (gamma spectrometry) - SDS Vrábľa, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0984	<2,85	<45,7	3380 ± 280	<9,67	<12,4	22,1
28	2008/1066	<1,80	56,3 ± 16,1	3800 ± 300	<6,19	<8,20	19,8
29	2008/1090	<2,94	<44,3	2920 ± 250	<9,00	<13,0	24,6
30	2008/1105	<2,60	41,8 ± 14,6	2640 ± 210	<6,87	<8,95	14,7
31	2008/1173	<2,71	<47,2	3330 ± 280	<9,01	<12,5	14,4
32	2008/1188	<3,00	62,5 ± 18,6	3790 ± 300	<7,76	<9,85	18,8
33	2008/1215	<2,33	<34,9	3820 ± 310	<7,00	<9,98	16,2
34	2008/1240	<2,84	44,6 ± 17,7	3150 ± 250	10,6 ± 7,0	<9,85	17,0
35	2008/1286	<2,24	<39,3	2640 ± 220	<7,97	<9,43	19,6
36	2008/1363	<1,65	54,4 ± 16,2	3020 ± 240	<5,47	<7,10	24,2
37	2008/1401	<2,99	69,5 ± 18,1	3930 ± 300	13,3 ± 7,0	<9,79	33,5
38	2008/1416	<2,05	56,9 ± 17,4	2170 ± 180	<6,66	<8,23	18,0
39	2008/1503	<2,73	28,0 ± 15,5	1010 ± 90	10,0 ± 7,6	<9,66	12,0
40	2008/1520	<2,26	<35,4	3320 ± 270	13,2 ± 6,8	<10,4	17,2
41	2008/1556	<1,83	<27,8	2170 ± 170	17,4 ± 6,1	<8,37	13,5
42	2008/1576	<2,64	45,8 ± 14,6	1280 ± 110	12,0 ± 6,7	<9,57	23,4
43	2008/1598	<2,46	41,1 ± 12,1	2360 ± 190	14,7 ± 6,0	<8,73	25,2
44	2008/1646	<2,58	<28,8	2430 ± 190	<6,63	<9,31	27,7
45	2008/1719	<2,56	24,5 ± 13,2	3050 ± 240	15,3 ± 6,7	<8,31	20,0
46	2008/1744	<2,66	29,5 ± 12,6	3570 ± 280	6,86 ± 5,41	<9,19	32,0
47	2008/1759	<2,95	19,8 ± 13,8	2350 ± 190	<7,64	<10,1	27,3
48	2008/1836	<2,88	22,5 ± 13,1	1650 ± 140	<7,95	<10,7	11,6
49	2008/1876	<2,87	15,9 ± 11,2	1850 ± 150	<7,48	<10,7	17,1
50	2008/1896	<2,41	71,0 ± 21,9	1300 ± 160	<6,85	<10,5	15,2
51	2008/1941	<3,47	<38,8	2510 ± 210	<9,15	<12,9	15,3
52	2008/2058	<3,18	27,2 ± 13,3	1550 ± 130	<8,21	<11,3	11,4

Table 131 Aerosol activity (gamma spectrometry) - SDS Vrábľa, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0008	<2,72	<2,71	<26,5	1770 ± 98	<12,0	<18,6	19,4
2	2005/0023	<2,02	<2,06	<23,2	1410 ± 78	<9,70	<15,9	21,7
3	2005/0044	<2,72	<2,44	<28,8	2080 ± 114	<12,4	<18,1	23,8
4	2005/0059	<2,31	<2,16	<23,2	1350 ± 70	<10,3	<15,6	15,8
5	2005/0128	<2,05	1,30 ± 0,79	<24,5	1620 ± 82	<10,2	<15,1	23,8
6	2005/0159	<2,40	<2,33	<28,5	5360 ± 257	<12,2	<16,5	46,9
7	2005/0193	<2,11	<1,91	33,8 ± 11,9	1250 ± 70	<9,42	<15,1	47,4
8	2005/0258	<1,86	<1,77	<18,0	1220 ± 59	<6,26	<8,99	22,5
9	2005/0273	<2,12	<2,05	<21,1	1650 ± 87	<10,4	<13,6	29,2
10	2005/0308	<2,29	<2,22	<23,0	2720 ± 134	<11,2	<16,6	34,7
11	2005/0335	<2,52	<2,58	<24,3	2400 ± 128	<11,6	<19,3	26,5
12	2005/0352	<2,82	<2,78	37,5 ± 11,9	4390 ± 211	<13,5	<20,3	44,9
13	2005/0380	<2,35	<2,32	<23,9	4070 ± 196	<12,1	<16,1	39,9
14	2005/0399	<2,36	<2,33	44,7 ± 10,4	6340 ± 292	<12,2	<16,8	43,4
15	2005/0431	<3,20	<2,93	<29,4	5630 ± 271	<13,2	<22,5	33,7
16	2005/0492	<2,20	<2,18	<23,4	2210 ± 107	<10,1	<16,3	31,8
17	2005/0558	<2,24	<2,10	<22,3	4750 ± 225	<10,8	<16,5	23,8
18	2005/0641	<2,90	<2,77	<29,2	4370 ± 213	<14,4	<22,1	29,6
19	2005/0668	<2,29	<2,24	<22,5	2870 ± 140	<10,1	<15,3	16,9
20	2005/0701	<2,42	<2,31	<24,0	2900 ± 147	<12,0	<19,5	16,9
21	2005/0755	<2,22	<2,29	<20,9	5070 ± 239	13,8 ± 5,1	<16,4	16,9
22	2005/0822	<2,48	<2,23	<23,4	5530 ± 265	14,7 ± 5,7	<19,1	21,9
23	2005/0861	<2,40	<2,35	<25,9	3970 ± 187	20,6 ± 4,5	<16,4	20,9
24	2005/0881	<2,72	<2,37	<26,6	4520 ± 223	<13,3	<19,1	29,7
25	2005/0913	<2,29	<2,19	44,2 ± 10,8	5260 ± 247	<11,0	<15,5	28,5
26	2005/1010	<2,41	<2,37	<26,9	5080 ± 242	<11,9	<17,4	25,0

Table 132 Aerosol activity (gamma spectrometry) - SDS Tajná, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[Bq/m ³]	[Bq/m ³]	[Bq/m ³]	[Bq/m ³]	[Bq/m ³]	[Bq/m ³]	[g/m ³]
27	2005/1030	<2,49	<2,37	<25,2	3400 ± 167	<11,6	<17,0	18,4
28	2005/1061	<2,70	<2,40	<26,4	3760 ± 189	<13,0	<17,8	21,7
29	2005/1079	<2,21	<2,05	30,8 ± 7,7	5830 ± 270	<8,98	<11,6	33,8
30	2005/1095	<2,08	<2,14	<23,9	3210 ± 155	9,47 ± 4,20	<14,7	37,1
31	2005/1167	<2,03	<1,96	<22,5	3860 ± 182	<9,87	<13,9	30,5
32	2005/1198	<2,22	<2,13	<22,8	2290 ± 110	<9,66	<14,4	9,12
33	2005/1246	<2,18	<1,90	<20,1	3010 ± 151	<11,1	<15,3	18,2
34	2005/1372	<2,08	<1,91	<20,2	3220 ± 153	<10,3	<13,8	20,8
35	2005/1387	<2,06	<1,97	<21,8	5390 ± 252	<10,8	<15,4	18,6
36	2005/1425	<2,04	<1,96	<20,9	4720 ± 228	<11,4	<14,3	25,1
37	2005/1446	<2,21	<2,06	<22,1	3800 ± 183	<10,9	<14,4	28,9
38	2005/1461	<2,14	<1,93	<23,5	3040 ± 153	<10,5	<15,8	13,9
39	2005/1524	<2,19	<2,20	<25,3	4190 ± 200	<11,1	<16,8	18,9
40	2005/1552	<2,33	<2,16	44,5 ± 9,6	3100 ± 152	<10,2	<14,8	15,9
41	2005/1596	<2,24	<2,21	27,5 ± 8,6	4440 ± 206	<10,4	<14,1	26,7
42	2005/1615	<2,08	<2,26	<25,9	2070 ± 112	<13,7	<18,8	22,8
43	2005/1636	<2,21	<2,26	30,6 ± 10,3	2050 ± 104	<10,8	<16,2	24,7
44	2005/1728	<2,32	<2,19	23,8 ± 8,5	3390 ± 162	<11,3	<15,9	30,7
45	2005/1782	<2,30	<2,30	<26,2	1390 ± 74	12,9 ± 4,7	<16,7	47,6
46	2005/1888	<2,14	<2,11	<22,0	1360 ± 75	<9,95	<14,9	42,7
47	2005/1903	<1,84	1,38 ± 0,54	29,8 ± 6,3	1330 ± 66	<7,31	<10,2	20,9
48	2005/1996	<1,67	0,77 ± 0,45	29,6 ± 7,3	1720 ± 82	<7,17	<9,85	20,8
49	2005/2034	<2,05	<1,97	25,9 ± 8,2	1350 ± 70	<9,41	<13,4	19,9
50	2005/2060	<2,23	<2,32	<23,9	1800 ± 94	<10,6	<16,3	31,7
51	2005/2126	<2,24	<2,14	<22,8	1810 ± 84	<10,3	<15,6	12,9
52	2005/2141	<2,27	<2,05	<23,5	1380 ± 77	<11,1	<16,9	16,3

Table 133 Aerosol activity (gamma spectrometry) - SDS Tajná, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0009	1,75 ± 1,00	<47,5	1190 ± 60	<12,1	<15,4	16,2
2	2006/0024	2,13 ± 1,02	<70,7	5590 ± 270	<17,1	<23,9	30,3
3	2006/0040	<7,32	<78,5	1970 ± 110	<18,4	<25,6	42,7
4	2006/0056	<6,27	<67,9	2930 ± 150	<17,0	<23,0	41,0
5	2006/0071	<6,60	44,0 ± 12,9	3360 ± 160	<17,1	<22,6	53,2
6	2006/0086	<7,30	<90,8	2140 ± 110	<19,7	<25,5	56,6
7	2006/0104	<7,19	20,4 ± 13,1	1980 ± 110	<18,2	<26,3	34,7
8	2006/0133	<6,57	<74,2	1480 ± 80	<19,0	<26,3	26,7
9	2006/0151	<6,32	<64,3	1700 ± 90	<17,2	<21,9	27,2
10	2006/0264	<6,43	<64,9	2860 ± 140	<16,8	<21,9	23,0
11	2006/0302	<5,19	31,5 ± 10,3	2430 ± 120	<13,2	<18,1	34,0
12	2006/0371	2,47 ± 0,88	<63,2	1610 ± 90	<14,6	<21,1	50,9
13	2006/0396	<5,84	29,3 ± 10,9	1450 ± 80	<15,2	<21,5	34,1
14	2006/0418	<2,94	<34,0	3290 ± 150	<8,16	<11,0	16,1
15	2006/0449	1,73 ± 0,72	29,7 ± 8,4	4690 ± 220	<12,9	<18,2	29,1
16	2006/0514	<5,53	<61,0	4000 ± 190	<14,4	<20,3	21,3
17	2006/0537	<5,01	32,1 ± 10,1	4710 ± 220	<12,8	<17,5	29,7
18	2006/0598	<6,02	<62,4	3120 ± 150	<15,5	<22,3	25,5
19	2006/0618	2,20 ± 0,93	<54,7	6280 ± 290	<13,5	<18,6	37,2
20	2006/0685	<3,96	<42,4	5450 ± 250	<9,65	<13,9	30,6
21	2006/0712	<5,71	<66,2	4480 ± 220	<15,5	<22,1	14,5
22	2006/0780	<5,07	<52,1	3630 ± 170	<12,5	<17,8	11,2
23	2006/0797	<3,06	<30,8	2910 ± 140	<7,66	<9,92	13,6
24	2006/0816	<5,17	<57,4	4650 ± 220	<14,6	<18,4	17,0
25	2006/0851	<5,51	<54,6	6290 ± 290	<14,8	<21,3	24,9
26	2006/0867	<6,26	<65,3	5640 ± 270	<15,6	<22,1	21,2

Table 134 Aerosol activity (gamma spectrometry) - SDS Tajná, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0934	<5,19	<49,6	5090 ± 240	7,75 ± 4,77	<19,9	13,4
28	2006/0970	<5,71	44,9 ± 10,6	7370 ± 340	<14,3	<20,7	24,9
29	2006/0985	<4,01	25,1 ± 7,9	6090 ± 280	<9,75	<14,3	23,1
30	2006/1111	<5,06	<50,8	6060 ± 280	<12,3	<18,6	34,4
31	2006/1138	<3,27	31,5 ± 7,1	6150 ± 280	<8,76	<12,2	24,9
32	2006/1157	<4,03	11,9 ± 7,2	2230 ± 110	12,5 ± 3,6	<12,7	11,1
33	2006/1175	<5,55	23,4 ± 11,2	2770 ± 140	<13,7	<21,3	13,6
34	2006/1196	<4,56	<52,0	4210 ± 200	7,13 ± 4,57	<15,8	21,3
35	2006/1279	<4,62	31,6 ± 8,9	2780 ± 130	<11,5	<17,9	11,0
36	2006/1326	<3,66	<38,8	2570 ± 120	<8,83	<13,3	19,5
37	2006/1358	<3,72	<41,9	3710 ± 170	<7,22	<13,5	15,3
38	2006/1376	<3,67	<40,5	4850 ± 220	<9,18	<12,7	23,8
39	2006/1394	<3,00	17,0 ± 6,3	4390 ± 200	<6,98	<10,1	21,3
40	2006/1489	<5,40	<63,6	4320 ± 210	<13,8	<19,5	38,1
41	2006/1507	<3,57	23,6 ± 7,4	3080 ± 140	<8,84	<13,3	12,8
42	2006/1581	<5,38	<59,4	4260 ± 200	<13,2	<20,1	27,1
43	2006/1666	<5,15	<60,6	2830 ± 140	12,3 ± 4,9	<18,7	29,1
44	2006/1681	<4,03	37,7 ± 8,7	4520 ± 210	<9,83	<13,6	18,7
45	2006/1722	<3,97	<39,8	3940 ± 180	12,6 ± 3,9	<13,3	18,8
46	2006/1745	<3,63	<41,9	2080 ± 100	<9,12	<13,1	19,7
47	2006/1772	<3,72	26,2 ± 7,3	1030 ± 50	11,2 ± 3,5	<13,0	38,2
48	2006/1888	<2,78	24,4 ± 6,7	1370 ± 70	<7,20	<10,5	26,3
49	2006/1906	1,05 ± 0,60	32,1 ± 6,8	1550 ± 80	<9,09	<12,0	34,2
50	2006/1921	<3,78	<40,7	862 ± 46	11,0 ± 3,7	<13,6	21,2
51	2006/1936	<3,48	<40,7	1520 ± 70	<8,37	<13,3	21,1
52	2006/1969	2,43 ± 0,63	34,3 ± 7,0	1810 ± 90	<7,34	<10,3	26,4

Table 135 Aerosol activity (gamma spectrometry) - SDS Tajná, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0010	<3,06	19,3 ± 6,3	1100 ± 60	<7,66	<11,3	24,7
2	2007/0023	<4,70	19,1 ± 8,5	1270 ± 70	<11,8	<16,1	13,8
3	2007/0043	<5,38	<61,5	2110 ± 110	<14,7	<19,8	16,2
4	2007/0082	<4,35	31,1 ± 7,9	2490 ± 120	<10,5	<13,3	17,6
5	2007/0125	<3,87	22,6 ± 8,0	1540 ± 80	<9,95	<12,6	15,3
6	2007/0159	<4,60	<48,6	1280 ± 70	<12,3	<18,0	13,6
7	2007/0174	<3,95	40,2 ± 8,7	1500 ± 70	<10,2	<14,6	13,6
8	2007/0191	<3,82	<39,8	1530 ± 80	<10,0	<14,0	19,5
9	2007/0207	<4,76	<50,6	1970 ± 100	<12,2	<17,9	26,3
10	2007/0275	<4,85	<54,2	2800 ± 140	<12,1	<17,8	13,7
11	2007/0295	<3,79	<40,8	2130 ± 100	<9,73	<14,1	26,2
12	2007/0330	<3,50	24,7 ± 7,0	1990 ± 100	11,4 ± 4,2	<12,8	24,8
13	2007/0412	<3,86	17,8 ± 7,3	2680 ± 130	<10,1	<13,4	24,7
14	2007/0429	<4,66	27,6 ± 9,2	4040 ± 190	<11,9	<17,3	30,6
15	2007/0454	<4,64	<54,0	3040 ± 150	<12,9	<18,2	23,6
16	2007/0485	<4,00	<41,7	3750 ± 180	<9,49	<14,3	32,5
17	2007/0500	<3,56	<41,1	3880 ± 180	<10,3	<13,1	28,9
18	2007/0569	<3,87	20,4 ± 8,2	3980 ± 190	<8,89	<14,4	28,9
19	2007/0584	<3,68	<41,3	2920 ± 140	<9,87	<13,5	18,8
20	2007/0629	<3,75	<41,7	2490 ± 120	<9,57	<14,0	15,3
21	2007/0654	<3,88	<41,6	2710 ± 130	<9,50	<14,0	25,5
22	2007/0732	<3,89	25,6 ± 5,6	3520 ± 170	<10,3	<13,2	23,9
23	2007/0780	<3,78	<40,7	1790 ± 90	<9,77	<12,8	13,5
24	2007/0796	<3,15	<34,5	4750 ± 220	<8,88	<10,8	17,0
25	2007/0829	<3,49	<39,6	3310 ± 160	<9,30	<12,9	14,5
26	2007/0844	<3,27	18,9 ± 6,8	3120 ± 150	<8,56	<10,7	13,6

Table 136 Aerosol activity (gamma spectrometry) - SDS Tajná, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0928	<3,38	<36,1	2950 ± 140	<9,58	<11,8	14,4
28	2007/0945	<5,33	<54,2	2750 ± 140	<13,8	<19,2	13,4
29	2007/1020	<3,58	21,2 ± 7,7	2900 ± 140	<11,4	<11,9	19,8
30	2007/1095	<3,82	43,0 ± 7,8	4310 ± 200	<10,9	<12,5	26,3
31	2007/1125	<3,77	<42,0	2860 ± 140	<9,94	<13,0	11,9
32	2007/1158	<3,71	<43,5	2760 ± 130	<9,66	<11,9	21,2
33	2007/1173	<3,86	<41,7	3030 ± 140	<10,7	<12,4	20,4
34	2007/1241	<4,44	21,5 ± 8,5	3310 ± 160	<12,2	<15,4	17,9
35	2007/1256	<5,00	<49,0	3430 ± 170	<13,0	<16,8	22,9
36	2007/1290	<3,98	<45,3	2870 ± 140	<10,4	<15,0	15,0
37	2007/1309	<5,02	<53,4	1180 ± 70	<12,0	<17,4	8,21
38	2007/1357	<4,42	<48,9	3540 ± 170	<12,5	<14,8	19,8
39	2007/1425	<3,80	34,8 ± 9,5	3650 ± 170	<10,7	<13,7	22,1
40	2007/1452	<4,00	40,8 ± 11,2	2790 ± 130	<10,2	<14,1	18,5
41	2007/1493	<3,11	45,1 ± 9,6	2240 ± 110	<8,54	<11,4	23,2
42	2007/1513	<5,51	53,1 ± 14,5	2240 ± 120	<14,4	<20,2	29,8
43	2007/1546	<3,80	50,6 ± 10,5	1510 ± 70	<10,2	<13,5	17,4
44	2007/1633	<3,73	<40,8 ± 8,5	748 ± 42	<10,6	<13,7	22,8
45	2007/1657	<4,79	52,7 ± 12,7	1160 ± 60	<13,9	<17,2	15,4
46	2007/1732	<3,98	27,5 ± 8,7	821 ± 47	<10,6	<13,8	7,60
47	2007/1803	<4,08	39,3 ± 9,5	962 ± 52	<10,4	<12,4	24,8
48	2007/1851	<4,24	47,4 ± 11,2	1830 ± 90	<12,0	<16,1	26,7
49	2007/1866	<5,02	36,7 ± 10,7	1550 ± 80	<12,9	<17,3	22,3
50	2007/1909	<3,94	45,7 ± 9,5	800 ± 43	11,3 ± 5,3	<13,6	21,9
51	2007/1953	<5,25	49,9 ± 15,0	1650 ± 90	<15,3	<20,9	29,7
52	2007/1968	<5,28	<62,7	2570 ± 130	<13,7	<18,0	41,0

Table 137 Aerosol activity (gamma spectrometry) - SDS Tajná , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0008	<4,27	46,2 ± 22,3	1440 ± 130	11,4 ± 11,1	<15,1	33,6
2	2008/0024	<3,69	59,6 ± 20,5	1780 ± 150	<9,46	<13,2	19,4
3	2008/0039	<3,75	43,2 ± 19,6	2070 ± 170	<10,1	<13,7	25,3
4	2008/0054	<3,98	54,9 ± 19,6	1660 ± 140	<10,0	<13,9	18,8
5	2008/0124	<4,01	50,2 ± 20,8	1620 ± 140	<10,0	<13,8	17,0
6	2008/0139	1,38 ± 1,59	38,6 ± 22,5	2050 ± 180	<12,0	<17,8	23,8
7	2008/0166	<3,78	41,3 ± 21,2	1470 ± 130	<9,63	<13,2	23,8
8	2008/0236	<3,69	70,1 ± 20,9	2070 ± 170	<10,7	<12,9	28,9
9	2008/0303	<5,06	44,5 ± 24,8	2610 ± 220	<12,0	<16,3	31,0
10	2008/0332	<4,34	51,2 ± 22,8	3330 ± 270	12,2 ± 10,3	<16,4	18,2
11	2008/0372	<3,84	57,5 ± 21,2	2780 ± 220	<9,01	<13,1	23,8
12	2008/0401	<3,68	43,2 ± 19,3	2460 ± 200	<9,29	<12,6	10,2
13	2008/0417	<3,45	43,1 ± 20,1	1660 ± 140	<10,1	<12,9	11,9
14	2008/0503	<2,33	46,2 ± 15,5	5060 ± 400	<7,60	<10,2	17,1
15	2008/0522	<1,80	48,4 ± 16,0	2400 ± 190	<6,02	<7,93	21,5
16	2008/0539	<4,16	49,2 ± 22,1	2690 ± 220	11,5 ± 10,3	<14,9	23,6
17	2008/0610	<2,39	<40,9	2020 ± 180	<8,53	<11,1	17,1
18	2008/0628	<2,40	44,7 ± 16,6	5500 ± 430	<7,14	<10,5	22,1
19	2008/0647	<1,83	<27,9	3020 ± 240	<5,78	<8,66	19,6
20	2008/0670	<2,98	47,6 ± 18,8	3600 ± 280	<8,08	<9,81	25,4
21	2008/0704	<3,06	60,4 ± 17,6	3220 ± 250	<8,01	<11,0	18,8
22	2008/0782	<2,90	49,5 ± 17,1	2060 ± 170	<8,02	<10,8	20,4
23	2008/0805	<3,95	43,6 ± 20,5	6020 ± 470	<10,1	<13,7	25,5
24	2008/0850	<2,36	<37,7	4260 ± 350	<7,75	<11,0	16,4
25	2008/0867	<2,02	<30,6	3010 ± 240	<6,76	<8,78	13,9
26	2008/0963	<2,29	<33,3	4100 ± 330	<7,78	<9,73	17,8

Table 138 Aerosol activity (gamma spectrometry) - SDS Tajná, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0985	<2,85	<46,8	4080 ± 340	<10,1	<11,9	15,3
28	2008/1067	<2,06	46,9 ± 18,0	4390 ± 350	<7,40	<10,4	16,2
29	2008/1091	<2,70	<51,8	3120 ± 270	<9,63	<12,5	20,4
30	2008/1106	<2,84	43,0 ± 16,8	3340 ± 260	7,03 ± 6,57	<10,4	14,4
31	2008/1174	<2,71	<39,3	3670 ± 310	<9,16	<12,5	19,6
32	2008/1189	<2,86	60,1 ± 17,4	4220 ± 330	<7,55	<9,79	21,2
33	2008/1216	<2,61	<44,0	3930 ± 320	<7,37	<13,2	14,4
34	2008/1241	<2,85	50,8 ± 15,3	3510 ± 280	9,27 ± 7,06	<10,8	14,4
35	2008/1287	<2,63	<50,4	3100 ± 260	<9,51	<12,4	17,8
36	2008/1364	<2,84	<46,2	3440 ± 290	<9,94	<12,2	22,0
37	2008/1402	<2,62	51,9 ± 16,3	4350 ± 330	10,6 ± 6,9	<8,97	31,7
38	2008/1417	<2,48	<39,4	2590 ± 220	<8,84	<10,6	16,4
39	2008/1504	<2,57	<36,8	1350 ± 130	<8,02	<11,4	17,9
40	2008/1521	<2,61	<41,1	3720 ± 310	20,1 ± 7,6	<12,2	23,7
41	2008/1557	<2,08	42,0 ± 15,5	2400 ± 200	15,8 ± 6,3	<9,20	15,9
42	2008/1577	1,76 ± 0,72	41,1 ± 16,6	1420 ± 130	<7,85	<10,9	26,8
43	2008/1599	<2,68	38,6 ± 13,7	2420 ± 190	11,3 ± 5,8	<8,93	25,2
44	2008/1647	<2,78	37,7 ± 13,9	2260 ± 180	<7,43	<9,81	32,1
45	2008/1720	<2,53	30,6 ± 11,1	3240 ± 250	15,5 ± 6,5	<7,98	18,8
46	2008/1745	<2,63	24,9 ± 12,0	3510 ± 280	7,45 ± 5,53	<9,95	30,5
47	2008/1760	3,46 ± 1,92	<28,4	2520 ± 200	<7,46	<10,7	27,2
48	2008/1837	<2,46	17,2 ± 10,0	1700 ± 140	<6,30	<8,56	11,9
49	2008/1877	<2,74	23,1 ± 11,7	1790 ± 150	<6,94	<10,1	13,7
50	2008/1897	<2,29	88,2 ± 21,1	1320 ± 160	<6,52	<10,1	14,5
51	2008/1942	<3,18	<34,4	2560 ± 210	<7,74	<11,8	11,9
52	2008/2059	<3,32	85,0 ± 27,8	1540 ± 190	<10,2	<14,8	11,9

Table 139 Aerosol activity (gamma spectrometry) - SDS Tajná , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0009	<2,64	<2,55	62,5 ± 15,0	1970 ± 106	<11,9	<18,4	26,3
2	2005/0024	<1,89	<2,05	<22,8	1130 ± 66	<9,73	<14,7	21,7
3	2005/0045	<2,39	<2,50	<24,8	2160 ± 118	<11,9	<18,2	23,8
4	2005/0060	<2,31	<2,18	<24,4	1600 ± 84	<9,20	<13,7	17,8
5	2005/0129	<2,32	<2,20	<21,8	1480 ± 79	<11,3	<17,3	23,9
6	2005/0160	<1,82	<2,17	<21,0	1840 ± 94	<9,88	<14,6	42,6
7	2005/0194	<3,15	<3,03	63,9 ± 14,2	718 ± 49	<15,0	<21,5	49,6
8	2005/0259	<2,04	<2,05	<23,2	1130 ± 62	<10,4	<14,9	24,0
9	2005/0274	<2,85	<2,59	<25,4	1670 ± 88	<13,0	<19,6	29,2
10	2005/0309	<2,67	<2,45	<27,8	2930 ± 149	<16,0	<19,4	33,7
11	2005/0336	<2,36	<2,42	<25,3	3140 ± 158	<11,6	<16,7	26,5
12	2005/0253	<2,70	<2,72	<30,1	4730 ± 225	<13,5	<20,2	29,5
13	2005/0381	<2,30	<2,30	<27,2	4290 ± 206	<11,8	<16,7	43,0
14	2005/0400	<2,56	<2,77	45,6 ± 13,8	6940 ± 325	19,2 ± 6,0	<19,1	50,4
15	2005/0432	<2,33	<2,30	41,4 ± 9,1	6000 ± 278	14,4 ± 4,3	<16,2	34,7
16	2005/0493	<2,18	<2,22	36,2 ± 9,1	4520 ± 211	<11,0	<16,3	34,8
17	2005/0559	<2,25	<2,07	23,0 ± 9,8	2550 ± 126	<10,5	<16,8	24,8
18	2005/0642	<2,92	<2,66	<29,6	4870 ± 235	<14,2	<21,3	27,6
19	2005/0669	<2,23	<2,24	<21,8	3200 ± 155	<10,8	<16,1	15,0
20	2005/0702	<2,55	<2,53	<27,9	3070 ± 157	<13,4	<20,8	16,9
21	2005/0756	<2,44	<2,33	<26,1	5070 ± 247	<12,6	<20,5	25,9
22	2005/0823	<2,28	<2,46	<25,4	5820 ± 279	15,7 ± 6,1	<19,6	32,7
23	2005/0862	<2,44	<2,21	47,5 ± 11,5	6020 ± 288	13,8 ± 5,0	<16,3	26,0
24	2005/0882	<2,31	<2,18	<23,5	4700 ± 219	<10,7	<16,1	22,7
25	2005/0914	<2,51	<2,51	<26,0	4700 ± 229	<12,8	<20,5	25,7
26	2005/1011	<2,56	<2,54	<24,5	5340 ± 258	<14,3	<19,5	26,8

Table 140 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1031	<2,33	<2,18	<25,0	4150 ± 200	<11,1	<16,7	24,0
28	2005/1062	<2,51	<2,31	<24,9	3380 ± 171	<13,2	<19,3	26,7
29	2005/1080	<2,46	<2,25	33,8 ± 9,2	5730 ± 267	<11,3	<14,8	27,8
30	2005/1096	<2,25	<2,20	25,1 ± 8,7	4020 ± 189	<10,7	<16,0	32,1
31	2005/1168	<2,62	<2,31	35,7 ± 13,7	3670 ± 185	<13,1	<19,4	41,9
32	2005/1199	<2,36	<2,19	<22,3	2550 ± 122	<9,98	<14,2	13,0
33	2005/1247	<1,94	<1,93	<20,6	3360 ± 161	<9,63	<14,4	19,6
34	2005/1373	<2,34	<2,18	<23,6	3780 ± 184	<11,7	<16,4	20,8
35	2005/1388	<2,29	<2,14	<26,4	5190 ± 253	<12,7	<18,3	24,1
36	2005/1426	<2,24	<2,06	99,5 ± 29,9	4300 ± 220	<10,4	<14,1	24,5
37	2005/1447	<2,78	<2,49	<26,8	2300 ± 120	<13,2	<18,7	30,1
38	2005/1462	<2,31	<2,03	<24,4	3180 ± 161	<10,7	<16,3	12,2
39	2005/1525	<2,35	<2,23	26,1 ± 11,1	3880 ± 186	<11,0	<17,1	24,8
40	2005/1553	<2,28	<2,22	14,3 ± 8,4	2940 ± 139	<8,85	<10,8	18,9
41	2005/1597	<2,24	2,52 ± 1,19	<30,2	5080 ± 243	<12,5	<17,4	32,7
42	2005/1616	<2,19	<2,05	31,9 ± 8,2	2320 ± 113	<9,73	<13,4	24,8
43	2005/1637	<2,09	<1,93	28,6 ± 8,6	1890 ± 94	<10,3	<14,3	24,7
44	2005/1729	<2,24	<2,38	42,5 ± 9,8	3600 ± 174	<12,3	<16,9	35,7
45	2005/1783	<1,91	<1,93	41,6 ± 9,5	1520 ± 76	<10,3	<14,7	57,5
46	2005/1889	<2,55	<2,55	<26,5	1420 ± 78	<12,6	<18,7	49,6
47	2005/1904	<2,54	<2,55	<24,8	1410 ± 79	<11,9	<18,3	22,7
48	2005/1997	<2,18	<1,96	16,0 ± 8,1	1110 ± 60	<9,59	<14,5	21,8
49	2005/2035	<2,15	<2,08	<22,4	1370 ± 74	<10,2	<14,6	19,9
50	2005/2061	<2,58	<2,34	<24,9	2160 ± 109	<11,0	<17,1	35,6
51	2005/2127	<2,33	1,67 ± 0,83	32,9 ± 9,7	2070 ± 105	<11,7	<16,3	15,9
52	2005/2142	<2,33	<2,33	<25,0	775 ± 50	<11,3	<17,4	18,0

Table 141 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0010	<3,04	31,6 ± 6,9	574 ± 32	<8,04	<10,3	17,4
2	2006/0025	<7,06	<79,2	6030 ± 290	<18,5	<25,2	33,9
3	2006/0041	<6,19	45,9 ± 12,9	1850 ± 100	<15,7	<21,2	40,8
4	2006/0057	<6,62	<71,9	3350 ± 170	<17,1	<23,4	43,1
5	2006/0072	<6,95	<72,6	1960 ± 110	<17,2	<22,1	56,7
6	2006/0087	<5,83	19,5 ± 12,4	2030 ± 100	<15,3	<20,1	58,6
7	2006/0105	<7,24	<80,7	1000 ± 60	<18,7	<25,3	34,7
8	2006/0134	<9,43	<95,8	649 ± 59	34,4 ± 14,1	<32,1	35,0
9	2006/0152	<5,37	16,2 ± 10,9	1800 ± 90	<12,8	<18,1	28,3
10	2006/0265	2,09 ± 1,03	<64,1	3090 ± 150	<16,2	<22,3	23,8
11	2006/0303	<6,46	<70,3	2600 ± 130	<16,3	<22,4	34,1
12	2006/0372	<6,66	<63,0	1940 ± 100	<15,7	<22,5	45,9
13	2006/0397	<6,23	<67,3	1410 ± 80	<15,5	<22,6	31,6
14	2006/0419	<3,10	17,1 ± 6,6	3460 ± 160	10,7 ± 3,9	<10,5	11,9
15	2006/0450	<3,64	36,7 ± 8,4	4900 ± 230	<8,00	<13,7	29,9
16	2006/0515	<4,83	<55,6	4670 ± 220	<13,0	<17,2	31,5
17	2006/0538	<5,07	34,3 ± 9,9	5240 ± 250	<12,1	<17,5	49,3
18	2006/0599	<6,03	36,6 ± 12,3	3830 ± 190	<11,8	<21,9	28,9
19	2006/0649	<5,42	<51,9	5470 ± 260	<12,8	<17,8	37,4
20	2006/0686	<3,69	<41,5	5660 ± 260	<10,2	<12,8	34,9
21	2006/0711	<5,06	<56,5	6010 ± 280	<13,3	<18,2	26,5
22	2006/0781	<4,93	<50,3	4160 ± 200	<12,5	<15,7	16,3
23	2006/0798	<5,81	<65,5	3210 ± 160	<15,5	<21,7	19,4
24	2006/0817	<5,41	19,5 ± 9,9	5250 ± 250	<13,9	<18,7	22,9
25	2006/0852	<5,51	<64,7	6970 ± 320	<12,7	<20,6	30,9
26	2006/0868	<5,52	42,0 ± 10,3	1470 ± 80	<14,1	<18,8	18,7

Table 142 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0935	<3,61	25,2 ± 8,0	5170 ± 240	<9,70	<13,6	24,4
28	2006/0971	<5,76	25,1 ± 10,6	7480 ± 350	<14,2	<21,5	26,9
29	2006/0986	<4,77	<54,7	5870 ± 270	<12,7	<17,7	23,1
30	2006/1112	<3,76	<44,5	4860 ± 230	<9,40	<13,3	37,8
31	2006/1139	<5,24	24,1 ± 8,8	4460 ± 210	<12,2	<17,7	31,8
32	2006/1158	<4,59	<51,4	2350 ± 110	<11,4	<15,3	12,8
33	2006/1176	<4,55	<52,5	2840 ± 140	<11,1	<16,9	15,3
34	2006/1197	<5,68	<65,4	2770 ± 140	<15,0	<21,9	21,3
35	2006/1280	<3,73	20,3 ± 7,2	2800 ± 130	<8,90	<13,6	18,7
36	2006/1327	<3,63	<41,2	3040 ± 140	<9,23	<12,7	17,0
37	2006/1359	<2,97	30,2 ± 7,5	3800 ± 180	<6,93	<10,2	21,3
38	2006/1377	<3,77	21,0 ± 7,8	4580 ± 210	<9,31	<13,6	31,6
39	2006/1395	<3,74	36,4 ± 8,2	5160 ± 240	<9,23	<13,4	31,5
40	2006/1490	<3,84	41,0 ± 9,6	4310 ± 200	<9,02	<14,2	44,9
41	2006/1508	1,06 ± 0,63	<47,5	3320 ± 160	<10,7	<15,5	21,3
42	2006/1582	<3,84	57,6 ± 8,9	4590 ± 210	<9,43	<11,6	38,2
43	2006/1667	<4,27	36,5 ± 8,3	3160 ± 150	12,7 ± 3,9	<14,5	35,9
44	2006/1682	<4,57	<50,1	4200 ± 200	<11,5	<17,0	22,8
45	2006/1723	<3,68	18,2 ± 7,4	4390 ± 200	19,7 ± 4,0	<11,0	21,8
46	2006/1746	<3,05	<32,4	1910 ± 90	<7,44	<9,79	21,4
47	2006/1773	<4,84	<57,4	1450 ± 80	<13,0	<17,0	43,8
48	2006/1889	<3,77	<36,5	1080 ± 60	<9,57	<12,5	29,2
49	2006/1907	<3,71	22,5 ± 8,2	1560 ± 80	11,0 ± 4,0	<12,5	39,5
50	2006/1922	<3,82	<42,1	944 ± 50	11,7 ± 3,6	<13,1	24,5
51	2006/1937	<5,75	<54,1	1380 ± 80	<12,7	<20,8	23,7
52	2006/1970	3,22 ± 0,72	19,2 ± 7,5	1790 ± 90	7,55 ± 4,00	<13,3	30,5

Table 143 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0011	<3,92	23,3 ± 8,0	1280 ± 70	<9,57	<13,2	24,7
2	2007/0024	<4,31	27,6 ± 7,4	1430 ± 70	<10,5	<14,1	14,6
3	2007/0044	<4,12	19,2 ± 8,8	2580 ± 120	<11,6	<14,7	15,3
4	2007/0083	<3,97	<42,6	2000 ± 100	<10,2	<14,1	13,6
5	2007/0126	<3,23	21,9 ± 7,0	1790 ± 70	<8,22	<11,7	13,6
6	2007/0160	<3,79	<38,9	1270 ± 60	<9,29	<13,5	12,8
7	2007/0175	<3,06	18,5 ± 6,0	1460 ± 70	<7,79	<10,6	11,9
8	2007/0192	<3,80	<37,0	1570 ± 80	<9,60	<14,2	18,7
9	2007/0208	<3,84	<41,6	2010 ± 100	<9,77	<14,6	26,3
10	2007/0276	<3,75	<40,9	1890 ± 90	<9,83	<12,9	13,7
11	2007/0296	<3,75	17,2 ± 7,8	2330 ± 110	<9,87	<13,8	22,0
12	2007/0331	<4,50	<58,9	1820 ± 90	<12,6	<17,4	20,7
13	2007/0413	<4,90	43,8 ± 12,1	3630 ± 170	<12,9	<17,5	33,9
14	2007/0430	<3,15	35,3 ± 8,3	4300 ± 200	<8,27	<10,6	33,4
15	2007/0455	1,15 ± 0,60	34,6 ± 7,4	3120 ± 150	<10,5	<14,0	23,6
16	2007/0486	<3,17	35,6 ± 8,0	4080 ± 190	<8,53	<11,4	32,5
17	2007/0501	<3,90	26,0 ± 8,0	4240 ± 200	<10,5	<14,2	26,3
18	2007/0570	<3,97	25,0 ± 8,2	4230 ± 200	<10,4	<14,4	28,1
19	2007/0585	<3,94	27,0 ± 7,0	2990 ± 140	<10,1	<14,0	21,3
20	2007/0630	<3,83	<40,8	2580 ± 120	<10,5	<12,5	20,4
21	2007/0655	<3,69	<41,2	3210 ± 150	<9,88	<14,3	25,5
22	2007/0733	<3,94	30,2 ± 8,2	4020 ± 190	<9,89	<14,6	31,5
23	2007/0781	<3,73	25,6 ± 8,5	1810 ± 90	<9,46	<13,7	15,2
24	2007/0797	<3,84	<39,1	5020 ± 230	<10,2	<14,2	20,4
25	2007/0830	<3,74	18,6 ± 7,7	3410 ± 160	<9,57	<13,0	21,3
26	2007/0845	<5,80	<71,7	3180 ± 160	<15,8	<23,7	18,8

Table 144 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0929	<4,96	<55,6	3010 ± 150	<13,8	<17,9	17,8
28	2007/0946	<5,22	<54,5	2910 ± 150	<13,9	<15,5	18,7
29	2007/1021	<3,85	31,2 ± 10,3	3370 ± 160	<10,2	<12,2	25,5
30	2007/1036	<3,65	41,2 ± 8,7	4490 ± 210	<10,1	<12,9	35,7
31	2007/1126	<3,77	<44,6	3090 ± 150	<10,8	<13,2	16,2
32	2007/1159	<3,32	20,6 ± 7,1	3040 ± 140	<8,86	<10,1	22,6
33	2007/1174	<3,80	25,6 ± 7,3	3360 ± 160	<10,9	<12,9	17,9
34	2007/1242	<4,53	<48,3	3400 ± 160	<12,7	<16,2	19,5
35	2007/1257	<3,81	19,8 ± 7,8	3500 ± 170	<10,2	<12,7	24,4
36	2007/1291	<5,09	<56,2	2750 ± 140	<15,0	<19,9	15,8
37	2007/1310	<4,69	<51,5	1600 ± 80	<12,7	<17,3	8,82
38	2007/1358	<4,44	24,6 ± 9,2	3620 ± 170	<11,6	<14,1	19,2
39	2007/1426	<3,04	46,7 ± 8,8	3550 ± 160	10,6 ± 4,7	<11,7	19,6
40	2007/1453	1,02 ± 0,66	49,3 ± 8,8	2760 ± 130	<10,0	<13,0	20,4
41	2007/1494	<3,46	35,8 ± 9,1	2340 ± 110	<9,47	<12,4	22,6
42	2007/1514	<3,18	57,4 ± 8,3	2020 ± 100	<8,88	<10,5	25,7
43	2007/1547	<4,04	58,3 ± 9,6	1670 ± 80	<10,4	<13,0	16,2
44	2007/1634	<3,77	59,1 ± 11,1	836 ± 46	<9,80	<14,1	23,7
45	2007/1658	<3,95	63,9 ± 11,3	1160 ± 60	<10,3	<13,4	13,7
46	2007/1733	<5,32	35,2 ± 11,8	838 ± 50	<14,8	<20,0	7,57
47	2007/1804	<3,89	53,9 ± 9,9	939 ± 49	<10,3	<11,2	22,4
48	2007/1852	<3,67	54,4 ± 10,0	1870 ± 90	<9,97	<13,2	25,8
49	2007/1867	<4,07	58,1 ± 11,4	1910 ± 90	<11,7	<15,0	24,7
50	2007/1910	<5,20	<67,4	867 ± 54	<14,0	<18,5	19,3
51	2007/1954	<5,90	73,7 ± 15,3	1630 ± 80	<15,8	<20,5	22,7
52	2007/1969	<5,13	61,9 ± 13,7	2620 ± 130	<14,1	<19,8	39,5

Table 145 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0009	<3,55	73,2 ± 21,7	1540 ± 130	<8,48	<12,8	32,6
2	2008/0025	<4,22	36,7 ± 22,8	1660 ± 150	<11,4	<15,1	19,9
3	2008/0040	<3,68	27,0 ± 17,0	2110 ± 180	<9,82	<13,5	22,8
4	2008/0055	<3,84	38,0 ± 17,7	1550 ± 140	<9,86	<13,5	17,1
5	2008/0125	<3,99	48,1 ± 19,0	1720 ± 150	<8,61	<13,8	17,1
6	2008/0140	<3,88	51,9 ± 19,3	1910 ± 160	<9,82	<14,1	23,0
7	2008/0167	<4,90	43,5 ± 21,8	1510 ± 150	<11,4	<17,2	24,6
8	2008/0237	<4,21	48,3 ± 22,4	1960 ± 170	<10,6	<15,0	22,8
9	2008/0304	<2,48	<41,3	3450 ± 280	<8,13	<10,3	29,1
10	2008/0333	<4,44	45,4 ± 18,8	3400 ± 270	<11,1	<15,4	15,9
11	2008/0373	<3,73	47,7 ± 19,9	2820 ± 230	<9,63	<13,3	22,9
12	2008/0402	<3,50	36,3 ± 16,3	2790 ± 220	<9,42	<12,6	9,35
13	2008/0418	<1,97	<28,6	2050 ± 170	<6,08	<8,23	11,9
14	2008/0504	<2,75	35,3 ± 18,6	4850 ± 390	<9,87	<11,9	17,9
15	2008/0523	<1,78	<27,7	2370 ± 190	<6,18	<8,06	18,9
16	2008/0540	<4,10	55,6 ± 23,4	2790 ± 230	8,54 ± 9,98	<14,8	26,6
17	2008/0611	<2,65	<44,0	2090 ± 190	<7,76	<11,0	14,2
18	2008/0629	<2,38	<34,1	6100 ± 480	<7,79	<10,8	23,0
19	2008/0648	<2,11	<33,5	3230 ± 260	<7,24	<9,51	17,9
20	2008/0671	<3,07	36,2 ± 16,8	3910 ± 310	<8,56	<11,2	24,5
21	2008/0705	<3,21	46,1 ± 18,9	3360 ± 270	<8,43	<11,4	24,8
22	2008/0783	<2,92	54,6 ± 17,3	2240 ± 180	<8,12	<10,6	25,5
23	2008/0806	<3,12	59,8 ± 20,4	6570 ± 500	<8,19	<11,5	38,9
24	2008/0851	<2,52	<38,3	4230 ± 340	<7,38	<10,9	17,9
25	2008/0868	<2,11	<33,4	3060 ± 240	<7,81	<9,08	18,1
26	2008/0964	<2,34	<37,2	4280 ± 340	<7,50	<9,62	22,9

Table 146 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0986	<2,78	49,0 ± 20,6	4180 ± 350	<8,39	<12,4	20,4
28	2008/1068	<2,15	<36,1	4470 ± 360	<7,23	<10,3	20,5
29	2008/1092	<2,32	<38,6	2980 ± 250	<7,43	<10,6	21,3
30	2008/1107	<3,02	44,1 ± 16,4	3400 ± 270	17,0 ± 7,0	<10,1	18,6
31	2008/1175	<2,23	<34,8	4050 ± 330	<7,62	<10,0	17,2
32	2008/1190	<2,73	54,2 ± 16,5	4060 ± 310	11,1 ± 6,7	<9,08	20,4
33	2008/1217	<2,32	<37,5	4390 ± 350	<7,07	<10,0	17,9
34	2008/1242	<2,66	65,1 ± 17,6	3690 ± 280	11,1 ± 6,5	<8,12	22,9
35	2008/1288	<3,04	<45,0	3150 ± 260	<10,0	<12,9	19,5
36	2008/1365	<1,70	63,6 ± 15,7	3430 ± 270	<6,31	<7,80	22,9
37	2008/1403	<2,78	<46,2	4580 ± 370	<9,29	<12,2	37,7
38	2008/1418	<2,53	<41,0	2550 ± 220	<8,38	<11,5	23,1
39	2008/1505	<2,61	<39,8	1340 ± 130	<8,51	<11,3	12,7
40	2008/1522	<2,26	73,5 ± 21,1	3380 ± 400	<6,51	<9,99	19,5
41	2008/1558	<2,11	<32,8	2610 ± 210	22,5 ± 6,8	<9,72	12,0
42	2008/1578	<1,94	62,3 ± 21,4	845 ± 95	<10,3	<14,0	21,4
43	2008/1600	<2,52	33,6 ± 13,9	2280 ± 180	12,7 ± 5,3	<9,21	22,9
44	2008/1648	<2,71	14,9 ± 11,3	2240 ± 180	<7,23	<10,0	24,7
45	2008/1721	2,71 ± 1,70	<32,8	3290 ± 270	<8,82	<10,8	20,6
46	2008/1746	<2,81	31,4 ± 13,4	3770 ± 300	17,2 ± 6,0	<10,6	32,1
47	2008/1761	<3,94	44,9 ± 18,4	3310 ± 260	20,7 ± 10,6	<12,5	34,9
48	2008/1838	<2,42	<27,3	1770 ± 140	<6,29	<8,84	12,8
49	2008/1878	<3,00	<33,6	1870 ± 160	<7,59	<10,9	13,7
50	2008/1898	<2,41	76,8 ± 21,5	1260 ± 150	<9,66	<10,8	13,6
51	2008/1943	<3,28	15,5 ± 14,6	2640 ± 220	<8,00	<12,2	11,0
52	2008/2060	<2,81	<39,3	1550 ± 190	<9,79	<12,5	10,9

Table 147 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0010	<2,16	<1,98	<22,1	1480 ± 80	<10,3	<14,0	15,3
2	2005/0025	<2,12	<2,20	<26,2	1190 ± 70	<11,5	<14,5	19,1
3	2005/0046	<2,02	<1,88	35,2 ± 10,5	1570 ± 83	<8,87	<13,4	19,9
4	2005/0061	<2,54	<2,37	<24,4	1120 ± 69	<11,4	<17,4	9,89
5	2005/0130	<2,41	<2,23	<24,7	1090 ± 62	<10,9	<17,0	20,9
6	2005/0161	<2,88	<2,98	<33,5	3570 ± 178	<14,0	<20,6	42,5
7	2005/0195	<2,66	<2,62	31,8 ± 11,2	594 ± 40	<13,0	<19,2	41,7
8	2005/0260	<2,63	<2,61	<28,5	1060 ± 62	<13,2	<19,0	21,7
9	2005/0275	<2,11	<2,05	<22,4	1350 ± 69	<10,3	<14,1	29,1
10	2005/0310	<2,48	<2,47	<27,7	2240 ± 118	<15,0	<20,0	29,6
11	2005/0337	<2,43	<2,44	<27,9	2470 ± 128	<11,5	<17,6	28,5
12	2005/0354	<2,71	<2,62	<27,8	3790 ± 184	<13,5	<20,0	28,3
13	2005/0382	<2,25	<2,28	<24,6	3240 ± 160	<12,3	<16,1	36,0
14	2005/0401	<2,59	<2,51	<27,0	4640 ± 221	<12,8	<18,9	42,9
15	2005/0433	<1,61	1,78 ± 0,60	36,2 ± 6,8	4320 ± 199	11,0 ± 3,1	<10,9	32,0
16	2005/0494	<2,84	<2,84	<32,3	2940 ± 151	<13,9	<21,3	27,5
17	2005/0560	<3,17	<2,85	<32,6	3220 ± 161	17,3 ± 5,9	<22,7	20,8
18	2005/0643	<2,10	<2,03	<20,7	3650 ± 174	<10,6	<14,0	29,7
19	2005/0670	<2,25	<2,15	<23,0	2370 ± 114	<9,99	<14,6	13,0
20	2005/0703	<2,44	<2,31	<23,0	2310 ± 121	<11,9	<18,5	15,7
21	2005/0757	<2,17	<2,27	30,6 ± 11,2	3880 ± 188	11,5 ± 5,1	<16,4	19,9
22	2005/0824	<2,28	<2,13	<24,2	4300 ± 205	<11,5	<16,4	24,8
23	2005/0863	<2,43	<2,28	31,5 ± 16,1	2060 ± 105	<13,2	<19,5	20,9
24	2005/0883	<2,51	<2,28	<21,6	3380 ± 169	<10,7	<18,6	20,7
25	2005/0915	<2,34	<2,16	<26,1	3600 ± 174	<11,1	<16,6	23,8
26	2005/1012	<2,48	<2,29	<23,0	4310 ± 212	<12,4	<19,2	23,8

Table 148 Aerosol activity (gamma spectrometry) - SDS Nemčičany, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1032	<2,23	<2,06	<22,6	2560 ± 129	<11,0	<16,2	15,0
28	2005/1063	<2,49	<2,34	<26,0	2860 ± 147	<12,4	<17,7	18,7
29	2005/1081	<2,48	<2,22	<23,8	4340 ± 204	<11,4	<15,9	21,0
30	2005/1097	<2,39	<2,30	<24,0	2770 ± 133	<11,7	<16,4	29,2
31	2005/1169	<2,46	<2,27	<24,0	3780 ± 190	<12,3	<17,7	28,3
32	2005/1200	<2,28	<2,12	<25,9	1960 ± 101	<10,7	<16,7	10,0
33	2005/1248	<2,10	<1,83	<19,3	2360 ± 122	<10,4	<14,4	15,6
34	2005/1374	<2,14	<2,01	35,4 ± 9,2	2820 ± 137	<10,6	<14,7	16,2
35	2005/1389	<2,12	<2,04	<21,8	4330 ± 204	<10,8	<14,9	17,4
36	2005/1427	<2,08	<2,21	<20,8	3890 ± 192	<11,4	<14,7	24,1
37	2005/1448	<2,10	<2,25	<23,5	2980 ± 146	<10,7	<15,7	24,4
38	2005/1463	<2,19	<2,32	<26,5	2350 ± 123	<11,4	<16,3	10,4
39	2005/1526	<2,19	<2,33	33,5 ± 11,7	3610 ± 174	<10,7	<15,5	22,8
40	2005/1554	<2,20	<2,28	<24,7	2300 ± 117	<11,0	<15,6	14,9
41	2005/1598	<2,63	<2,40	<27,1	3530 ± 176	<13,4	<20,0	28,7
42	2005/1617	<2,14	<2,30	<23,5	1750 ± 91	<10,7	<16,5	18,9
43	2005/1638	<2,20	<2,02	<21,1	1780 ± 91	<11,1	<15,4	20,8
44	2005/1730	<2,38	<2,25	<26,1	2540 ± 133	<12,2	<15,6	34,5
45	2005/1784	<2,02	<1,95	<21,0	1310 ± 68	<10,7	<15,8	42,7
46	2005/1890	<2,52	<2,52	<24,3	1160 ± 68	<12,1	<19,0	34,7
47	2005/1905	<2,57	<2,36	<23,7	972 ± 57	<11,2	<17,3	19,2
48	2005/1998	<2,10	<2,08	32,2 ± 8,6	1280 ± 67	<10,3	<15,1	17,8
49	2005/2036	<1,89	<1,79	26,5 ± 7,9	1070 ± 54	<7,60	<10,8	16,0
50	2005/2062	<2,38	<2,36	<28,1	1770 ± 99	<11,6	<18,3	26,7
51	2005/2128	<2,45	<2,56	<28,6	1310 ± 76	<13,1	<20,2	8,91
52	2005/2143	<2,37	<2,18	34,4 ± 10,6	1140 ± 65	<11,7	<16,4	12,9

Table 149 Aerosol activity (gamma spectrometry) - SDS Nemčičany, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť'
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0011	<5,03	<55,8	785 ± 48	<13,4	<15,8	15,0
2	2006/0026	<6,43	60,9 ± 14,8	4300 ± 210	<16,7	<23,7	25,7
3	2006/0042	<6,63	<68,2	1560 ± 90	<16,7	<23,6	34,8
4	2006/0058	<6,49	<71,1	2200 ± 120	<17,1	<23,6	37,3
5	2006/0073	<6,48	47,8 ± 12,4	2620 ± 140	<17,3	<22,3	48,6
6	2006/0088	<5,52	35,3 ± 9,9	1610 ± 90	<15,2	<20,9	45,7
7	2006/0106	<7,05	40,7 ± 13,2	1450 ± 80	<18,3	<25,7	26,7
8	2006/0135	<5,71	<64,7	1300 ± 70	<14,7	<20,7	21,8
9	2006/0153	<6,18	<63,2	1630 ± 90	<16,1	<22,4	24,7
10	2006/0266	<4,77	18,4 ± 9,1	1930 ± 100	<12,2	<16,3	18,7
11	2006/0304	<6,46	<72,7	2010 ± 100	<16,3	<21,8	31,4
12	2006/0373	<4,89	<48,8	1780 ± 90	<12,1	<17,5	38,4
13	2006/0398	<3,56	<35,6	1310 ± 60	<8,45	<12,5	27,0
14	2006/0420	<6,28	24,3 ± 10,9	2560 ± 130	<14,4	<22,9	11,6
15	2006/0451	<4,93	<47,0	3120 ± 150	<12,3	<17,8	23,1
16	2006/0516	<6,43	<69,0	3120 ± 160	<15,9	<21,5	17,8
17	2006/0539	<5,13	<54,9	3660 ± 170	<12,4	<17,8	28,2
18	2006/0600	<3,15	28,2 ± 7,8	2640 ± 120	<7,95	<10,3	27,3
19	2006/0650	4,39 ± 1,11	28,5 ± 13,5	4880 ± 230	<16,2	<23,5	33,9
20	2006/0687	<3,80	23,6 ± 8,6	3990 ± 190	<8,29	<13,6	26,3
21	2006/0709	<4,14	25,9 ± 8,4	4320 ± 200	<11,1	<15,8	14,7
22	2006/0782	<4,97	<49,9	2890 ± 140	<12,3	<17,5	11,1
23	2006/0799	<5,87	<60,1	2530 ± 130	<15,3	<21,8	11,7
24	2006/0818	<4,16	<47,5	3910 ± 180	<10,9	<14,9	15,6
25	2006/0853	<5,57	<61,3	4910 ± 230	<11,2	<20,4	22,7
26	2006/0869	<4,49	<53,2	4460 ± 210	<11,9	<17,2	18,1

Table 150 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0936	<5,45	<58,0	4160 ± 210	5,47 ± 1,31	<17,6	10,5
28	2006/0972*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2006/0987*						
30	2006/1113*						
31	2006/1140*						
32	2006/1159*						
33	2006/1177*						
34	2006/1198*						
35	2006/1281*						
36	2006/1328*						
37	2006/1360	<3,76	19,2 ± 7,9	4680 ± 220	<9,34	<13,7	24,6
38	2006/1378	<3,83	28,6 ± 8,0	5490 ± 250	<9,61	<14,3	33,3
39	2006/1396	<3,82	33,9 ± 7,3	5740 ± 260	<9,43	<14,1	29,8
40	2006/1491	<4,91	41,5 ± 11,3	4270 ± 200	<11,8	<17,7	39,0
41	2006/1509	<2,71	19,0 ± 5,6	4200 ± 190	<6,77	<8,42	22,2
42	2006/1583	<4,34	35,9 ± 9,3	4120 ± 190	10,4 ± 4,0	<15,5	41,5
43	2006/1668	<5,25	<59,7	3690 ± 180	7,29 ± 4,39	<18,6	37,3
44	2006/1683	<3,68	25,0 ± 6,9	5300 ± 250	12,9 ± 3,7	<13,9	25,4
45	2006/1724	<4,45	34,0 ± 8,6	4310 ± 200	<10,9	<15,7	25,8
46	2006/1747	<5,63	<58,3	2320 ± 120	<10,0	<20,7	22,2
47	2006/1774	<4,08	21,5 ± 8,3	1490 ± 80	15,0 ± 4,5	<14,3	49,2
48	2006/1890	<2,96	25,7 ± 6,0	1290 ± 60	<7,05	<10,6	34,8
49	2006/1908	<3,14	<31,8	1850 ± 90	<7,98	<10,7	43,3
50	2006/1923	<5,39	<61,0	1170 ± 70	<13,4	<19,3	29,3
51	2006/1938	1,41 ± 0,67	21,8 ± 7,1	1570 ± 80	<8,86	<12,2	28,9
52	2006/1971	<3,71	35,0 ± 7,0	1840 ± 90	<8,50	<12,7	38,1

Table 151 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0012	<3,94	<39,7	1380 ± 70	<9,33	<13,8	29,0
2	2007/0025	1,35 ± 0,81	<42,3	1600 ± 80	<10,6	<15,8	18,9
3	2007/0045	<4,40	35,7 ± 9,8	2870 ± 140	<11,5	<14,2	18,5
4	2007/0084	<3,85	12,2 ± 8,1	2680 ± 130	<10,5	<14,5	21,2
5	2007/0127	<3,99	23,5 ± 7,6	1740 ± 90	<10,3	<10,2	18,7
6	2007/0161	<3,65	23,8 ± 7,2	1440 ± 70	<9,59	<13,6	17,8
7	2007/0176	<3,95	<41,9	1740 ± 90	<10,2	<14,3	20,4
8	2007/0193	<3,77	21,6 ± 7,6	1860 ± 90	<9,80	<13,1	27,1
9	2007/0209	<3,87	35,5 ± 8,1	2160 ± 100	<10,1	<13,0	36,5
10	2007/0277	<3,81	<41,2	1980 ± 100	<9,85	<14,3	18,8
11	2007/0297	<3,01	19,2 ± 6,6	2520 ± 120	<7,89	<10,3	27,0
12	2007/0332	<5,03	<60,3	2720 ± 130	<12,8	<18,5	29,9
13	2007/0414	<3,32	38,8 ± 8,7	3150 ± 150	<9,26	<11,1	33,7
14	2007/0431	<3,91	36,9 ± 8,7	4780 ± 220	<10,2	<14,1	45,1
15	2007/0456	<4,91	<55,5	3340 ± 160	<12,9	<16,1	30,4
16	2007/0487	<3,81	37,0 ± 9,4	4580 ± 210	<9,91	<14,1	46,9
17	2007/0502	1,93 ± 0,74	28,1 ± 7,4	4810 ± 220	<10,7	<13,5	38,2
18	2007/0571	<4,02	37,4 ± 10,2	4910 ± 220	<10,4	<12,5	38,3
19	2007/0586	<3,83	25,0 ± 7,4	3450 ± 160	<9,90	<12,4	27,2
20	2007/0631	<3,95	<42,6	2970 ± 140	<11,0	<14,6	22,1
21	2007/0656	<3,71	16,9 ± 7,9	3580 ± 170	<9,89	<13,1	30,5
22	2007/0734	<3,83	18,7 ± 7,4	4220 ± 200	<10,0	<13,3	30,6
23	2007/0782	<3,66	40,0 ± 7,8	2000 ± 100	<9,71	<13,7	18,7
24	2007/0798	<4,98	<50,8	6140 ± 290	<12,7	<18,4	22,9
25	2007/0831	<3,67	29,1 ± 5,7	4010 ± 190	<10,0	<12,9	24,0
26	2007/0846	1,62 ± 0,46	<50,6	3350 ± 160	<12,9	<18,8	23,0

Table 152 Aerosol activity (gamma spectrometry) - SDS Nemčičany, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0930	<5,06	<55,5	3390 ± 170	<13,4	<17,0	21,2
28	2007/0947	<5,28	<57,9	3110 ± 150	<14,3	<18,3	15,6
29	2007/1022	<4,36	15,6 ± 8,7	3490 ± 170	<11,4	<13,9	20,9
30	2007/1097	<3,96	37,4 ± 7,9	4940 ± 230	<10,3	<12,1	34,0
31	2007/1127	<3,95	12,6 ± 7,6	3230 ± 150	<10,0	<13,3	17,9
32	2007/1160	<4,95	<52,9	3350 ± 160	<13,4	<14,8	22,3
33	2007/1175	<3,85	32,8 ± 8,1	3780 ± 180	<10,6	<13,0	24,3
34	2007/1243	<3,63	41,8 ± 8,1	3930 ± 180	15,3 ± 4,8	<12,9	25,9
35	2007/1258	<4,98	<48,3	3920 ± 190	<13,4	<16,5	27,8
36	2007/1292	<5,33	<53,9	2930 ± 150	<15,2	<16,7	19,5
37	2007/1311	<4,98	<59,6	1300 ± 70	<13,7	<17,0	10,4
38	2007/1359	<4,37	21,2 ± 8,5	4160 ± 200	<11,9	<13,2	22,9
39	2007/1427	<4,54	65,0 ± 12,2	4080 ± 190	<13,1	<17,4	28,0
40	2007/1454	<3,49	39,2 ± 8,5	3100 ± 150	<9,32	<12,2	24,0
41	2007/1495	<3,96	60,9 ± 9,9	2560 ± 120	<10,4	<13,6	30,3
42	2007/1515	<5,05	49,0 ± 12,0	2690 ± 130	<13,0	<18,1	37,5
43	2007/1548	<3,83	31,6 ± 9,6	1830 ± 90	<9,95	<14,3	21,3
44	2007/1635	<6,01	41,6 ± 13,8	907 ± 57	<16,6	<21,9	26,9
45	2007/1659	<4,24	44,6 ± 10,6	1310 ± 70	<11,4	<14,7	18,8
46	2007/1734	<3,81	45,1 ± 9,6	941 ± 50	<10,3	<13,6	8,45
47	2007/1805	<3,76	51,7 ± 8,8	1070 ± 60	<9,86	<13,4	26,4
48	2007/1853	<3,73	70,0 ± 11,1	2120 ± 100	<10,3	<13,0	31
49	2007/1868	1,69 ± 0,91	40,4 ± 9,8	2230 ± 110	<10,7	<14,0	31,5
50	2007/1911	<5,53	41,1 ± 12,4	1010 ± 60	<14,5	<19,6	23,8
51	2007/1955	<5,19	<69,1	1850 ± 100	<13,9	<19,8	40,1
52	2007/1970	<5,95	53,0 ± 12,4	2870 ± 140	<15,0	<19,8	48,3

Table 153 Aerosol activity (gamma spectrometry) - SDS Nemčičany , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0010	<4,35	73,8 ± 21,3	1770 ± 160	<9,98	<15,3	40,4
2	2008/0026	<4,29	55,7 ± 24,0	2110 ± 180	<9,65	<15,5	23,9
3	2008/0041	1,28 ± 1,40	54,7 ± 19,5	2430 ± 200	<10,3	<14,4	27,9
4	2008/0056	<3,69	40,3 ± 20,6	1760 ± 150	<7,79	<13,9	21,3
5	2008/0126	<3,70	58,3 ± 19,8	1960 ± 160	<8,93	<12,9	30,8
6	2008/0141	<5,77	52,5 ± 29,9	2380 ± 220	<14,1	<12,3	30,5
7	2008/0168	<2,29	<38,5	2300 ± 200	<8,11	<10,4	33,9
8	2008/0238	<4,47	50,8 ± 25,8	2460 ± 210	<11,9	<16,3	33,9
9	2008/0305	<2,54	<40,9	4070 ± 340	<8,84	<10,4	42,3
10	2008/0334	<4,38	29,1 ± 22,1	3700 ± 290	<11,6	<15,9	22,8
11	2008/0374	<3,62	46,6 ± 18,6	3290 ± 260	<10,0	<10,4	31,4
12	2008/0403	<2,59	<47,4	3540 ± 290	<9,29	<12,3	15,2
13	2008/0419	<1,82	<27,3	2190 ± 180	<6,27	<8,17	17,9
14	2008/0505	<3,02	<44,2	6010 ± 480	<9,36	<12,2	24,8
15	2008/0524	<2,13	<38,4	2850 ± 240	<8,07	<10,5	26,6
16	2008/0541	<3,90	71,1 ± 22,8	3390 ± 270	<10,7	<15,0	30,3
17	2008/0612	<2,46	<46,2	2390 ± 210	<8,33	<11,0	18,7
18	2008/0630	1,36 ± 0,99	54,6 ± 15,7	6550 ± 500	<6,02	<7,14	31,5
19	2008/0649	<2,11	<38,3	3480 ± 280	<7,72	<10,2	24,5
20	2008/0672	<3,16	<51,2	6310 ± 490	<11,6	<13,4	48,5
21	2008/0706	<2,89	74,6 ± 17,9	2960 ± 230	16,5 ± 7,6	<10,2	21,2
22	2008/0784	<3,01	49,7 ± 17,5	2090 ± 170	<7,95	<10,6	20,3
23	2008/0807	<1,87	43,4 ± 14,6	6300 ± 490	<6,23	<7,71	29,9
24	2008/0852	<4,03	<52,4	3960 ± 320	<10,4	<14,8	15,7
25	2008/0869	<2,64	58,6 ± 21,4	2840 ± 230	<8,98	<12,4	13,0
26	2008/0965	<1,75	53,7 ± 14,6	3990 ± 310	<6,28	<7,96	16,0

Table 154 Aerosol activity (gamma spectrometry) - SDS Nemčičany, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčičany - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0987	<2,09	<40,3	4050 ± 330	<7,30	<9,61	16,2
28	2008/1069	<2,85	<46,1	4190 ± 340	<9,33	<12,2	14,5
29	2008/1093	<2,27	<39,1	2960 ± 250	<7,47	<10,5	23,4
30	2008/1108	<2,88	51,7 ± 16,8	3200 ± 250	<7,64	<10,1	26,8
31	2008/1176	<1,89	<28,5	3710 ± 290	<6,44	<7,59	19,1
32	2008/1191	<2,88	41,9 ± 14,4	4260 ± 330	10,4 ± 7,2	<9,82	25,1
33	2008/1218	<1,73	38,0 ± 12,1	3740 ± 290	<5,90	<7,64	21,3
34	2008/1243	<2,99	48,6 ± 16,4	3590 ± 280	7,72 ± 6,37	<9,88	17,9
35	2008/1289	<1,68	48,9 ± 14,5	2820 ± 220	<5,57	<7,04	20,0
36	2008/1366	<2,95	<48,0	3850 ± 320	<9,52	<12,5	25,4
37	2008/1404	<1,80	60,1 ± 16,3	5320 ± 410	<6,39	<8,52	41,5
38	2008/1419	<2,52	74,4 ± 24,7	2500 ± 210	<8,97	<11,5	37,4
39	2008/1506	<2,59	<38,5	1240 ± 120	<8,45	<11,5	26,1
40	2008/1523	<2,27	<31,3	3430 ± 400	<7,72	<10,0	26,2
41	2008/1559	<2,06	39,5 ± 14,7	2510 ± 210	11,7 ± 6,8	<9,30	18,9
42	2008/1579	<1,61	43,2 ± 15,2	1550 ± 140	<8,42	<11,6	28,8
43	2008/1601	<2,62	27,9 ± 13,9	2690 ± 210	14,2 ± 6,0	<9,63	29,6
44	2008/1649	<2,83	<31,0	2730 ± 220	<6,86	<9,83	31,3
45	2008/1722	<2,61	21,7 ± 12,1	3120 ± 240	18,1 ± 6,5	<7,99	21,8
46	2008/1747	1,21 ± 0,95	32,0 ± 14,1	3990 ± 320	13,5 ± 5,7	<9,79	35,7
47	2008/1762	<3,75	<28,3	2490 ± 200	<7,40	<10,9	33,1
48	2008/1839	<2,73	<30,0	1790 ± 150	<7,20	<10,4	20,4
49	2008/1879	<2,73	20,4 ± 12,3	1900 ± 160	<6,96	<9,90	17,9
50	2008/1899	<2,62	<35,0	1360 ± 170	<8,81	<11,6	17,9
51	2008/1944	<3,26	32,2 ± 15,4	2790 ± 230	<7,88	<11,9	14,5
52	2008/2061	<3,33	88,8 ± 27,2	1710 ± 210	<9,80	<14,7	11,9

Table 155 Aerosol activity (gamma spectrometry) - SDS Nemčičany , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0011	<2,08	<2,05	23,4 ± 10,4	2110 ± 107	<9,80	<14,8	19,4
2	2005/0026	<2,38	<2,25	<19,9	1640 ± 90	<10,1	<14,6	22,6
3	2005/0047	<1,91	<2,06	<19,2	2080 ± 105	<8,83	<13,1	24,8
4	2005/0061	<1,79	<1,87	<18,2	1190 ± 59	<10,3	<14,4	16,9
5	2005/0131	<2,72	<2,56	<25,8	1660 ± 93	<11,9	<18,0	26,8
6	2005/0162	<2,83	<2,92	<28,8	5120 ± 248	<13,9	<20,0	47,8
7	2005/0196	<2,87	<2,53	<29,4	996 ± 58	<13,1	<19,1	48,4
8	2005/0261	<2,70	<2,56	<24,3	1360 ± 76	<13,5	<19,2	26,0
9	2005/0276	<2,56	<2,51	40,0 ± 11,3	1860 ± 96	<13,0	<19,4	30,3
10	2005/0311	<2,22	<2,14	34,4 ± 11,4	2860 ± 140	<11,2	<16,3	33,8
11	2005/0338	<2,50	<2,56	<26,0	2840 ± 146	<12,0	<17,3	26,7
12	2005/0355	<2,75	<2,61	<26,1	4730 ± 226	<13,5	<19,3	31,5
13	2005/0383	<2,43	<2,32	<24,9	4480 ± 216	<14,6	<17,9	50,1
14	2005/0402	<2,80	<2,58	53,2 ± 14,6	6420 ± 301	<13,5	<19,8	52,5
15	2005/0434	<2,26	<2,25	40,7 ± 9,8	5840 ± 271	10,8 ± 4,1	<16,0	47,7
16	2005/0495	<2,25	<2,19	98,3 ± 10,9	3930 ± 188	<11,3	<17,1	34,8
17	2005/0561	<2,98	<2,73	<26,7	4260 ± 208	<13,1	<20,4	25,8
18	2005/0644	<3,16	<2,91	<30,2	5300 ± 256	<14,1	<21,6	35,6
19	2005/0671	<2,21	<2,28	29,4 ± 11,3	3440 ± 166	<9,96	<16,1	18,9
20	2005/0704	<2,55	<2,28	<22,0	3170 ± 159	<12,9	<20,1	21,8
21	2005/0758	<2,33	<2,51	<28,3	4700 ± 229	15,9 ± 6,3	<20,5	24,8
22	2005/0825	<2,36	<2,21	<23,9	5240 ± 247	21,0 ± 5,1	<17,2	28,8
23	2005/0864	<2,42	<2,23	<23,4	3950 ± 190	<11,1	<17,1	18,9
24	2005/0884	<2,34	<2,20	<25,4	4840 ± 230	<11,0	<16,0	20,8
25	2005/0916	<2,50	<2,28	<27,2	5060 ± 247	<13,7	<19,4	24,8
26	2005/01013	<2,51	<2,19	<25,2	5540 ± 266	<12,9	<19,2	26,7

Table 156 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1033	<2,21	<2,07	<24,5	3150 ± 156	<11,0	<15,4	18,0
28	2005/1064	<2,38	<2,19	<22,5	4050 ± 200	<11,6	<16,3	22,8
29	2005/1082	<2,50	<2,31	<22,5	6120 ± 296	<12,9	<18,6	24,8
30	2005/1098	<2,51	<2,20	<22,4	2370 ± 120	<11,6	<17,2	24,0
31	2005/1170	<2,07	<1,99	14,8 ± 7,5	2490 ± 119	<10,0	<13,0	39,5
32	2005/1201	<2,36	<2,36	<25,5	2360 ± 120	<11,8	<16,3	13,9
33	2005/1249	<1,97	<1,84	<21,0	1940 ± 98	<9,95	<14,0	14,8
34	2005/1375	<2,19	<2,06	32,8 ± 9,1	3660 ± 171	<9,65	<13,4	18,5
35	2005/1390	<2,11	<2,12	39,7 ± 10,1	5470 ± 257	<11,5	<14,4	19,6
36	2005/1428	<2,27	<2,06	36,5 ± 11,3	4670 ± 228	<10,8	<15,3	26,9
37	2005/1449	<2,37	<2,16	35,9 ± 11,7	4710 ± 225	<10,3	<14,7	30,0
38	2005/1464	<2,19	<2,26	<25,3	2920 ± 153	<11,8	<16,9	11,3
39	2005/1527	<2,47	<2,14	55,9 ± 11,9	4610 ± 221	<11,7	<17,2	21,9
40	2005/1555	<2,58	<2,46	<25,5	3150 ± 163	<12,5	<18,6	17,8
41	2005/1599	<2,17	<2,29	28,5 ± 12,5	4880 ± 230	<11,6	<16,6	32,7
42	2005/1618	<2,12	<2,10	<22,0	2080 ± 102	<9,50	<14,1	20,9
43	2005/1639	<2,36	<2,26	<21,8	2350 ± 128	<12,4	<17,7	23,7
44	2005/1731	<2,30	<2,28	<24,5	3230 ± 158	<12,4	<17,3	33,9
45	2005/1785	<2,42	<2,40	<25,2	1650 ± 94	<12,6	<18,3	54,4
46	2005/1891	<2,54	<2,57	<25,3	1080 ± 63	<12,6	<19,0	45,1
47	2005/1906	<2,48	<2,38	<25,6	1350 ± 76	<11,5	<18,5	21,8
48	2005/1999	<2,13	<2,02	<22,1	714 ± 41	<9,92	<15,3	22,8
49	2005/2037	<1,80	<1,67	26,5 ± 6,7	676 ± 38	<7,27	<11,0	19,9
50	2005/2063	<2,35	<2,23	49,7 ± 11,2	2780 ± 138	<11,5	<17,0	34,8
51	2005/2129	<2,51	<2,39	28,9 ± 8,8	1940 ± 100	<12,2	<17,6	15,9
52	2005/2144	<2,40	<2,12	<24,3	1480 ± 83	<11,1	<17,1	21,6

Table 157 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0012	<5,08	<52,5	406 ± 31	<13,3	<16,7	20,8
2	2006/0027	1,77 ± 0,75	<45,4	5630 ± 260	<13,7	<15,6	30,4
3	2006/0043	<7,11	<73,3	2350 ± 130	<18,7	<24,7	45,6
4	2006/0059	<6,57	27,2 ± 11,4	3170 ± 160	<16,5	<22,4	40,8
5	2006/0074	<6,16	54,1 ± 14,8	3430 ± 170	<17,7	<23,8	54,3
6	2006/0089	<5,69	31,7 ± 13,1	1890 ± 100	<15,6	<21,0	55,0
7	2006/0107	<5,47	<59,5	1430 ± 80	<14,9	<18,6	34,7
8	2006/0136	<5,74	<60,2	1530 ± 80	<14,5	<21,0	30,8
9	2006/0154	<4,87	16,0 ± 10,3	2040 ± 100	<12,4	<16,8	29,0
10	2006/0267	<5,84	<67,2	3020 ± 150	<16,1	<23,1	24,7
11	2006/0305	<4,94	<53,5	2580 ± 130	<11,7	<17,4	33,2
12	2006/0374	<4,92	<51,5	1960 ± 100	<11,1	<17,8	42,4
13	2006/0399	<4,82	<49,6	1570 ± 80	<11,9	<17,1	36,8
14	2006/0421	<4,45	<48,1	3090 ± 150	11,5 ± 5,3	<16,1	12,7
15	2006/0452	<4,96	<51,9	4550 ± 220	<12,6	<17,2	31,6
16	2006/0517	<3,20	19,2 ± 6,0	4060 ± 190	<8,20	<10,3	22,1
17	2006/0540	<5,75	<66,4	4900 ± 240	8,67 ± 5,93	<21,8	34,8
18	2006/0601	<4,74	<52,6	3670 ± 170	<12,1	<18,4	32,4
19	2006/0651	<4,95	<47,8	4230 ± 200	<12,2	<18,4	26,6
20	2006/0688	<3,76	37,0 ± 10,1	5830 ± 270	8,96 ± 4,34	<13,7	39,2
21	2006/0719	<6,29	<66,1	5230 ± 250	<15,6	<22,6	21,3
22	2006/0783	1,75 ± 0,88	<55,1	3830 ± 180	<12,9	<17,6	11,2
23	2006/0800	<3,55	<38,8	2890 ± 140	<9,76	<12,5	13,5
24	2006/0819	<5,14	<59,5	4690 ± 220	<13,8	<19,7	17,0
25	2006/0854	<4,42	<49,4	6720 ± 310	15,3 ± 5,2	<13,4	27,0
26	2006/0870	<4,87	<53,6	5550 ± 260	<12,6	<17,8	24,8

Table 158 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0937	<5,45	<62,5	5530 ± 260	<11,2	<20,0	14,9
28	2006/0973	<4,35	<53,6	7960 ± 370	21,4 ± 5,1	<15,4	23,9
29	2006/0988	<4,03	14,4 ± 8,0	6470 ± 300	<10,4	<14,5	20,9
30	2006/1114	<3,93	36,1 ± 8,3	6460 ± 300	<9,48	<12,5	30,5
31	2006/1141	<4,84	22,3 ± 8,2	6580 ± 310	<12,0	<17,4	27,2
32	2006/1160	<4,14	21,6 ± 8,4	2280 ± 110	<9,89	<15,0	11,1
33	2006/1178	<5,03	<52,2	3220 ± 150	<12,2	<17,7	13,6
34	2006/1199	<5,02	<50,4	4720 ± 220	<12,7	<17,5	17,0
35	2006/1282	<3,79	<38,8	2970 ± 140	<8,91	<13,5	12,7
36	2006/1329	<3,18	14,9 ± 5,6	2930 ± 140	<7,42	<9,97	11,1
37	2006/1361	<3,42	<39,3	3620 ± 170	<8,44	<13,1	19,4
38	2006/1379	1,68 ± 0,61	32,9 ± 7,0	4940 ± 230	<7,01	<10,6	26,6
39	2006/1397	<3,85	37,4 ± 9,3	4760 ± 220	<9,08	<12,1	21,3
40	2006/1492	<5,66	<57,9	4570 ± 220	<14,3	<21,7	29,6
41	2006/1510	<3,65	46,0 ± 8,7	3100 ± 150	<9,18	<13,8	11,9
42	2006/1584	<5,28	<58,1	4290 ± 210	<12,9	<20,2	31,2
43	2006/1669	<3,00	33,8 ± 6,8	2730 ± 130	16,4 ± 3,5	<11,3	34,8
44	2006/1684	<4,10	<42,5	5100 ± 240	11,6 ± 3,8	<14,8	17,8
45	2006/1725	1,96 ± 0,69	<46,8	4050 ± 190	<10,7	<15,8	16,8
46	2006/1748	<3,63	<38,2	2350 ± 110	<8,10	<12,3	18,9
47	2006/1775	<2,91	<33,2	1210 ± 60	<7,72	<10,0	45,9
48	2006/1891	<3,70	27,0 ± 7,5	1020 ± 50	12,3 ± 3,5	<13,7	28,8
49	2006/1909	<3,71	23,7 ± 6,9	1630 ± 80	<9,27	<12,6	36,7
50	2006/1924	<5,16	<57,2	969 ± 55	<12,4	<18,4	24,5
51	2006/1939	1,20 ± 0,68	<37,2	1560 ± 80	<9,02	<13,4	23,0
52	2006/1972	1,01 ± 0,53	25,4 ± 6,1	1750 ± 80	<8,29	<11,2	30,5

Table 159 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0013	<5,30	<64,9	1140 ± 70	<13,4	<20,5	24,7
2	2007/0026	<4,49	<51,4	1300 ± 70	<11,8	<16,1	14,8
3	2007/0046	<4,27	<44,6	2180 ± 110	<11,0	<15,2	14,5
4	2007/0085	<5,62	<70,6	2400 ± 130	<14,5	<20,6	17,8
5	2007/0128	<3,14	<33,0	1450 ± 70	<8,43	<11,5	13,6
6	2007/0162	<3,71	<37,9	1280 ± 60	<9,53	<12,6	12,8
7	2007/0177	<3,74	22,6 ± 8,1	1500 ± 70	<10,0	<14,3	16,2
8	2007/0194	<3,80	<41,6	1460 ± 70	<9,75	<14,0	20,3
9	2007/0210	<3,73	29,4 ± 7,6	2100 ± 100	<10,1	<14,5	27,4
10	2007/0278	<4,94	<52,4	1660 ± 80	<11,8	<16,8	14,5
11	2007/0298	<5,79	<63,2	2240 ± 120	<14,7	<21,1	22,9
12	2007/0333	<4,60	<17,1 ± 9,7	2390 ± 120	<11,8	<16,6	22,2
13	2007/0415	<5,22	<57,9	2760 ± 140	<13,2	<19,7	28,1
14	2007/0432	<3,80	<41,9	4070 ± 190	<10,1	<13,4	35,0
15	2007/0457	<4,06	35,4 ± 9,7	3070 ± 150	21,1 ± 4,9	<12,8	24,5
16	2007/0488	<3,19	23,1 ± 6,4	4110 ± 190	<8,39	<11,1	34,2
17	2007/0503	<3,89	19,5 ± 8,0	4140 ± 190	<10,9	<14,5	26,5
18	2007/0572	<3,91	19,9 ± 8,3	4090 ± 190	<10,0	<14,2	36,5
19	2007/0587	<3,25	15,5 ± 7,0	2750 ± 130	<9,06	<11,2	22,3
20	2007/0632	<3,94	<43,3	2540 ± 120	<10,3	<13,9	17,9
21	2007/0657	<3,35	29,2 ± 7,8	2900 ± 140	<8,64	<11,1	28,0
22	2007/0735	<4,02	<42,8	3790 ± 180	<10,4	<12,9	30,0
23	2007/0783	<3,65	25,6 ± 8,0	1700 ± 80	<9,78	<13,1	13,6
24	2007/0799	<3,84	35,8 ± 7,6	4920 ± 230	<9,82	<13,9	17,0
25	2007/0832	<3,72	14,3 ± 7,6	3570 ± 170	<9,88	<12,8	16,2
26	2007/0847	<4,28	<44,7	2830 ± 140	<10,8	<13,9	16,0

Table 160 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0931	<3,87	<41,7	2800 ± 140	<10,8	<13,7	17,3
28	2007/0948	<4,61	<51,8	2640 ± 130	<12,8	<16,6	11,2
29	2007/1023	<4,13	23,6 ± 9,0	2860 ± 140	13,8 ± 5,7	<13,5	14,0
30	2007/1098	<3,53	18,9 ± 7,3	4240 ± 200	<8,53	<12,0	25,4
31	2007/1128	<3,46	21,7 ± 7,4	2820 ± 130	<8,56	<11,9	14,5
32	2007/1161	<3,41	<40,0	2690 ± 130	<8,30	<11,8	14,5
33	2007/1176	<4,24	<49,0	3160 ± 150	<11,3	<16,0	18,7
34	2007/1244	<4,40	44,4 ± 9,0	3150 ± 150	<11,6	<13,5	21,9
35	2007/1259	<4,88	<56,1	3460 ± 170	<13,4	<16,3	21,8
36	2007/1293	<3,31	19,2 ± 6,3	2640 ± 130	<9,40	<10,9	15,8
37	2007/1312	<4,46	<44,6	1050 ± 60	<11,3	<14,8	17,0
38	2007/1360	<3,71	26,4 ± 7,7	3420 ± 160	<10,1	<12,2	16,9
39	2007/1428	<3,52	48,0 ± 9,2	3200 ± 150	<10,2	<13,8	18,7
40	2007/1455	<4,00	42,0 ± 9,4	2550 ± 120	<10,6	<13,8	22,2
41	2007/1496	<3,82	56,1 ± 9,7	2410 ± 120	<10,3	<13,7	22,1
42	2007/1516	<4,81	<61,6	2390 ± 120	<12,0	<15,5	32,4
43	2007/1549	<5,93	52,1 ± 11,7	1730 ± 90	<15,4	<20,8	19,5
44	2007/1636	<3,87	<46,1	917 ± 50	<9,12	<13,3	22,8
45	2007/1660	<5,04	51,9 ± 13,0	1230 ± 70	<13,4	<17,7	14,5
46	2007/1735	<3,39	26,1 ± 8,8	826 ± 45	<8,79	<12,4	6,80
47	2007/1806	<3,87	35,1 ± 9,4	964 ± 53	<10,3	<13,4	22,2
48	2007/1854	<4,41	50,7 ± 12,5	1870 ± 90	<12,0	<15,1	27,8
49	2007/1869	<5,64	62,4 ± 12,8	1820 ± 100	<15,1	<20,8	23,9
50	2007/1912	<4,42	<47,9	838 ± 48	<11,9	<15,7	19,3
51	2007/1956	<4,35	42,6 ± 11,3	1540 ± 80	<10,9	<15,4	28,3
52	2007/1971	<4,33	<54,8	2510 ± 120	<12,0	<15,3	41,1

Table 161 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0011	<4,40	68,2 ± 25,4	1510 ± 130	<9,02	<14,9	32,5
2	2008/0027	<3,63	60,6 ± 21,1	1850 ± 160	<9,52	<13,0	21,9
3	2008/0042	<2,95	43,2 ± 17,5	2080 ± 170	<7,71	<10,4	23,0
4	2008/0057	<2,10	<31,1	2070 ± 180	<6,92	<9,02	18,7
5	2008/0127	<1,95	<33,2	2120 ± 180	<7,35	<8,76	18,7
6	2008/0142	<1,57	45,4 ± 14,4	2440 ± 200	<5,85	<7,26	25,5
7	2008/0169	<1,86	41,2 ± 16,2	1860 ± 150	<6,29	<8,41	23,8
8	2008/0239	<1,67	52,9 ± 15,7	2630 ± 210	<6,91	<7,87	26,0
9	2008/0306	<2,44	<38,1	3470 ± 290	<8,32	<10,2	30,4
10	2008/0335	<2,15	63,3 ± 19,6	4000 ± 320	<7,85	<9,71	17,9
11	2008/0375	<2,34	<37,9	3560 ± 290	<8,77	<10,4	25,5
12	2008/0404	<1,57	<26,7	3020 ± 240	<5,84	<7,29	10,2
13	2008/0420	<2,82	<39,4	1870 ± 160	<9,00	<11,8	11,8
14	2008/0506	<1,78	<29,1	4910 ± 380	<6,05	<7,63	18,9
15	2008/0525	<1,74	30,6 ± 13,2	2540 ± 200	<6,17	<7,79	19,7
16	2008/0542	<4,12	46,0 ± 23,1	2880 ± 230	<11,2	<14,9	23,7
17	2008/0613	<3,34	42,5 ± 17,3	2180 ± 180	<9,24	<12,2	16,4
18	2008/0631	<3,78	43,0 ± 22,1	4890 ± 380	<10,7	<13,6	26,3
19	2008/0650	<3,58	43,8 ± 19,2	2670 ± 210	<9,37	<13,1	23,0
20	2008/0673	<2,28	<37,5	4150 ± 330	<7,86	<10,1	28,9
21	2008/0707	<1,78	44,0 ± 14,9	3560 ± 280	<6,47	<8,31	21,3
22	2008/0785	<2,62	57,7 ± 15,2	1960 ± 160	<6,97	<8,81	29,8
23	2008/0808	<1,75	<29,3	6070 ± 470	<5,67	<7,95	31,5
24	2008/0853	<2,32	<43,1	4340 ± 360	<8,16	<11,8	17,9
25	2008/0870	<2,60	<42,9	2930 ± 240	<8,88	<12,0	14,0
26	2008/0966	<2,87	49,3 ± 17,4	3630 ± 280	<7,47	<10,5	14,4

Table 162 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0988	<1,98	<37,4	4060 ± 330	<7,52	<9,36	15,4
28	2008/1070	<2,34	<33,9	4390 ± 350	<7,07	<10,2	16,2
29	2008/1094	<2,30	<35,0	3310 ± 270	<7,44	<10,2	20,5
30	2008/1109	<2,87	47,2 ± 16,6	3230 ± 250	<7,43	<10,0	16,9
31	2008/1177	<2,21	<35,8	3900 ± 310	<7,07	<9,49	16,3
32	2008/1192	<2,85	38,8 ± 17,1	4400 ± 340	<7,47	<10,5	20,3
33	2008/1219	<2,22	<37,5	4050 ± 330	<7,31	<9,61	18,7
34	2008/1244	<2,90	55,2 ± 16,4	3580 ± 280	12,3 ± 7,4	<9,69	17,9
35	2008/1290	<2,31	<36,7	3160 ± 260	<7,69	<10,2	17,0
36	2008/1367	<2,32	<39,3	3200 ± 260	9,24 ± 7,85	<10,2	20,4
37	2008/1405	<2,24	83,4 ± 20,4	5130 ± 400	<7,34	<9,58	42,8
38	2008/1420	<2,62	<43,1	2790 ± 240	<8,42	<11,3	17,1
39	2008/1507	<2,56	<35,8	1180 ± 110	<8,56	<11,4	13,4
40	2008/1524	<2,47	<31,4	3560 ± 290	16,6 ± 6,6	<10,1	17,8
41	2008/1560	2,35 ± 1,95	<33,1	2140 ± 180	<8,88	<11,3	11,9
42	2008/1580	<1,58	32,5 ± 17,0	1710 ± 140	<8,12	<11,3	24,8
43	2008/1602	<2,59	35,9 ± 13,3	2590 ± 200	13,2 ± 5,8	<7,00	26,7
44	2008/1650	<2,39	<27,6	2540 ± 200	<5,90	<8,88	29,9
45	2008/1723	<2,27	<33,0	3190 ± 260	<8,90	<12,3	24,7
46	2008/1748	<2,58	31,9 ± 13,6	3330 ± 260	11,2 ± 4,9	<9,66	34,4
47	2008/1763	1,35 ± 1,62	<28,7	2840 ± 230	<7,68	<10,2	27,1
48	2008/1840	<2,89	<31,3	1670 ± 140	<8,71	<10,0	10,9
49	2008/1880	<2,58	45,4 ± 13,9	2080 ± 170	18,2 ± 6,6	<8,97	15,9
50	2008/1900	<2,53	53,2 ± 21,7	1370 ± 180	<8,09	<11,2	15,3
51	2008/1945	<3,09	<34,9	2410 ± 200	<7,42	<11,2	13,6
52	2008/2062	<2,74	85,7 ± 24,7	1410 ± 170	<9,38	<12,1	9,90

Table 163 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0012	<2,15	<2,06	80,6 ± 15,5	2030 ± 104	<9,77	<14,2	22,2
2	2005/0027	<2,42	<2,15	<21,3	1360 ± 79	<10,6	<15,7	26,1
3	2005/0048	<2,54	<2,46	39,9 ± 10,9	2020 ± 110	<11,9	<17,6	29,7
4	2005/0063	<2,42	<2,26	<24,2	1590 ± 84	<9,03	<13,4	17,8
5	2005/0132	<2,32	1,37 ± 0,86	34,7 ± 10,3	1480 ± 76	<11,5	<15,6	29,6
6	2005/0163	<3,22	<3,21	<37,5	4240 ± 212	<17,0	<23,8	59,3
7	2005/0197	<2,60	<2,43	<28,1	923 ± 54	<11,3	<17,4	55,3
8	2005/0262	<2,48	<2,63	<27,7	1150 ± 68	<13,8	<19,0	28,6
9	2005/0277	<2,20	<2,06	30,1 ± 9,7	1780 ± 89	<10,5	<14,9	34,9
10	2005/0312	<1,92	<1,77	27,6 ± 8,5	3050 ± 145	<11,2	<15,8	31,8
11	2005/0339	<2,58	<2,50	<27,1	3020 ± 154	<11,6	<17,4	31,7
12	2005/0356	<2,71	<2,63	<28,5	5000 ± 238	<13,8	<20,1	33,8
13	2005/0384	<2,68	<2,67	<25,9	4180 ± 205	<12,8	<18,6	51,3
14	2005/0403	<2,42	<2,30	39,2 ± 13,8	5980 ± 280	14,3 ± 5,2	<16,5	49,7
15	2005/0435	<2,16	<2,25	36,4 ± 9,5	5670 ± 263	<11,3	<15,0	43,7
16	2005/0496	<2,30	<2,15	<25,1	3610 ± 174	<10,8	<16,8	36,7
17	2005/0562	<2,85	<2,90	<29,1	4680 ± 228	<14,1	<21,9	27,7
18	2005/0645	<3,17	<2,94	<29,4	5180 ± 252	<14,3	<22,0	29,7
19	2005/0672	<2,28	<2,32	<23,2	3380 ± 163	<10,5	<15,3	17,9
20	2005/0705	<2,40	<2,29	<22,0	3180 ± 160	<11,1	<19,2	19,8
21	2005/0759	<2,56	<2,36	<27,0	5120 ± 247	17,4 ± 6,1	<19,9	24,8
22	2005/0826	<2,30	<2,26	38,7 ± 11,6	5440 ± 255	<11,8	<16,4	35,7
23	2005/0865	<2,74	<2,24	<25,9	6340 ± 312	15,0 ± 6,0	<20,0	23,8
24	2005/0885	<2,50	<2,16	<23,7	4830 ± 230	<11,0	<16,6	21,8
25	2005/0917	<2,30	<2,10	30,7 ± 8,4	5250 ± 244	<10,2	<14,3	25,8
26	2005/1014	<2,36	<2,35	<25,0	5670 ± 274	<13,7	<18,9	29,7

Table 164 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1034	<2,49	<2,18	<24,1	3320 ± 163	<11,2	<16,8	20,0
28	2005/1065	<2,61	<2,27	<24,6	4220 ± 210	<13,3	<16,9	28,7
29	2005/1083	<2,34	<2,16	<21,3	6270 ± 298	<11,5	<16,8	28,7
30	2005/1099	<2,38	<2,26	<26,0	3930 ± 187	<11,1	<15,9	31,0
31	2005/1171	<2,19	<2,10	26,9 ± 10,7	4920 ± 235	<12,0	<16,6	40,5
32	2005/1202	<2,45	<2,40	<22,3	2290 ± 124	<11,9	<18,9	11,9
33	2005/1250	<2,05	<2,11	<22,7	3480 ± 174	<11,2	<15,9	17,4
34	2005/1376	<2,35	<2,33	<22,3	3750 ± 183	<12,4	<17,5	18,5
35	2005/1391	<2,05	1,30 ± 0,73	26,9 ± 9,5	5400 ± 253	<11,0	<15,5	20,8
36	2005/1429	<2,18	<2,09	<26,2	4890 ± 238	<11,8	<16,8	26,9
37	2005/1450	<2,40	<2,13	<25,0	3610 ± 176	<11,0	<15,8	34,6
38	2005/1465	<2,19	<2,25	<23,8	3080 ± 158	<11,3	<16,3	13,1
39	2005/1528	<2,24	<2,11	53,7 ± 11,6	4030 ± 195	<11,2	<17,1	25,4
40	2005/1556	<2,41	<2,37	<25,2	2960 ± 154	<12,4	<18,2	21,8
41	2005/1600	<2,52	<2,45	<25,9	4310 ± 211	<13,2	<20,4	34,7
42	2005/1619	<1,96	<1,92	<20,8	2390 ± 114	<8,54	<11,3	25,8
43	2005/1640	<2,12	<2,19	<24,0	2510 ± 122	<10,7	<15,2	25,6
44	2005/1732	<2,38	2,66 ± 0,99	58,9 ± 11,9	3410 ± 161	<11,8	<16,2	30,5
45	2005/1786	<2,32	<2,37	<28,7	1740 ± 98	<13,0	<19,7	56,4
46	2005/1892	<2,22	<2,25	<23,9	1500 ± 77	<11,0	<18,0	52,0
47	2005/1907	<2,49	<2,43	<25,7	1510 ± 79	<12,6	<19,6	26,2
48	2005/2000	<1,83	<1,82	33,9 ± 7,3	1740 ± 85	<8,53	<13,5	23,3
49	2005/2038	<2,12	<2,06	<22,2	1490 ± 76	<9,59	<14,0	26,8
50	2005/2064	<2,30	<2,08	37,5 ± 11,1	2370 ± 118	<10,3	<16,0	35,8
51	2005/2130	<2,51	<2,49	<23,0	1830 ± 95	<11,3	<17,9	15,9
52	2005/2145	<2,40	<2,36	<28,2	1440 ± 82	<11,7	<16,2	21,6

Table 165 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0013	<5,43	<56,5	973 ± 58	11,7 ± 6,3	<17,7	22,0
2	2006/0028	<7,20	50,0 ± 14,5	5750 ± 280	<18,3	<25,3	32,7
3	2006/0044	<7,11	33,4 ± 14,7	1780 ± 110	<20,7	<24,5	47,6
4	2006/0060	<3,44	<39,6	2920 ± 140	<8,22	<12,1	49,5
5	2006/0075	<4,45	<51,3	2920 ± 140	<11,0	<16,6	61,2
6	2006/0090	<4,82	25,3 ± 7,8	1580 ± 80	<12,2	<16,8	59,6
7	2006/0108	<5,65	<61,2	1280 ± 70	<14,5	<19,9	36,7
8	2006/0137	<4,41	27,2 ± 8,2	1610 ± 80	<13,0	<16,1	33,7
9	2006/0155	<6,51	35,9 ± 12,4	1910 ± 100	<17,6	<23,6	32,3
10	2006/0268	<5,06	39,5 ± 8,6	2920 ± 140	<12,8	<17,5	28,1
11	2006/0306	<6,47	<73,5	2440 ± 130	<15,9	<23,2	39,2
12	2006/0375	<5,87	<72,5	1650 ± 90	<15,9	<22,1	49,2
13	2006/0400	<4,91	<54,8	1580 ± 80	<11,9	<15,5	40,2
14	2006/0422	<5,09	41,5 ± 12,5	3200 ± 160	<15,0	<21,5	16,1
15	2006/0453	<4,71	<51,0	4380 ± 210	<12,9	<17,7	35,0
16	2006/0518	<6,47	44,4 ± 14,9	4370 ± 210	<11,0	<22,2	25,5
17	2006/0541	<3,20	18,8 ± 6,6	4750 ± 220	<7,76	<12,5	36,5
18	2006/0602	<5,97	<71,0	3790 ± 190	<15,7	<22,2	28,9
19	2006/0652	<5,09	29,4 ± 9,8	6770 ± 310	<12,2	<16,7	39,9
20	2006/0689	<3,73	26,1 ± 6,9	5730 ± 260	11,7 ± 4,5	<14,0	36,6
21	2006/0718	<5,85	<62,2	5460 ± 260	<15,6	<22,1	20,9
22	2006/0784	<4,08	<43,7	3910 ± 180	17,7 ± 4,6	<12,5	14,0
23	2006/0801	<3,80	18,1 ± 7,4	3180 ± 150	<9,63	<13,3	13,5
24	2006/0820	<5,65	<57,5	4670 ± 220	<13,6	<19,2	19,3
25	2006/0855	<4,19	20,3 ± 8,9	6590 ± 300	11,6 ± 5,1	<15,0	28,9
26	2006/0871	<4,91	<53,8	5650 ± 260	<12,6	<17,4	26,5

Table 166 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0938	<3,32	20,8 ± 5,6	5650 ± 260	<6,91	<11,9	16,3
28	2006/0974	<4,37	<46,9	8040 ± 370	<11,7	<15,1	25,9
29	2006/0989	<3,91	<39,4	6240 ± 290	<9,58	<12,7	22,3
30	2006/1115	<3,20	28,3 ± 6,9	6950 ± 320	17,3 ± 3,7	<10,8	36,4
31	2006/1142	<3,10	20,6 ± 6,1	6370 ± 300	11,8 ± 3,3	<10,3	29,7
32	2006/1161	<3,65	<41,3	2450 ± 120	<8,80	<13,9	11,9
33	2006/1179	<4,55	<47,9	3200 ± 150	<11,1	<15,4	16,1
34	2006/1200	<5,84	<62,4	4870 ± 230	<10,9	<21,8	22,1
35	2006/1283	<4,57	<47,6	3210 ± 150	<10,8	<16,3	14,4
36	2006/1330	<3,88	<40,4	3070 ± 140	<8,88	<14,1	15,4
37	2006/1362	<4,73	<49,6	3820 ± 180	<11,7	<17,2	21,0
38	2006/1380	<3,79	24,9 ± 8,7	4990 ± 230	<9,47	<13,7	32,6
39	2006/1398	<5,13	<53,1	4780 ± 220	<12,0	<17,1	25,5
40	2006/1493	<5,75	<59,9	4160 ± 200	<14,3	<21,9	38,9
41	2006/1511	<4,95	<52,0	3450 ± 170	<11,9	<17,5	17,9
42	2006/1585	<5,05	46,1 ± 11,1	4190 ± 200	11,1 ± 4,6	<15,9	33,7
43	2006/1670	<4,32	34,1 ± 9,1	2960 ± 140	<8,90	<14,0	35,9
44	2006/1685	<3,22	<38,9	4990 ± 230	12,7 ± 3,5	<12,3	21,1
45	2006/1726*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
46	2006/1749	<6,67	<68,4	2860 ± 140	44,3 ± 8,4	<23,8	34,1
47	2006/1776	<5,38	<56,3	1070 ± 60	29,1 ± 6,7	<19,0	48,3
48	2006/1892	<3,00	23,1 ± 6,9	1350 ± 70	<7,54	<11,2	32,2
49	2006/1910	<3,66	<39,8	1850 ± 90	7,01 ± 3,38	<12,3	39,3
50	2006/1925	<4,94	<53,7	1000 ± 60	<11,7	<18,2	26,2
51	2006/1940	<5,09	<51,9	1370 ± 70	<11,7	<17,4	26,3
52	2006/1973	<3,70	<41,6	1510 ± 80	<8,57	<13,2	30,5

Table 167 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0014	<5,66	<60,2	1100 ± 70	<14,3	<21,1	23,8
2	2007/0027	<4,05	<42,0	1120 ± 60	12,2 ± 4,7	<14,1	14,9
3	2007/0047	<3,75	<43,2	1840 ± 90	14,1 ± 4,4	<13,7	15,3
4	2007/0086	<4,20	16,7 ± 9,9	2540 ± 120	<11,0	<15,1	20,3
5	2007/0129	<3,78	<40,1	1410 ± 70	<10,3	<14,6	16,2
6	2007/0163	<3,71	27,6 ± 8,5	1210 ± 60	<9,52	<12,8	14,5
7	2007/0178	<3,90	26,0 ± 7,1	1480 ± 70	<9,63	<13,0	17,8
8	2007/0195	<3,49	12,9 ± 6,9	1520 ± 80	<8,32	<12,3	23,7
9	2007/0211	<3,34	<38,9	2060 ± 100	<7,76	<11,6	32,6
10	2007/0279	<3,12	23,0 ± 6,8	1670 ± 80	<8,49	<11,5	16,2
11	2007/0299	<4,66	25,1 ± 9,6	2360 ± 120	<12,5	<18,0	27,1
12	2007/0334	<3,24	<34,0	2120 ± 100	11,0 ± 4,1	<11,6	29,0
13	2007/0416	<4,10	21,8 ± 7,8	2680 ± 130	<10,7	<13,9	29,9
14	2007/0433	<3,57	26,5 ± 9,1	3870 ± 180	<8,82	<13,1	39,3
15	2007/0458	<3,79	<43,1	3060 ± 150	<9,44	<13,4	28,7
16	2007/0489	1,37 ± 0,76	54,4 ± 8,7	4030 ± 190	<12,2	<14,3	39,3
17	2007/0504	<3,22	30,6 ± 7,6	4140 ± 190	<8,80	<11,0	32,5
18	2007/0573	<3,55	<41,3	3980 ± 190	<9,40	<13,2	33,1
19	2007/0588	<2,91	<33,3	3000 ± 140	15,6 ± 4,0	<11,2	22,4
20	2007/0633	<3,39	<35,3	2590 ± 120	<8,99	<12,8	21,3
21	2007/0658	<4,04	<38,8	2920 ± 140	11,3 ± 4,6	<14,7	23,8
22	2007/0736	<3,13	<35,6	3880 ± 180	<8,57	<9,77	27,4
23	2007/0784	<3,90	<40,6	1750 ± 90	<10,6	<14,0	14,4
24	2007/0800	<2,86	<34,5	4920 ± 230	17,8 ± 4,2	<10,6	17,8
25	2007/0833	<5,35	<65,3	3170 ± 160	<13,2	<19,3	19,6
26	2007/0848	<5,07	24,1 ± 8,3	3100 ± 150	<12,8	<18,3	19,0

Table 168 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0932	<4,38	<57,1	2740 ± 140	<13,2	<15,8	16,2
28	2007/0949	<5,14	<55,3	2640 ± 130	<13,9	<18,6	14,1
29	2007/1024	<3,35	<35,2	2940 ± 140	<9,46	<11,4	23,9
30	2007/1099	<3,61	<38,8	4290 ± 200	<8,46	<12,1	31,3
31	2007/1129	<3,42	<38,4	3090 ± 150	<8,46	<12,0	26,4
32	2007/1162	<3,48	<39,5	3020 ± 140	<9,72	<12,8	24,8
33	2007/1177	<3,46	<41,8	3290 ± 160	<9,44	<13,8	22,0
34	2007/1245	<4,10	<45,7	3230 ± 150	<11,1	<14,4	26,8
35	2007/1260	<3,42	<39,4	3540 ± 170	<9,08	<12,8	25,1
36	2007/1294	<2,71	<28,2	2640 ± 120	<7,78	<9,55	17,3
37	2007/1313	<4,33	<46,4	1050 ± 60	<11,0	<14,6	9,88
38	2007/1361	<4,29	<48,3	3430 ± 160	<11,9	<14,3	21,8
39	2007/1429	<3,50	56,1 ± 10,1	3380 ± 160	<9,08	<12,4	22,1
40	2007/1456	<3,81	35,1 ± 9,1	2570 ± 120	<10,5	<14,1	23,0
41	2007/1497	<3,77	46,9 ± 8,2	2380 ± 120	<10,7	<13,7	25,5
42	2007/1517	<3,21	73,7 ± 10,6	2260 ± 110	<8,59	<11,3	33,3
43	2007/1550	<3,42	33,0 ± 10,1	1540 ± 80	<8,45	<12,1	19,5
44	2007/1637	<3,55	<41,8	775 ± 42	<8,76	<12,5	25,3
45	2007/1661	<5,70	52,3 ± 14,3	1220 ± 70	<14,9	<21,2	15,8
46	2007/1736	<3,20	<37,4	760 ± 42	<8,50	<11,7	7,83
47	2007/1807	<3,57	48,2 ± 11,4	868 ± 50	<10,1	<14,0	23,8
48	2007/1855	<3,30	32,6 ± 9,9	1930 ± 90	<8,81	<11,7	30,7
49	2007/1870	<3,45	28,9 ± 9,5	1880 ± 90	<9,36	<12,5	27,3
50	2007/1913	<4,30	<55,6	712 ± 45	<11,0	<15,4	20,1
51	2007/1957	<4,22	27,8 ± 9,9	1580 ± 80	<9,77	<14,4	32,9
52	2007/1972	1,19 ± 0,62	54,0 ± 9,2	2660 ± 130	<8,72	<12,6	44,8

Table 169 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0012	<4,46	71,4 ± 24,1	1550 ± 140	<11,3	<14,7	35,5
2	2008/0028	<4,38	54,7 ± 22,0	1750 ± 160	<11,5	<15,3	26,9
3	2008/0043	<3,36	<42,0	2090 ± 170	<8,54	<12,4	29,0
4	2008/0058	<2,70	<47,8	2040 ± 180	<10,3	<12,6	20,4
5	2008/0128	<2,37	<42,1	2130 ± 180	<9,03	<10,1	20,4
6	2008/0143	<1,97	<32,4	2410 ± 200	<6,66	<8,19	27,2
7	2008/0170	<1,50	53,0 ± 14,2	1940 ± 160	<5,82	<6,80	27,2
8	2008/0240	1,01 ± 0,97	<35,3	2800 ± 230	<8,07	<9,08	30,0
9	2008/0307	<2,25	<39,6	3560 ± 290	<7,71	<10,6	33,0
10	2008/0336	<2,15	<33,3	3930 ± 310	<8,37	<9,92	19,9
11	2008/0376	<2,35	<39,4	3300 ± 270	<7,22	<9,44	28,0
12	2008/0405	<2,19	<37,7	3080 ± 250	<7,53	<10,2	11,9
13	2008/0421	<2,43	<43,4	1910 ± 170	<8,90	<12,6	13,5
14	2008/0507	<1,80	54,0 ± 15,6	4840 ± 380	<6,49	<7,60	23,1
15	2008/0526	<2,74	52,6 ± 15,4	2300 ± 180	<7,27	<9,71	23,2
16	2008/0543	<1,80	<31,0	3400 ± 270	<7,35	<8,22	30,6
17	2008/0614	<3,98	36,2 ± 14,9	1990 ± 180	<10,9	<14,2	19,4
18	2008/0632	<3,70	45,9 ± 22,0	4650 ± 360	<9,67	<13,5	23,8
19	2008/0651	<3,48	50,3 ± 18,7	2640 ± 210	7,00 ± 8,81	<12,7	22,1
20	2008/0674	<2,68	<50,2	4050 ± 330	<9,45	<12,2	29,7
21	2008/0708	<2,36	50,0 ± 17,9	3560 ± 290	<7,53	<9,12	24,7
22	2008/0786	<3,49	<42,2	1970 ± 160	7,56 ± 8,76	<12,8	37,4
23	2008/0809	<2,20	59,3 ± 18,6	6620 ± 520	<7,03	<9,95	45,9
24	2008/0854	<2,73	<42,8	4390 ± 360	<8,14	<11,7	22,4
25	2008/0871	<1,90	47,9 ± 14,7	2890 ± 230	<6,59	<8,07	16,0
26	2008/0967	<3,68	56,0 ± 21,2	3900 ± 310	<10,4	<13,9	16,1

Table 170 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0989	<2,35	<35,6	4040 ± 330	<8,08	<10,5	17,1
28	2008/1071	<2,73	<47,7	4470 ± 370	<9,05	<12,6	18,7
29	2008/1095	<2,07	<36,7	3370 ± 270	<7,36	<9,93	24,0
30	2008/1110	<3,00	37,5 ± 17,4	3490 ± 270	17,1 ± 6,6	<10,1	16,0
31	2008/1178	<2,83	<49,8	4020 ± 330	<9,17	<12,3	19,3
32	2008/1193	<3,36	52,3 ± 17,5	4080 ± 320	<10,1	<12,9	24,2
33	2008/1220	<2,73	<41,6	4210 ± 340	<9,16	<11,9	23,0
34	2008/1245	<2,84	57,1 ± 17,5	3750 ± 290	7,85 ± 6,19	<9,92	23,0
35	2008/1291	<1,87	66,5 ± 16,4	2980 ± 240	9,96 ± 6,12	<8,29	19,6
36	2008/1368	<2,15	<37,8	3490 ± 280	<7,50	<9,61	26,3
37	2008/1406	<2,78	<46,1	5150 ± 410	<9,37	<11,8	42,8
38	2008/1421	<2,57	<43,3	2880 ± 240	<8,95	<11,5	17,1
39	2008/1508	<2,54	<35,1	1150 ± 110	<8,99	<11,7	15,6
40	2008/1525	<2,35	<34,8	3570 ± 290	16,7 ± 6,5	<10,1	22,1
41	2008/1561	<2,12	<31,8	2330 ± 190	24,8 ± 7,1	<9,38	12,4
42	2008/1581	<1,59	47,3 ± 17,1	1530 ± 130	<8,44	<11,3	21,8
43	2008/1603	<2,48	30,5 ± 13,5	2460 ± 200	9,66 ± 5,59	<9,14	28,9
44	2008/1651	<2,71	34,9 ± 14,7	2640 ± 210	<6,52	<9,53	35,7
45	2008/1724	2,14 ± 1,81	<32,9	3310 ± 260	<8,69	<12,4	27,6
46	2008/1749	<2,55	27,0 ± 12,6	3570 ± 280	8,28 ± 5,20	<8,72	36,6
47	2008/1764	<2,35	<32,0	2540 ± 300	<7,58	<10,3	32,2
48	2008/1841	<3,03	22,9 ± 13,8	1650 ± 140	<8,34	<10,6	12,8
49	2008/1881	<2,88	30,2 ± 13,9	2010 ± 170	13,9 ± 6,6	<10,1	17,1
50	2008/1901	<2,88	28,7 ± 12,7	1500 ± 130	<6,98	<10,2	17,9
51	2008/1946	<2,67	<28,8	2580 ± 210	<6,34	<9,63	17,9
52	2008/2063	<2,70	70,3 ± 25,2	1550 ± 190	<8,61	<11,8	12,9

Table 171 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Týždeň	Rádionuklid	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1		2005/0013	<1,93	<1,79	57,9 ± 12,9	1640 ± 84	<8,87	<13,5	15,3
2		2005/0028	<2,24	<2,31	<24,9	982 ± 62	<10,5	<15,1	23,4
3		2005/0049	<1,99	<1,86	<20,9	2030 ± 104	<9,10	<12,7	27,8
4		2005/0064	<2,43	<2,51	<25,7	1100 ± 70	<11,1	<17,1	18,8
5		2005/0133	<2,34	<2,39	<25,0	1600 ± 84	<11,5	<16,9	27,8
6		2005/0164	<2,44	<2,50	<27,2	4400 ± 212	<12,5	<18,5	51,2
7		2005/0198	<2,60	<2,49	<30,6	916 ± 55	<13,3	<19,2	55,7
8		2005/0263	<2,75	<2,71	<27,4	753 ± 50	<12,5	<19,5	30,3
9		2005/0278	<3,00	<2,67	<33,7	1850 ± 103	<12,9	<18,6	37,0
10		2005/0313	<2,60	<2,35	<24,1	2990 ± 152	<14,8	<21,9	36,8
11		2005/0340	<2,69	<2,69	<22,5	2930 ± 152	<12,5	<18,1	33,6
12		2005/0357	<2,81	<2,59	49,2 ± 12,6	4980 ± 238	<13,6	<20,5	37,8
13		2005/0385	<2,58	<2,42	<27,4	4590 ± 221	<11,8	<16,9	54,0
14		2005/0404	<2,16	<2,15	66,0 ± 10,5	6430 ± 298	<10,8	<15,7	74,6
15		2005/0436	<2,17	<2,35	44,0 ± 12,9	5860 ± 274	<11,0	<17,1	45,0
16		2005/0497	<2,96	<2,75	<33,0	2700 ± 140	<14,8	<21,1	37,4
17		2005/0563	<2,30	<2,07	<22,9	3750 ± 180	<10,7	<16,8	28,7
18		2005/0646	<2,30	<2,16	<22,3	4360 ± 207	<10,4	<16,0	33,7
19		2005/0673	<2,89	<2,96	<28,1	3150 ± 158	<13,2	<21,9	18,8
20		2005/0706	<2,15	<2,19	<23,5	3100 ± 151	<11,1	<16,0	20,9
21		2005/0760	<2,24	<2,34	<24,4	4930 ± 234	15,9 ± 4,9	<17,1	31,9
22		2005/0827	<2,62	<2,51	72,2 ± 17,2	5350 ± 258	<14,2	<20,3	88,2
23		2005/0866	<2,28	<2,24	<26,6	4220 ± 202	11,7 ± 4,6	<17,6	20,9
24		2005/0886	<2,66	<2,53	<23,6	4510 ± 222	<13,2	<20,4	24,6
25		2005/0918	<2,11	<2,12	24,1 ± 10,1	4880 ± 231	<10,7	<17,6	37,8
26		2005/1015	<2,36	<2,34	57,6 ± 13,8	5210 ± 246	<11,2	<15,4	43,6

Table 172 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1035	<2,43	<2,24	<25,4	3330 ± 165	<11,4	<17,0	27,0
28	2005/1066	<2,54	<2,28	30,5 ± 11,5	4170 ± 210	<12,5	<18,2	33,5
29	2005/1084	<2,45	<2,16	<23,8	6180 ± 292	<11,9	<15,8	34,9
30	2005/1100	<2,44	<2,34	38,7 ± 9,4	3840 ± 182	<11,5	<14,9	53,0
31	2005/1172	<2,38	<2,40	74,9 ± 16,5	5100 ± 252	<12,3	<18,4	82,8
32	2005/1203	<2,37	<2,26	<23,0	2980 ± 142	<9,94	<14,4	20,9
33	2005/1251	<2,10	<1,90	<20,5	3580 ± 169	<9,82	<13,7	26,9
34	2005/1377	<2,14	<2,03	<22,0	4010 ± 191	<10,8	<15,3	27,8
35	2005/1392	<1,82	<2,04	<21,6	5610 ± 262	<10,5	<14,6	32,3
36	2005/1430	<2,31	<2,26	42,8 ± 13,4	4680 ± 229	<11,3	<15,5	46,7
37	2005/1451	<2,14	<2,05	<22,2	3230 ± 159	<10,7	<14,8	44,2
38	2005/1466	<2,19	<2,13	<22,6	3310 ± 164	<9,12	<15,2	23,7
39	2005/1529	<1,93	<1,86	54,7 ± 11,8	4260 ± 198	<11,2	<14,5	48,8
40	2005/1557	<2,30	<2,13	<23,5	3220 ± 152	<10,0	<12,3	40,0
41	2005/1601	<3,02	<3,13	113 ± 39	4770 ± 239	<14,6	<22,4	57,7
42	2005/1620	<2,06	<1,93	<22,4	1910 ± 94	<9,06	<13,4	40,7
43	2005/1641	<2,22	1,94 ± 0,73	<24,1	1870 ± 94	10,0 ± 4,5	<15,4	40,6
44	2005/1733	<2,36	<2,22	<24,2	3280 ± 157	<10,9	<15,3	50,3
45	2005/1787	<2,31	<2,22	40,6 ± 12,4	1790 ± 95	<11,5	<17,7	61,8
46	2005/1893	<2,46	<2,39	<23,3	1150 ± 66	<12,0	<18,8	53,2
47	2005/1908	<2,54	<2,51	<28,2	1350 ± 75	<11,1	<17,8	27,0
48	2005/2001	<2,01	<1,95	<21,1	983 ± 53	<8,88	<13,6	26,8
49	2005/2039	<2,05	<2,09	<21,2	746 ± 43	<9,73	<14,0	23,9
50	2005/2065	<1,64	<1,60	<18,2	2550 ± 120	<6,86	<9,33	44,7
51	2005/2131	<2,24	<2,44	<23,2	1790 ± 94	<11,2	<18,2	16,9
52	2005/2146*							

Poznámky: * Porucha veľkoobjemového presávacieho zariadenia

Table 173 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0014	<5,08	31,2 ± 10,7	489 ± 39	<13,6	<17,4	22,0
2	2006/0029	<6,93	<81,3	5910 ± 290	<18,2	<23,4	45,6
3	2006/0045	<4,01	<40,8	1760 ± 90	<10,3	<13,7	51,7
4	2006/0061	1,78 ± 0,74	<37,2	3170 ± 150	9,42 ± 4,13	<12,4	52,0
5	2006/0076	<3,81	<42,9	2310 ± 110	23,9 ± 4,8	<12,5	75,3
6	2006/0091	<4,08	<44,3	1650 ± 80	15,7 ± 5,0	<14,3	68,6
7	2006/0109	<3,95	<45,5	1670 ± 80	<10,0	<14,2	39,6
8	2006/0138	<5,64	<57,3	990 ± 58	11,2 ± 6,3	<19,7	32,7
9	2006/0156	<3,46	28,1 ± 7,4	1980 ± 90	<9,18	<12,4	37,5
10	2006/0269	<3,57	<41,4	2980 ± 140	11,4 ± 4,0	<12,6	40,8
11	2006/0307	1,88 ± 1,04	<65,8	2650 ± 130	<15,3	<22,7	42,4
12	2006/0376	<4,75	57,9 ± 10,5	2230 ± 110	<12,6	<17,2	59,7
13	2006/0401	<3,80	<45,5	1870 ± 90	<9,43	<13,6	44,4
14	2006/0423	<3,91	20,6 ± 7,9	3270 ± 150	<9,73	<12,8	22,0
15	2006/0454	<3,09	30,7 ± 7,4	4950 ± 230	17,0 ± 4,0	<10,2	42,8
16	2006/0519	<3,37	<36,3	4160 ± 190	<8,35	<12,4	31,3
17	2006/0542	<3,19	29,0 ± 8,3	5150 ± 240	<8,85	<11,9	45,2
18	2006/0603	<4,86	19,1 ± 9,4	3380 ± 160	<12,3	<16,7	34,1
19	2006/0653	<6,68	<71,8	6480 ± 310	<16,0	<21,7	44,8
20	2006/0690	<3,85	25,5 ± 7,5	5940 ± 270	<10,1	<14,1	42,5
21	2006/0708	<3,57	<39,0	5880 ± 270	10,4 ± 4,2	<11,9	44,4
22	2006/0785	<3,41	<38,9	3950 ± 180	<8,75	<12,4	24,2
23	2006/0802	<3,14	12,1 ± 6,6	2770 ± 130	<7,99	<11,3	29,2
24	2006/0821	<3,12	<34,7	4630 ± 210	<7,57	<11,1	31,1
25	2006/0856	2,93 ± 0,79	<62,0	6050 ± 280	<11,5	<20,5	51,4
26	2006/0872	<3,75	26,9 ± 7,6	6320 ± 290	<10,2	<14,3	35,9

Table 174 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0939	<5,75	<58,6	5770 ± 270	<14,0	<19,4	36,4
28	2006/0975	<3,72	53,8 ± 9,7	8350 ± 380	10,6 ± 5,1	<12,4	43,6
29	2006/0990	<3,69	55,7 ± 9,8	6430 ± 290	<8,84	<12,2	72,0
30	2006/1116	2,33 ± 0,68	69,9 ± 12,8	7690 ± 350	<8,91	<12,6	57,6
31	2006/1143	<3,90	38,3 ± 9,8	5570 ± 260	13,6 ± 4,1	<12,8	47,4
32	2006/1162	<3,17	<36,3	2510 ± 120	<8,53	<11,9	16,6
33	2006/1180	<3,37	<39,9	3310 ± 150	<7,91	<12,0	27,2
34	2006/1201	<3,35	24,4 ± 7,3	4700 ± 220	<7,06	<12,6	32,3
35	2006/1284	<3,57	42,2 ± 8,1	2990 ± 140	<8,89	<13,9	25,6
36	2006/1331	1,21 ± 0,64	57,8 ± 8,9	2940 ± 140	<9,18	<12,7	55,2
37	2006/1363	<3,99	48,3 ± 10,1	4280 ± 200	<9,53	<14,2	72,1
38	2006/1381	<3,82	31,0 ± 8,6	5630 ± 260	<9,38	<13,7	40,1
39	2006/1399	<2,84	27,9 ± 7,1	5080 ± 230	<8,20	<9,40	42,7
40	2006/1494	<3,47	<45,7	4390 ± 200	<9,25	<12,4	50,0
41	2006/1512	<3,49	<42,4	3910 ± 180	8,52 ± 3,24	<12,6	33,2
42	2006/1586	<3,11	19,9 ± 7,9	3830 ± 180	<7,69	<11,7	47,5
43	2006/1671	<5,78	<60,3	3300 ± 160	<12,1	<19,9	41,7
44	2006/1686	<3,49	15,8 ± 7,6	4970 ± 230	10,5 ± 3,7	<12,1	25,4
45	2006/1727	<4,20	<44,7	4260 ± 200	<9,39	<14,8	20,8
46	2006/1750	<3,35	<36,7	2100 ± 100	<6,68	<12,4	23,9
47	2006/1777	<3,40	<37,2	1540 ± 80	5,32 ± 3,86	<12,4	50,1
48	2006/1893	1,07 ± 0,60	<38,7	1300 ± 60	10,1 ± 3,7	<11,1	36,6
49	2006/1911	<3,58	42,9 ± 7,7	1940 ± 90	<8,22	<12,6	46,2
50	2006/1926	<4,56	<48,6	1040 ± 60	<10,6	<15,7	29,1
51	2006/1941	<3,54	<40,7	1670 ± 80	<7,53	<10,9	28,9
52	2006/1974*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					

Table 175 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0015	<5,13	<59,2	1260 ± 70	<12,1	<18,8	29,9
2	2007/0028	<3,38	<38,0	725 ± 41	<8,32	<13,0	11,1
3	2007/0048	<3,88	<42,3	2130 ± 100	14,4 ± 4,9	<13,7	20,7
4	2007/0087	<3,86	<44,4	2430 ± 120	<9,27	<14,1	20,3
5	2007/0130	<3,60	<37,7	1430 ± 70	<6,81	<12,2	16,2
6	2007/0164	<3,39	<37,9	1360 ± 70	<8,33	<12,1	17,0
7	2007/0179	<3,51	<38,8	1520 ± 80	<8,65	<12,6	20,4
8	2007/0196	<3,47	19,3 ± 6,9	1680 ± 80	<8,51	<11,6	28,0
9	2007/0212	<3,52	<38,5	2120 ± 100	<8,37	<12,5	35,7
10	2007/0280	<3,58	<39,0	1770 ± 90	<8,69	<12,3	19,7
11	2007/0300	<5,35	<62,1	2250 ± 120	<14,3	<20,4	34,6
12	2007/0335	<4,24	30,2 ± 8,6	2440 ± 120	<8,94	<14,6	42,7
13	2007/0417	<3,56	<41,3	2870 ± 140	7,80 ± 4,25	<13,2	35,9
14	2007/0434	<4,63	<51,9	4120 ± 200	<11,3	<16,8	55,4
15	2007/0459	<3,94	<43,2	2770 ± 140	<10,0	<14,0	55,8
16	2007/0490	<3,70	<44,2	4040 ± 190	<9,62	<11,5	82,8
17	2007/0505	<3,96	82,1 ± 13,7	4380 ± 210	14,7 ± 4,5	<13,2	60,5
18	2007/0574	<3,77	63,8 ± 10,7	4530 ± 210	<9,47	<13,0	81,8
19	2007/0589	<3,73	37,4 ± 9,0	3160 ± 150	9,32 ± 3,96	<13,1	55,4
20	2007/0634	<3,60	<44,3	2630 ± 130	23,4 ± 4,5	<12,6	42,6
21	2007/0659	<3,59	44,1 ± 9,1	3220 ± 150	<8,84	<12,0	73,9
22	2007/0737	<3,58	<36,3	4160 ± 190	<8,80	<12,5	41,0
23	2007/0785	<3,64	<41,3	1860 ± 90	<9,00	<13,3	28,0
24	2007/0801	<2,40	<30,8	5390 ± 250	<6,19	<8,77	33,1
25	2007/0834	<3,66	50,5 ± 9,3	3460 ± 160	<9,57	<12,6	52,3
26	2007/0849	<4,81	47,4 ± 11,8	3050 ± 150	<12,0	<17,1	63,1

Table 176 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0933	<4,00	59,6 ± 10,8	3190 ± 150	11,9 ± 5,2	<12,7	43,3
28	2007/0950	<5,04	<62,7	3070 ± 150	<11,0	<17,5	36,4
29	2007/1025	<3,97	<49,1	3240 ± 160	<10,4	<14,2	71,6
30	2007/1100	<2,98	64,1 ± 9,4	4350 ± 200	<7,59	<9,35	82,6
31	2007/1130	<3,65	72,0 ± 10,8	3220 ± 150	<8,58	<12,5	81,1
32	2007/1163	<3,02	60,1 ± 9,6	3230 ± 150	<7,69	<9,26	78,6
33	2007/1178	<5,27	<55,3	3520 ± 170	<13,3	<19,0	34,9
34	2007/1246	<4,13	40,8 ± 11,1	3300 ± 160	<10,4	<15,1	58,0
35	2007/1261	<3,47	34,7 ± 8,8	3670 ± 170	<8,74	<11,4	45,5
36	2007/1295	<2,86	25,3 ± 6,6	2790 ± 130	<7,27	<9,57	35,2
37	2007/1314	<5,28	<61,8	1280 ± 70	<14,2	<17,0	27,5
38	2007/1362	<4,85	<63,2	3450 ± 170	<12,9	<18,0	81,8
39	2007/1430	<5,13	81,4 ± 13,9	4040 ± 190	<13,8	<16,2	49,5
40	2007/1457	<3,15	36,6 ± 9,6	2640 ± 120	<8,08	<11,5	36,2
41	2007/1498	<3,72	44,8 ± 9,4	2330 ± 110	<10,5	<12,8	38,7
42	2007/1518	<3,38	63,7 ± 11,3	2180 ± 110	<8,32	<11,4	44,3
43	2007/1551	<3,54	61,4 ± 10,7	1600 ± 80	<9,68	<12,2	29,8
44	2007/1638	<3,42	<42,8	894 ± 48	<8,44	<12,5	28,7
45	2007/1662	<3,32	<37,2	1280 ± 60	<8,32	<11,5	21,3
46	2007/1737	<4,95	<66,2	532 ± 33	<12,5	<17,6	10,1
47	2007/1808	<3,46	21,5 ± 9,1	1020 ± 50	<8,74	<11,6	24,5
48	2007/1856	<3,37	63,5 ± 10,3	1970 ± 90	<8,92	<12,0	31,1
49	2007/1871*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
50	2007/1914	<4,85	31,0 ± 10,9	758 ± 48	<12,0	<16,8	23,0
51	2007/1958	<5,47	<65,9	1640 ± 90	<13,2	<18,6	32,7
52	2007/1973	<4,94	<61,7	2640 ± 130	<12,2	<17,0	51,4

Table 177 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0013	<4,19	60,3 ± 24,1	1150 ± 100	<10,8	<15,5	38,5
2	2008/0029	<3,62	43,3 ± 21,2	1280 ± 120	10,3 ± 8,5	<13,4	19,0
3	2008/0044	<3,39	51,7 ± 18,0	2110 ± 170	<9,08	<12,5	25,4
4	2008/0059	<2,27	<36,6	1780 ± 160	<7,89	<10,4	17,0
5	2008/0129	<1,87	52,1 ± 16,7	2100 ± 170	<7,27	<8,26	26,5
6	2008/0144	<2,66	<45,4	2510 ± 220	<9,58	<12,1	27,2
7	2008/0171	<1,91	41,8 ± 14,6	1950 ± 160	<6,22	<7,77	34,8
8	2008/0241	<2,86	<43,4	2550 ± 220	<10,0	<12,5	30,9
9	2008/0308	<2,40	<43,6	3350 ± 280	<7,88	<10,3	37,0
10	2008/0337	<1,91	<32,0	4240 ± 330	<9,42	<8,94	22,8
11	2008/0377	<2,51	<42,1	3980 ± 320	<6,73	<10,1	38,3
12	2008/0406	<2,93	<44,7	3030 ± 250	<9,70	<12,9	15,2
13	2008/0422	<1,55	39,4 ± 13,1	2020 ± 160	<5,44	<6,98	18,8
14	2008/0508	<2,16	<33,7	4960 ± 390	<6,86	<9,38	31,6
15	2008/0527	<3,20	68,2 ± 17,7	2490 ± 200	<8,28	<11,1	30,9
16	2008/0544	<2,28	<36,9	3350 ± 270	<7,38	<9,16	36,2
17	2008/0615	<3,24	43,0 ± 22,1	2140 ± 180	<9,19	<12,2	21,7
18	2008/0633	<3,85	56,2 ± 25,6	5680 ± 440	<10,4	<13,8	50,3
19	2008/0652	<3,87	65,3 ± 22,0	2940 ± 240	<10,1	<14,0	32,1
20	2008/0675	<1,93	<33,3	4280 ± 340	19,3 ± 7,0	<8,51	49,3
21	2008/0709	<2,25	<40,1	3730 ± 300	<7,68	<9,95	35,8
22	2008/0787	<3,84	43,7 ± 20,4	2170 ± 180	<9,59	<13,8	32,2
23	2008/0810	<1,81	53,6 ± 17,4	6660 ± 510	<5,62	<8,11	54,6
24	2008/0855	<4,16	30,7 ± 20,2	4330 ± 350	<10,6	<15,5	38,1
25	2008/0872	<2,13	<35,3	3090 ± 250	<6,51	<9,72	35,9
26	2008/0968	<3,71	65,4 ± 22,3	4100 ± 320	<10,3	<13,9	43,9

Table 178 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0990	<2,32	57,6 ± 19,5	4390 ± 350	<7,54	<9,66	35,3
28	2008/1072	<1,85	77,1 ± 17,6	4330 ± 340	<6,97	<7,98	43,7
29	2008/1096	<2,38	66,8 ± 22,4	3290 ± 270	<7,67	<10,1	58,3
30	2008/1111	<2,92	67,1 ± 18,3	3220 ± 250	<7,52	<9,82	39,1
31	2008/1179	<1,93	<34,4	3990 ± 320	<7,10	<8,85	50,6
32	2008/1194	<4,53	87,6 ± 26,8	2420 ± 200	<12,3	<16,4	27,7
33	2008/1221*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
34	2008/1246*						
35	2008/1292*						
36	2008/1369*						
37	2008/1407	<3,33	301 ± 69	5130 ± 410	123 ± 31	<10,2	165
38	2008/1422	<2,18	<35,6	2140 ± 180	<7,86	<10,2	21,5
39	2008/1509	<2,48	<38,2	1030 ± 100	<8,52	<11,7	17,9
40	2008/1526	<2,28	58,5 ± 21,6	3140 ± 380	<7,21	<10,1	29,6
41	2008/1562	<2,22	<33,4	2910 ± 240	<7,37	<9,77	23,9
42	2008/1582	<1,93	55,6 ± 19,9	1680 ± 150	<10,5	<16,5	37,3
43	2008/1604	<2,58	49,4 ± 15,1	2660 ± 210	<6,08	<9,09	40,4
44	2008/1652	<2,43	28,3 ± 12,4	2730 ± 220	<6,26	<8,83	39,8
45	2008/1725	<2,56	31,4 ± 25,8	2990 ± 250	38,2 ± 12,7	<13,1	25,6
46	2008/1750	<2,81	30,6 ± 11,2	3450 ± 280	13,6 ± 6,1	<10,2	39,5
47	2008/1765	<3,30	25,7 ± 17,8	2360 ± 190	<8,67	<10,8	32,2
48	2008/1842	<2,26	<31,4	1790 ± 220	<6,67	<10,1	12,7
49	2008/1882	<2,95	19,3 ± 11,7	2110 ± 170	17,8 ± 6,3	<9,89	15,4
50	2008/1902	<3,10	<33,3	1290 ± 120	<7,85	<11,5	16,2
51	2008/1947	<3,15	19,5 ± 13,6	2660 ± 220	<7,91	<11,6	14,4
52	2008/2064	<3,21	<43,3	1510 ± 190	<11,0	<14,7	12,8

Table 179 Aerosol activity (gamma spectrometry) - SDS Kozárovce , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Týždeň	Rádionuklid	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1		2005/0014	<2,56	<2,49	74,4 ± 13,9	1720 ± 94	<11,5	<19,0	23,6
2		2005/0029	<2,26	<2,03	<24,6	1350 ± 79	<10,4	<15,1	29,5
3		2005/0050	<1,82	<1,89	<20,2	1540 ± 81	<9,47	<13,7	22,8
4		2005/0065	<2,31	<2,55	<26,3	1700 ± 96	<11,7	<16,6	21,7
5		2005/0134	<2,54	<2,52	<28,9	1880 ± 103	<12,1	<17,8	27,8
6		2005/0165	<2,62	<2,53	51,1 ± 13,1	5250 ± 252	<13,3	<19,3	53,9
7		2005/0199	<2,72	<2,46	<26,4	1040 ± 62	<12,5	<18,8	42,8
8		2005/0264	<2,53	<2,48	<27,3	787 ± 50	<12,7	<17,6	29,5
9		2005/0279	<2,52	<2,74	<28,4	1980 ± 103	<12,8	<18,7	39,6
10		2005/0314	<2,33	<2,44	<25,0	3290 ± 165	<15,5	<21,8	33,7
11		2005/0341	<2,54	<2,35	<28,4	3480 ± 175	<12,4	<18,0	33,3
12		2005/0358	<2,85	<2,71	<29,0	5050 ± 241	<13,5	<20,1	33,1
13		2005/0386	<2,23	<2,27	<24,4	4740 ± 227	<12,5	<17,6	51,4
14		2005/0405	<2,78	5,19 ± 1,32	62,8 ± 14,3	7060 ± 331	<14,0	<19,7	86,9
15		2005/0437	<2,84	<2,91	<33,7	6970 ± 330	<15,2	<22,2	41,6
16		2005/0498	<2,32	<2,14	33,1 ± 11,7	4280 ± 204	10,5 ± 4,8	<17,1	41,7
17		2005/0564	<3,04	<2,90	<31,7	4500 ± 220	<14,6	<21,4	28,7
18		2005/0647	<2,88	<2,76	<34,8	5480 ± 264	<15,0	<21,0	32,4
19		2005/0674	<2,94	<2,88	<32,5	3290 ± 166	<13,2	<22,0	17,8
20		2005/0707	<2,31	<2,33	<24,2	3330 ± 161	13,4 ± 5,1	<16,8	23,0
21		2005/0761	<2,63	<2,18	<22,9	5530 ± 266	16,1 ± 6,3	<19,8	22,8
22		2005/0828	<2,63	<2,51	<29,3	5780 ± 277	<12,5	<21,2	28,7
23		2005/0867	<2,42	<2,39	<26,0	4630 ± 217	14,9 ± 4,4	<17,2	23,9
24		2005/0887	<2,17	<2,15	<24,0	5390 ± 255	<10,5	<16,4	21,8
25		2005/0919	<2,42	<2,33	<25,6	5350 ± 259	<13,3	<18,7	24,7
26		2005/1016	<2,26	<2,13	<25,9	5930 ± 279	<11,0	<16,7	28,8

Table 180 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Týždeň	Rádionuklid Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2005/1036	<2,28	<2,21	39,7 ± 9,8	3790 ± 180	<11,3	<14,7	20,0
28	2005/1067	<2,46	<2,16	<26,5	4450 ± 220	<12,1	<18,1	23,8
29	2005/1085	<2,52	<2,26	<27,9	6680 ± 323	<13,3	<17,8	25,7
30	2005/1101	<2,36	<2,10	28,0 ± 10,6	4330 ± 208	<11,7	<17,5	26,2
31	2005/1173	<2,54	<2,41	<25,2	5300 ± 258	<12,9	<17,4	40,1
32	2005/1204	<2,28	<2,10	<21,9	3150 ± 151	<10,8	<15,4	11,9
33	2005/1252	<2,01	<1,86	<19,5	3910 ± 184	<9,07	<13,0	16,4
34	2005/1378	<2,15	<1,84	<21,2	4210 ± 200	<10,3	<14,4	18,6
35	2005/1393	<2,13	<1,97	<20,4	6390 ± 297	<10,2	<14,5	19,6
36	2005/1431	<2,24	<1,94	<20,4	5550 ± 268	<10,6	<14,5	28,7
37	2005/1452	<2,12	<1,92	<22,6	4910 ± 232	<10,1	<13,5	33,4
38	2005/1467	<2,07	<2,09	27,4 ± 10,5	3180 ± 158	<10,7	<15,8	11,3
39	2005/1530	<2,37	<2,25	<24,1	4190 ± 199	<11,8	<16,0	26,8
40	2005/1558	<2,10	<1,97	<19,8	3470 ± 165	<10,0	<13,7	19,9
41	2005/1602	<2,61	<2,46	33,2 ± 15,7	5020 ± 243	<13,3	<18,8	32,6
42	2005/1621	<2,07	<2,02	<21,3	2520 ± 121	<9,73	<14,3	23,8
43	2005/1642	<2,05	<1,97	<23,0	2830 ± 135	<9,90	<14,2	26,7
44	2005/1734	<2,28	<2,19	<24,2	3250 ± 155	<10,5	<15,2	41,4
45	2005/1788	<2,28	<2,30	<22,5	1830 ± 96	<11,2	<17,8	61,5
46	2005/1894	<1,85	<1,76	27,4 ± 8,1	1390 ± 68	<8,04	<12,1	49,7
47	2005/1909	<1,99	<1,94	<21,6	1410 ± 71	<9,01	<13,7	28,8
48	2005/2002	<2,10	<1,90	<20,1	970 ± 52	<9,13	<13,1	24,8
49	2005/2040	<2,19	<2,30	<25,1	1490 ± 82	<11,5	<17,1	21,9
50	2005/2066	<2,10	<2,05	<22,4	2210 ± 108	<9,37	<14,1	41,7
51	2005/2132	<2,18	<2,20	<22,9	1820 ± 99	<9,97	<14,4	19,0
52	2005/2147	<2,36	<2,24	<25,1	1170 ± 68	<11,3	<16,9	25,0

Table 181 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0015	<6,38	<73,1	1050 ± 70	<15,3	<23,8	24,2
2	2006/0030	<4,69	<53,5	6010 ± 280	23,5 ± 5,7	<16,9	38,5
3	2006/0046	1,57 ± 0,63	<46,5	1720 ± 90	9,31 ± 4,86	<14,6	48,7
4	2006/0062	1,31 ± 0,68	<37,7	3270 ± 150	8,77 ± 4,46	<12,1	52,0
5	2006/0077	<4,37	<53,7	2700 ± 130	8,41 ± 5,59	<16,3	63,6
6	2006/0092	<4,05	<40,2	1540 ± 80	9,99 ± 4,63	<14,3	60,6
7	2006/0110	<4,18	<43,6	1360 ± 70	12,5 ± 4,5	<14,1	42,6
8	2006/0139	<3,97	<43,4	1480 ± 70	11,4 ± 4,8	<14,1	32,7
9	2006/0157	<3,48	25,0 ± 7,1	2120 ± 100	16,1 ± 3,9	<12,7	36,6
10	2006/0270	<3,38	<35,5	2900 ± 140	<9,09	<12,4	28,9
11	2006/0308	<4,26	18,2 ± 7,9	1970 ± 100	<10,9	<15,7	32,8
12	2006/0377	<6,42	29,1 ± 11,6	2490 ± 130	<14,6	<21,3	51,5
13	2006/0402	<6,23	<69,3	1880 ± 100	<14,2	<21,8	38,4
14	2006/0424	<3,59	<41,2	3570 ± 170	10,2 ± 4,4	<13,5	16,1
15	2006/0455	<3,91	30,1 ± 6,8	5170 ± 240	19,7 ± 4,3	<11,0	30,5
16	2006/0520	<3,39	<38,3	4490 ± 210	12,3 ± 4,0	<12,2	25,5
17	2006/0543	<3,41	21,1 ± 7,0	5630 ± 260	<8,54	<12,1	34,1
18	2006/0604	<3,26	22,6 ± 7,1	3870 ± 180	<8,81	<11,9	31,6
19	2006/0654	3,91 ± 0,82	35,6 ± 8,8	7630 ± 350	<9,81	<14,1	40,6
20	2006/0691	<3,75	<43,1	6330 ± 290	<10,2	<13,9	35,7
21	2006/0710	<6,18	<71,7	6410 ± 300	<17,1	<23,3	22,5
22	2006/0786	<3,34	<35,0	4100 ± 190	<8,71	<12,4	12,8
23	2006/0803	<3,34	<37,5	3160 ± 150	<9,11	<12,5	15,0
24	2006/0822	<3,08	13,0 ± 6,2	5440 ± 250	<7,88	<10,8	17,8
25	2006/0857	<3,44	26,9 ± 7,0	6120 ± 280	<9,56	<12,9	28,9
26	2006/0873	<6,09	<71,0	5590 ± 270	<15,4	<22,9	28,1

Table 182 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0940	<5,85	<58,9	5960 ± 280	<14,7	<20,1	19,3
28	2006/0976	<3,97	15,1 ± 8,0	9040 ± 410	<10,4	<14,2	28,0
29	2006/0991	<3,35	22,1 ± 6,9	6630 ± 300	<8,65	<12,1	22,2
30	2006/1117	<2,90	<31,6	7580 ± 350	8,93 ± 4,14	<10,8	33,7
31	2006/1144	<6,06	<64,9	5230 ± 250	<11,6	<21,4	27,4
32	2006/1163	<3,31	<35,2	2450 ± 120	<8,46	<12,5	11,9
33	2006/1181	<3,30	32,3 ± 7,3	3320 ± 160	<7,94	<12,3	15,3
34	2006/1202	<3,22	22,1 ± 6,4	4440 ± 210	<6,48	<11,2	18,6
35	2006/1285	<3,11	<35,6	3390 ± 160	<7,60	<9,05	13,6
36	2006/1332	<3,30	<38,0	3130 ± 150	<8,01	<12,4	14,4
37	2006/1364	<3,28	<37,0	3980 ± 180	<7,76	<11,7	20,4
38	2006/1382	<3,23	<41,5	5930 ± 270	<7,82	<11,3	54,5
39	2006/1400	<3,66	<42,6	5130 ± 240	<9,32	<14,0	24,7
40	2006/1495	<3,30	<38,6	5080 ± 230	<8,28	<12,2	34,0
41	2006/1513	<4,00	57,5 ± 11,9	3750 ± 180	9,25 ± 4,24	<14,3	51,0
42	2006/1587	<3,39	<37,8	4520 ± 210	8,15 ± 3,79	<12,7	33,0
43	2006/1672	<5,37	41,3 ± 11,6	3700 ± 180	<10,7	<19,8	38,0
44	2006/1687	<3,32	26,7 ± 6,5	5080 ± 230	10,2 ± 3,6	<11,7	22,9
45	2006/1728	<3,99	17,8 ± 7,1	4320 ± 200	21,4 ± 4,5	<14,0	19,8
46	2006/1751	<3,55	<37,3	2250 ± 110	<8,67	<12,0	22,3
47	2006/1778	<3,35	<36,8	1380 ± 70	10,5 ± 3,2	<11,7	44,1
48	2006/1894	<2,82	21,8 ± 5,8	1390 ± 70	<6,12	<10,5	31,4
49	2006/1912	<3,70	<39,6	1680 ± 80	10,2 ± 3,8	<11,8	39,0
50	2006/1927	<3,29	<35,8	1100 ± 60	<8,46	<12,3	25,2
51	2006/1942	<3,26	<34,5	1650 ± 80	<7,84	<12,0	27,8
52	2006/1975	1,77 ± 0,65	<37,4	1870 90	<7,32	<12,3	33,9

Table 183 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0016	<3,54	<37,7	1380 ± 70	<8,54	<12,8	26,5
2	2007/0029	<3,75	<41,3	1520 ± 80	<9,15	<13,0	20,6
3	2007/0049	<5,27	22,4 ± 9,7	2800 ± 140	<11,5	<16,8	19,7
4	2007/0088	<3,89	<41,0	2720 ± 130	<7,88	<13,7	20,3
5	2007/0131	<5,25	<60,8	1630 ± 90	13,1 ± 5,5	<18,9	16,2
6	2007/0165	<3,62	<37,2	1290 ± 70	<8,33	<11,2	15,3
7	2007/0180	<3,69	<40,3	1700 ± 80	<8,58	<13,0	17,0
8	2007/0197	<3,45	<39,6	1060 ± 50	<7,87	<12,6	24,6
9	2007/0213	<3,49	<36,3	2250 ± 110	<8,63	<12,8	30,6
10	2007/0281	<3,66	<35,7	2190 ± 110	<8,51	<12,5	18,9
11	2007/0301	<5,05	<62,9	2770 ± 140	<10,8	<20,0	27,0
12	2007/0336	<3,30	27,7 ± 7,1	2450 ± 120	21,8 ± 4,1	<11,5	28,0
13	2007/0418	<3,55	25,7 ± 7,8	2980 ± 140	<8,60	<12,9	31,6
14	2007/0435	1,77 ± 0,59	<40,2	4410 ± 210	<9,70	<12,5	38,4
15	2007/0460	<3,95	23,3 ± 9,5	3110 ± 150	15,7 ± 4,5	<14,6	26,2
16	2007/0491	<3,72	<43,6	4360 ± 200	9,99 ± 4,50	<13,3	40,1
17	2007/0506	<3,46	24,9 ± 7,4	4420 ± 210	11,4 ± 4,2	<12,8	36,5
18	2007/0575	<3,63	<40,9	4320 ± 200	<8,72	<12,7	30,7
19	2007/0590	<3,51	<39,2	3030 ± 140	<8,98	<13,0	23,0
20	2007/0635	<4,23	<40,7	3000 ± 140	12,9 ± 4,6	<14,8	19,6
21	2007/0660	<3,50	21,5 ± 7,0	3310 ± 160	<9,44	<12,6	32,3
22	2007/0738	<3,48	<38,6	4170 ± 190	<8,73	<12,7	48,5
23	2007/0786	<3,39	<38,3	2000 ± 100	8,70 ± 4,24	<13,0	17,0
24	2007/0802	<4,56	<49,7	5660 ± 270	<11,2	<16,4	20,3
25	2007/0835	<3,52	<38,9	3980 ± 190	<9,10	<13,4	19,7
26	2007/0850	<5,62	<64,5	3320 ± 170	<13,5	<19,9	25,4

Table 184 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0934	<4,32	29,6 ± 8,3	3200 ± 160	<11,8	<14,8	17,9
28	2007/0951	<5,60	<59,6	1800 ± 90	<14,9	<19,6	10,0
29	2007/1026*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
30	2007/1101*						
31	2007/1131*						
32	2007/1164*						
33	2007/1179						
34	2007/1247	<3,39	<33,9	3020 ± 140	<8,99	<10,5	16,9
35	2007/1262	<3,61	<37,1	3340 ± 160	<8,49	<12,5	20,2
36	2007/1296	<2,87	<34,4	2580 ± 120	<7,91	<11,3	13,6
37	2007/1315	<4,30	<43,0	1070 ± 60	<11,8	<14,6	7,48
38	2007/1363	<3,27	23,9 ± 7,7	3360 ± 160	<8,31	<10,1	17,9
39	2007/1431	<2,89	49,3 ± 8,6	3170 ± 150	<8,02	<10,4	19,5
40	2007/1458	<3,81	36,0 ± 9,4	2580 ± 120	<9,81	<13,6	18,9
41	2007/1499	<3,87	37,5 ± 8,9	2030 ± 100	<9,46	<13,3	20,2
42	2007/1519	<3,43	49,7 ± 10,7	2170 ± 110	<8,20	<12,4	29,8
43	2007/1552	<3,22	42,8 ± 8,6	1420 ± 70	<8,39	<11,4	31,5
44	2007/1639	<3,40	46,3 ± 9,4	527 ± 28	<8,48	<11,6	21,9
45	2007/1663	<4,52	<50,1	1110 ± 60	<11,7	<15,8	13,7
46	2007/1738	<3,93	38,5 ± 9,7	719 ± 42	<9,32	<14,2	7,61
47	2007/1809	<3,54	35,3 ± 10,0	884 ± 49	<9,27	<12,6	20,5
48	2007/1857	<3,38	61,0 ± 10,6	1800 ± 90	<8,46	<11,6	25,7
49	2007/1872	<5,23	<65,8	1680 ± 90	<12,8	<18,4	23,0
50	2007/1915	<3,75	50,2 ± 10,0	763 ± 44	<9,55	<13,8	20,1
51	2007/1959	<4,86	57,7 ± 12,1	1480 ± 80	<12,6	<16,8	26,8
52	2007/1974	<3,73	<51,2	2100 ± 100	<9,87	<13,6	34,2

Table 185 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0014	<4,34	75,8 ± 24,2	1370 ± 130	<10,7	<14,9	30,6
2	2008/0030	<3,75	45,9 ± 20,6	1540 ± 140	12,8 ± 9,2	<13,5	23,0
3	2008/0045	<3,57	35,2 ± 16,1	1850 ± 160	<8,93	<12,4	21,1
4	2008/0060	<1,98	<30,0	1960 ± 160	<7,54	<8,56	17,0
5	2008/0130	<1,77	44,4 ± 15,1	1900 ± 160	<6,03	<7,77	18,8
6	2008/0145	<2,36	<39,0	2510 ± 210	<7,68	<10,4	24,6
7	2008/0172	<2,95	<45,8	2270 ± 200	<10,1	<12,0	29,6
8	2008/0242	<2,77	<45,7	3160 ± 260	<8,57	<11,6	29,9
9	2008/0309	<2,54	<41,7	3860 ± 320	<8,06	<10,3	35,0
10	2008/0338	<2,11	<35,8	4640 ± 370	<8,31	<9,61	20,8
11	2008/0378	<2,93	<50,6	3110 ± 260	<9,17	<12,6	30,6
12	2008/0407	<2,27	<36,7	3510 ± 280	<7,46	<10,4	14,5
13	2008/0423	<2,28	39,9 ± 18,7	2190 ± 180	<7,32	<9,97	15,3
14	2008/0509	<3,22	40,1 ± 19,5	5370 ± 410	<8,48	<10,9	23,1
15	2008/0528	<1,71	<26,6	2770 ± 220	<6,09	<7,80	22,3
16	2008/0545	<2,17	57,1 ± 18,8	3430 ± 270	<7,65	<9,74	24,7
17	2008/0616	<4,06	43,1 ± 18,9	2420 ± 210	<10,4	<15,0	17,1
18	2008/0634	<4,13	53,7 ± 21,2	6090 ± 470	<10,4	<14,1	27,2
19	2008/0653	<3,58	57,4 ± 20,2	3010 ± 240	<9,01	<12,2	18,7
20	2008/0676	<2,42	38,4 ± 18,5	4350 ± 350	<8,25	<11,2	25,3
21	2008/0710	<1,59	<24,3	3920 ± 300	<6,33	<7,11	23,9
22	2008/0788	<3,02	62,3 ± 17,6	2240 ± 180	<8,00	<10,9	34,2
23	2008/0811	<2,93	<51,3	7430 ± 580	<8,99	<11,8	58,4
24	2008/0856	<3,79	34,9 ± 16,6	4600 ± 370	8,57 ± 8,20	<15,0	18,6
25	2008/0873	<2,06	<32,1	3230 ± 260	<6,81	<9,35	15,0
26	2008/0969	<3,35	37,6 ± 18,8	4470 ± 350	<9,42	<12,8	17,7

Table 186 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zl. Moravce - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0991	<2,71	<48,0	4630 ± 380	<9,26	<12,7	17,9
28	2008/1073	<2,24	<37,4	4950 ± 390	<7,76	<10,4	18,8
29	2008/1097	<2,18	<38,3	3510 ± 280	<7,16	<10,3	23,2
30	2008/1112	<2,96	52,7 ± 18,1	3580 ± 280	<7,68	<9,81	16,8
31	2008/1180	<2,39	60,3 ± 20,3	5030 ± 400	12,8 ± 7,9	<10,7	27,5
32	2008/1195	<3,59	53,5 ± 20,9	5100 ± 390	<9,23	<13,0	23,9
33	2008/1222	<1,56	<25,7	4240 ± 330	<5,39	<7,46	17,9
34	2008/1247	<2,88	62,4 ± 18,1	3870 ± 300	<7,74	<10,4	27,9
35	2008/1293	<2,76	<43,3	3390 ± 280	<9,40	<12,6	19,5
36	2008/1370	<2,07	60,6 ± 18,2	3650 ± 290	<6,83	<8,85	30,5
37	2008/1408	<2,06	74,5 ± 18,9	5140 ± 400	<6,37	<8,71	41,8
38	2008/1423	<2,55	<42,9	2770 ± 240	<8,58	<11,7	20,0
39	2008/1510	<2,53	<40,1	1460 ± 140	<8,76	<12,1	13,4
40	2008/1527	<2,29	<31,2	3890 ± 460	<7,45	<10,0	26,2
41	2008/1563	1,61 ± 1,80	41,0 ± 23,7	2680 ± 220	<8,86	<11,3	13,9
42	2008/1583	<1,66	37,5 ± 17,7	1800 ± 150	<8,86	<11,7	32,7
43	2008/1605	<2,52	36,2 ± 13,2	2860 ± 230	8,26 ± 5,20	<9,15	29,6
44	2008/1653	<2,45	37,2 ± 14,1	2990 ± 240	<6,39	<9,06	36,3
45	2008/1726	<2,18	<32,8	3290 ± 260	<9,04	<12,3	25,4
46	2008/1751	<3,14	28,3 ± 13,0	3970 ± 320	12,5 ± 6,5	<11,2	36,4
47	2008/1766	<2,27	<31,0	2880 ± 340	<7,54	<9,89	34,0
48	2008/1843	<2,28	53,7 ± 20,8	1830 ± 220	<7,48	<10,1	17,8
49	2008/1883	<2,96	13,8 ± 12,1	2310 ± 190	12,7 ± 5,8	<10,2	15,4
50	2008/1903	<2,85	<30,9	1470 ± 130	<6,98	<9,86	16,2
51	2008/1948	<3,08	<35,3	2890 ± 240	<8,13	<12,0	14,4
52	2008/2065	<3,77	21,4 ± 14,7	1580 ± 147	<9,22	<13,7	13,9

Table 187 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2005/0015	<2,72	<2,58	32,6 ± 10,5	1510 ± 85	<12,2	<19,0	22,2
2	2005/0030	<2,25	<2,29	<22,7	1450 ± 83	<10,6	<16,0	26,1
3	2005/0051	<1,82	2,42 ± 0,89	<20,0	2100 ± 106	<8,40	<13,2	25,8
4	2005/0066	<2,27	<2,28	<23,3	1590 ± 84	<8,90	<13,1	17,8
5	2005/0135	<2,44	<2,33	<23,0	1590 ± 83	<11,3	<16,6	30,9
6	2005/0166	<2,52	<2,56	<32,7	4650 ± 226	<13,7	<19,7	51,4
7	2005/0200	<2,56	<2,63	<27,1	1150 ± 66	<13,0	<18,1	51,8
8	2005/0265	<1,72	<1,74	17,7 ± 6,6	1210 ± 60	<7,99	<11,5	26,1
9	2005/0280	<2,33	<2,51	47,3 ± 10,9	1750 ± 89	<12,2	<16,3	38,0
10	2005/0315	<2,29	<2,19	36,1 ± 11,2	2890 ± 141	<11,4	<16,6	31,8
11	2005/0342	<2,33	<2,44	36,4 ± 12,3	2710 ± 138	<11,5	<17,2	31,8
12	2005/0359	<2,63	<2,67	<28,2	4920 ± 235	<13,3	<17,5	34,8
13	2005/0387	<2,42	<2,57	<23,0	4330 ± 210	<11,7	<17,4	42,6
14	2005/0406	<2,11	3,10 ± 0,91	45,4 ± 9,8	6430 ± 296	16,1 ± 4,3	<14,3	68,3
15	2005/0438	<2,42	<2,37	22,7 ± 11,4	4950 ± 233	<11,4	<16,9	38,8
16	2005/0499	<1,90	<1,79	18,5 ± 6,5	1680 ± 81	21,6 ± 3,7	<12,0	29,8
17	2005/0565	<1,84	<1,74	27,2 ± 7,5	4290 ± 198	<8,43	<11,8	27,3
18	2005/0648	<2,06	<2,16	<23,7	4850 ± 229	<11,3	<16,3	32,7
19	2005/0675	<2,33	<2,16	35,6 ± 7,7	2930 ± 139	<9,92	<15,4	19,9
20	2005/0708	<2,22	<2,15	<23,5	2250 ± 113	<10,6	<16,2	19,9
21	2005/0762	<2,58	<2,38	<26,1	4490 ± 220	<12,1	<20,5	25,8
22	2005/0829	<2,20	<2,15	<25,2	5230 ± 246	<10,7	<17,0	41,7
23	2005/0868	<2,13	<2,21	25,8 ± 9,5	3990 ± 192	<10,8	<16,8	22,9
24	2005/0888	<2,15	<2,20	<23,2	4970 ± 232	<10,4	<15,2	21,8
25	2005/0920	<2,26	<2,11	<22,3	4660 ± 217	<10,0	<15,7	30,8
26	2005/1017	<2,42	<2,39	53,3 ± 12,4	5210 ± 253	<13,5	<19,3	23,7

Table 188 Aerosol activity (gamma spectrometry) - SDS Rybník, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Týždeň	Rádionuklid	Evidenčné číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
			[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]
27		2005/1037	<2,07	<1,96	<21,5	3510 ± 166	<9,52	<14,2	20,1
28		2005/1068	<2,43	<2,49	<26,2	3560 ± 171	<11,0	<14,1	26,8
29		2005/1086	<2,24	<2,29	<24,5	6480 ± 304	<11,2	<16,5	36,8
30		2005/1102	<2,12	<2,12	24,8 ± 9,3	3150 ± 151	<8,64	<14,6	34,9
31		2005/1174	<2,16	<2,06	<22,6	2770 ± 133	<10,3	<14,7	52,4
32		2005/1205	<2,17	<2,16	<22,7	1660 ± 84	<9,92	<13,7	14,9
33		2005/1253	<1,80	<1,85	<20,7	1930 ± 99	<9,46	<13,7	23,3
34		2005/1379	<2,38	<2,36	<26,8	2980 ± 146	<12,1	<17,6	22,4
35		2005/1394	<2,08	<1,92	<22,6	5330 ± 250	<10,6	<14,7	23,0
36		2005/1432	<1,94	<1,81	<20,2	4980 ± 231	<8,83	<12,9	29,6
37		2005/1453	<2,34	<2,15	59,4 ± 11,3	3890 ± 190	<11,2	<15,5	32,3
38		2005/1468	<1,79	<1,75	27,0 ± 6,6	1820 ± 88	<8,57	<13,2	14,8
39		2005/1531	<2,17	<2,08	<23,7	4370 ± 204	<10,4	<15,2	24,9
40		2005/1559	<2,05	<1,93	29,6 ± 9,9	3240 ± 154	<9,47	<12,9	22,8
41		2005/1603	<2,25	<2,18	37,6 ± 11,8	4380 ± 208	<11,6	<15,9	33,7
42		2005/1622	<2,18	<2,09	31,7 ± 9,7	2230 ± 109	<9,92	<14,9	25,8
43		2005/1643	<2,17	<2,05	<24,1	2270 ± 112	7,80 ± 4,04	<15,3	24,7
44		2005/1735	<2,15	<2,06	<23,1	3040 ± 146	<9,62	<15,1	38,8
45		2005/1789	<2,31	<2,38	<24,6	1630 ± 93	<12,5	<19,4	54,4
46		2005/1895	<2,26	<2,05	<21,8	1180 ± 64	<10,5	<15,4	47,4
47		2005/1910	<2,05	<1,97	23,1 ± 7,9	1240 ± 64	<9,01	<13,7	26,2
48		2005/2003	<2,19	<1,98	<21,1	1640 ± 82	<9,21	<13,9	23,8
49		2005/2041	<2,08	<1,89	<21,5	793 ± 46	<9,20	<14,3	21,9
50		2005/2067	<2,09	<2,16	<23,4	1940 ± 96	<9,49	<14,2	37,8
51		2005/2133	<1,91	<1,75	<18,7	1060 ± 54	<6,13	<8,67	17,9
52		2005/2148	<2,32	<2,14	<23,2	491 ± 33	<9,84	<14,4	24,8

Table 189 Aerosol activity (gamma spectrometry) - SDS Rybník, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2006/0016	<7,79	48,9 ± 15,0	720 ± 50	31,8 ± 11,2	<25,6	25,3
2	2006/0031	<4,80	<51,9	5170 ± 240	20,3 ± 6,0	<15,9	30,4
3	2006/0047	<3,83	<43,9	1770 ± 90	11,8 ± 4,5	<13,6	34,7
4	2006/0063	<3,51	<39,4	2900 ± 140	10,8 ± 4,1	<12,8	40,8
5	2006/0078	<4,47	<49,4	1890 ± 100	13,4 ± 5,7	<15,2	58,9
6	2006/0093	<3,85	<45,2	1240 ± 60	<9,42	<14,0	52,6
7	2006/0111	<4,02	<42,9	1620 ± 80	13,2 ± 4,3	<14,2	34,7
8	2006/0140	<3,99	<44,3	1970 ± 100	13,7 ± 4,8	<14,4	29,8
9	2006/0158	<3,56	<40,5	1810 ± 90	14,1 ± 3,9	<12,4	34,9
10	2006/0271	<3,58	<40,0	2950 ± 140	<8,54	<12,5	33,2
11	2006/0309	<3,46	<38,9	2050 ± 100	<8,05	<11,5	36,6
12	2006/0378	2,21 ± 0,81	43,3 ± 10,2	1980 ± 100	<12,0	<18,1	49,2
13	2006/0403	<3,97	<42,8	1960 ± 90	<9,66	<12,7	41,0
14	2006/0425	<6,74	<70,6	3400 ± 170	<16,0	<23,8	23,7
15	2006/0456	0,895 ± 0,477	<36,,0	4790 ± 220	<8,35	<11,7	31,6
16	2006/0521	<3,33	13,9 ± 7,4	3980 ± 190	<9,47	<12,2	26,4
17	2006/0544	<2,88	16,1 ± 6,4	4980 ± 230	<8,03	<10,3	38,1
18	2006/0605	<3,15	<37,6	3770 ± 180	<8,13	<11,9	31,5
19	2006/0655	2,03 ± 0,70	25,2 ± 7,3	6410 ± 290	<8,68	<12,1	47,5
20	2006/0692	<3,50	<39,8	5660 ± 260	<7,10	<13,0	40,0
21	2006/0720	<3,44	<38,0	5140 ± 240	<8,86	<12,1	38,4
22	2006/0787	<3,29	<38,0	3440 ± 160	<8,44	<11,2	21,3
23	2006/0804	<3,47	<38,9	2880 ± 140	<9,04	<12,6	16,1
24	2006/0823	<2,87	<32,7	4700 ± 220	<7,28	<9,25	23,7
25	2006/0858	<5,80	<62,7	5930 ± 280	<14,7	<20,7	39,8
26	2006/0874	<3,50	29,8 ± 7,5	5000 ± 230	<8,84	<13,1	38,0

Table 190 Aerosol activity (gamma spectrometry) - SDS Rybník, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2006/0941	<3,41	<37,6	5560 ± 260	<8,59	<11,7	24,5
28	2006/0977	<4,17	<42,5	7830 ± 360	<10,5	<14,6	29,8
29	2006/0992	<3,30	11,6 ± 6,3	6360 ± 290	<8,08	<11,9	23,1
30	2006/1118	<3,36	33,0 ± 8,9	7020 ± 320	<8,53	<12,4	47,6
31	2006/1145	<5,87	43,2 ± 10,1	5900 ± 280	<11,0	<21,7	44,0
32	2006/1164	<3,27	<38,7	2180 ± 100	<7,67	<12,3	16,4
33	2006/1182	<3,32	<38,7	2940 ± 140	<8,39	<12,4	20,4
34	2006/1203	<3,21	<33,8	4710 ± 220	<8,30	<12,0	27,2
35	2006/1286	<2,65	<31,6	3310 ± 150	<6,49	<9,85	18,7
36	2006/1333	<3,07	<32,1	3260 ± 150	<7,49	<11,5	23,1
37	2006/1365	<3,22	29,1 ± 7,2	3780 ± 180	<7,51	<10,6	25,5
38	2006/1383	<3,36	<35,7	5370 ± 250	<7,46	<11,9	30,6
39	2006/1401	<3,19	<37,0	4920 ± 230	<7,58	<11,6	28,9
40	2006/1496	<3,42	<39,8	4690 ± 220	<7,69	<13,1	41,4
41	2006/1514	<3,47	<38,5	3670 ± 170	<7,98	<12,1	22,2
42	2006/1588	<3,36	34,7 ± 7,8	4360 ± 200	16,6 ± 4,7	<12,5	43,3
43	2006/1673	<5,26	<59,2	3080 ± 150	9,83 ± 4,84	<19,0	35,0
44	2006/1688	<3,40	<39,5	5040 ± 230	13,5 ± 3,7	<12,5	26,1
45	2006/1729	<3,69	20,4 ± 7,8	4160 ± 190	15,7 ± 4,3	<12,9	24,8
46	2006/1752	<3,47	<37,3	1700 ± 80	7,34 ± 3,87	<12,3	24,8
47	2006/1779	<3,38	<36,5	1570 ± 80	11,4 ± 3,3	<11,7	48,4
48	2006/1895	<3,53	33,4 ± 8,1	1510 ± 70	7,95 ± 4,08	<13,5	36,4
49	2006/1913	<3,32	<36,1	1840 ± 90	9,24 ± 3,40	<12,2	41,1
50	2006/1928	<3,26	<37,6	1080 ± 60	<7,24	<12,0	27,0
51	2006/1943	<3,48	<40,2	1530 ± 70	10,3 ± 3,5	<12,1	32,4
52	2006/1976	<9,54	<38,0	1540 ± 80	7,08 ± 4,08	<12,3	38,2

Table 191 Aerosol activity (gamma spectrometry) - SDS Rybník, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2007/0017	<3,48	34,6 ± 8,2	1350 ± 70	<8,27	<12,6	31,4
2	2007/0030	<3,75	<41,6	1260 ± 70	<10,3	<14,0	14,8
3	2007/0050	<5,00	<58,6	2130 ± 110	9,13 ± 5,78	<18,0	21,3
4	2007/0089	<5,06	<62,7	2440 ± 120	<13,0	<19,2	21,1
5	2007/0132	<3,71	28,9 ± 8,0	1570 ± 80	7,47 ± 4,15	<13,5	19,6
6	2007/0166	<3,28	<38,4	1260 ± 60	<8,01	<12,7	18,7
7	2007/0181	<3,47	24,7 ± 7,1	1480 ± 70	<8,28	<13,1	18,7
8	2007/0198	<3,73	<38,8	1520 ± 80	<8,57	<12,7	22,9
9	2007/0214	<3,49	28,0 ± 8,4	2210 ± 110	<8,33	<12,3	29,7
10	2007/0282	<3,60	<39,0	1850 ± 90	<7,89	<12,0	17,9
11	2007/0302	<3,67	<39,6	2220 ± 110	<8,63	<12,9	28,8
12	2007/0337	<3,81	18,8 ± 7,6	2220 ± 110	16,4 ± 4,4	<13,7	42,7
13	2007/0419	<3,58	63,2 ± 14,9	2830 ± 130	<8,46	<8,98	32,6
14	2007/0436	<2,88	28,6 ± 7,5	4060 ± 190	<6,45	<9,94	41,8
15	2007/0461	<4,18	<47,2	3180 ± 150	12,5 ± 4,4	<14,6	35,5
16	2007/0492	<3,49	26,9 ± 9,1	4280 ± 200	14,0 ± 4,7	<13,2	38,4
17	2007/0507	<2,82	<33,8	4040 ± 190	17,3 ± 3,8	<9,61	34,2
18	2007/0576	<3,48	<38,1	4250 ± 200	<8,57	<11,5	34,8
19	2007/0591	<3,31	21,7 ± 7,4	2890 ± 140	<8,77	<13,0	25,6
20	2007/0636	<5,49	<57,5	2590 ± 130	<12,8	<19,3	20,7
21	2007/0661	<3,07	19,2 ± 8,2	2950 ± 140	24,5 ± 4,2	<10,9	31,3
22	2007/0739	<4,14	27,6 ± 11,2	3560 ± 170	12,2 ± 5,2	<14,1	35,9
23	2007/0787	<3,95	<42,9	1860 ± 90	19,4 ± 5,0	<14,7	18,9
24	2007/0803	<3,54	18,9 ± 7,7	4510 ± 210	<8,51	<12,9	24,6
25	2007/0836	<5,42	<62,0	3340 ± 170	<12,8	<19,0	30,7
26	2007/0851	<4,48	<50,3	2890 ± 140	<11,5	<17,4	25,8

Table 192 Aerosol activity (gamma spectrometry) - SDS Rybník, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2007/0935	<3,90	<46,6	2740 ± 130	<10,3	<13,6	20,4
28	2007/0952	<4,02	20,2 ± 7,7	2580 ± 130	<10,7	<14,0	17,9
29	2007/1027	<4,06	<45,1	3050 ± 150	<11,1	<15,6	20,9
30	2007/1102	<3,75	21,5 ± 7,5	4350 ± 200	<8,98	<12,5	48,3
31	2007/1132	<3,38	<39,3	3110 ± 150	<8,45	<11,5	23,9
32	2007/1165	<3,58	35,8 ± 9,2	2880 ± 140	<8,42	<12,2	55,2
33	2007/1180	<3,70	<38,4	3190 ± 150	<9,49	<13,1	28,2
34	2007/1248	<4,03	36,4 ± 8,2	3520 ± 170	<10,3	<13,7	30,0
35	2007/1263	<3,58	<38,5	3380 ± 160	<9,07	<12,9	27,1
36	2007/1297	<3,20	<30,0	2750 ± 130	<7,82	<10,2	19,4
37	2007/1316	<5,13	<52,7	1120 ± 70	<13,8	<17,2	11,2
38	2007/1364	<4,06	<44,4	3730 ± 180	<11,0	<13,7	25,8
39	2007/1432	<3,99	<46,0	3660 ± 170	<10,4	<14,2	27,1
40	2007/1459	<3,14	33,2 ± 8,8	2790 ± 130	<8,02	<10,9	21,4
41	2007/1500	<5,86	51,8 ± 13,5	2290 ± 120	<14,5	<22,1	31,4
42	2007/1520	<3,49	79,6 ± 10,5	2400 ± 120	<8,35	<12,4	52,9
43	2007/1553	<5,14	55,4 ± 14,7	1600 ± 90	<13,7	<19,2	26,3
44	2007/1640	<5,19	<71,0	888 ± 55	<14,0	<19,5	25,3
45	2007/1664	<3,60	<42,7	1240 ± 60	<8,80	<12,0	17,0
46	2007/1739	<3,20	52,2 ± 9,2	823 ± 44	<7,86	<11,5	10,2
47	2007/1810	<3,55	49,6 ± 10,7	788 ± 45	<8,69	<11,2	21,3
48	2007/1858	<3,35	59,8 ± 11,1	1810 ± 90	<8,83	<12,2	29,7
49	2007/1873	<4,41	43,4 ± 11,4	1840 ± 90	<11,5	<15,5	29,8
50	2007/1916	<4,81	<59,0	813 ± 53	<12,7	<18,4	23,8
51	2007/1960	<4,91	50,6 ± 10,7	1590 ± 90	<12,3	<17,5	36,4
52	2007/1975	<3,87	49,0 ± 9,0	2450 ± 120	<9,66	<14,3	40,3

Table 193 Aerosol activity (gamma spectrometry) - SDS Rybník , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
1	2008/0015	<4,29	71,0 ± 23,9	1410 ± 130	<9,04	<15,2	31,5
2	2008/0031	<3,49	51,7 ± 18,0	1740 ± 150	<8,53	<12,0	24,9
3	2008/0046	<3,47	52,1 ± 17,5	2000 ± 170	<8,75	<12,4	24,7
4	2008/0061	<2,99	<47,3	2210 ± 200	<9,91	<11,8	21,2
5	2008/0131	<3,40	<48,8	2150 ± 190	<8,86	<13,1	22,1
6	2008/0146	<1,83	51,3 ± 16,3	2730 ± 220	<6,40	<8,05	28,9
7	2008/0173	<2,11	<36,4	2040 ± 170	<8,23	<9,23	29,7
8	2008/0243	<2,00	50,9 ± 17,7	3040 ± 240	<7,18	<8,58	34,9
9	2008/0310	<2,44	44,4 ± 19,9	3430 ± 280	<8,00	<10,6	38,2
10	2008/0339	<1,97	57,2 ± 16,9	4160 ± 330	<8,29	<8,68	21,9
11	2008/0379	<1,76	<28,9	3440 ± 270	<5,88	<8,82	27,2
12	2008/0408	<1,91	<31,8	2930 ± 240	<6,43	<8,88	15,4
13	2008/0424	<2,87	<45,1	1850 ± 170	<9,10	<13,0	16,9
14	2008/0510	1,20 ± 1,11	46,9 ± 16,4	4520 ± 350	<8,67	<10,6	24,9
15	2008/0529	<1,79	<29,9	2550 ± 210	<6,47	<7,80	24,9
16	2008/0546	<1,90	54,3 ± 15,4	3250 ± 260	<5,92	<7,88	29,6
17	2008/0617	<3,93	50,2 ± 23,4	2120 ± 190	<10,4	<14,8	17,9
18	2008/0635	<3,80	34,2 ± 20,0	5310 ± 420	<10,7	<14,6	24,6
19	2008/0654	<3,32	49,1 ± 20,2	2690 ± 210	<8,52	<12,0	25,5
20	2008/0677	<2,82	<48,3	4160 ± 340	<9,24	<12,6	30,6
21	2008/0711	<1,83	59,2 ± 17,0	3640 ± 290	<6,45	<7,97	24,7
22	2008/0789	<3,58	52,1 ± 18,6	1920 ± 160	<9,19	<12,9	24,6
23	2008/0812	<2,23	<42,5	6300 ± 500	<7,30	<11,0	31,5
24	2008/0857	<3,95	43,8 ± 20,4	4170 ± 340	<10,9	<14,5	22,4
25	2008/0874	<1,81	<29,2	2960 ± 240	<7,11	<8,29	19,0
26	2008/0970	<2,97	57,7 ± 18,4	3830 ± 300	<8,08	<10,8	18,6

Table 194 Aerosol activity (gamma spectrometry) - SDS Rybník, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - gamaspektrometria)

Rádionuklid Týždeň	Evidenčné číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Prašnosť
		[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μBq/m ³]	[μg/m ³]
27	2008/0992	<1,73	<29,0	4410 ± 350	<6,15	<8,20	27,2
28	2008/1074	<2,83	<41,1	4490 ± 370	<8,20	<12,6	20,4
29	2008/1098	<2,68	<50,0	3650 ± 310	<8,91	<12,5	28,1
30	2008/1113	<2,78	58,0 ± 16,7	3410 ± 270	7,11 ± 6,35	<9,79	16,9
31	2008/1181	<2,23	<40,8	4200 ± 340	<6,94	<9,85	43,7
32	2008/1196	<3,35	60,9 ± 19,7	4350 ± 340	<8,75	<12,1	37,1
33	2008/1223	<2,85	<43,7	4130 ± 340	<9,91	<12,7	22,1
34	2008/1248	<2,78	46,1 ± 16,0	3760 ± 290	9,75 ± 6,19	<9,22	25,6
35	2008/1294	<2,40	<38,4	3230 ± 260	<7,81	<9,92	23,0
36	2008/1371	<2,96	<52,2	3300 ± 280	<9,58	<12,2	25,4
37	2008/1409	<2,77	43,6 ± 22,5	5080 ± 400	<9,46	<12,3	39,8
38	2008/1424	<2,21	<42,8	2780 ± 240	<8,65	<11,2	17,1
39	2008/1511	<2,43	<39,4	1150 ± 120	<9,05	<11,4	14,1
40	2008/1528	<2,33	<36,2	3590 ± 290	13,3 ± 6,7	<10,3	19,5
41	2008/1564	<2,25	<32,9	2040 ± 180	<8,50	<11,4	13,9
42	2008/1584	<1,60	42,8 ± 17,1	1670 ± 140	<8,48	<11,3	28,8
43	2008/1606	<2,74	43,5 ± 13,4	2620 ± 210	12,6 ± 5,7	<9,51	29,6
44	2008/1654	<2,26	114 ± 23	2430 ± 290	<7,37	<9,99	32,3
45	2008/1727	<2,25	<33,5	3270 ± 260	<8,84	<13,0	21,7
46	2008/1752	<2,54	21,8 ± 12,4	3430 ± 270	11,2 ± 5,7	<9,37	32,1
47	2008/1767	<2,26	<31,2	2530 ± 300	<7,82	<10,0	32,1
48	2008/1844	<2,24	64,7 ± 20,5	1580 ± 190	<8,10	<10,1	17,0
49	2008/1884	<2,85	21,4 ± 12,1	1970 ± 160	15,4 ± 7,0	<9,92	16,2
50	2008/1904	<3,33	<37,8	1400 ± 130	<8,35	<11,8	17,0
51	2008/1949	<3,37	<34,8	2480 ± 210	<8,25	<12,2	15,3
52	2008/2066	<3,75	<42,5	1540 ± 140	<9,15	<14,0	13,9

Table 195 Aerosol activity (gamma spectrometry) - SDS Rybník , 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/1	309	± 48	27	2005/1023	220	± 34
2	2005/16	448	± 60	28	2005/1054	311	± 46
3	2005/37	321	± 47	29	2005/1072	395	± 56
4	2005/52	75	± 14	30	2005/1088	267	± 40
5	2005/121	343	± 49	31	2005/1160	574	± 76
6	2005/152	661	± 83	32	2005/1191	115	± 20
7	2005/186	642	± 85	33	2005/1239	264	± 39
8	2005/251	413	± 57	34	2005/1365	376	± 55
9	2005/266	318	± 48	35	2005/1380	426	± 61
10	2005/301	367	± 52	36	2005/1418	427	± 58
11	2005/328	225	± 35	37	2005/1439	893	± 113
12	2005/345	337	± 50	38	2005/1454	275	± 40
13	2005/373	438	± 58	39	2005/1517	784	± 99
14	2005/392	427	± 61	40	2005/1545	696	± 89
15	2005/424	335	± 49	41	2005/1589	951	± 116
16	2005/485	404	± 57	42	2005/1608	466	± 64
17	2005/551	326	± 47	43	2005/1629	552	± 74
18	2005/634	312	± 46	44	2005/1721	506	± 69
19	2005/661	172	± 28	45	2005/1775	1062	± 128
20	2005/694	231	± 36	46	2005/1881	1092	± 134
21	2005/748	233	± 36	47	2005/1896	263	± 39
22	2005/815	399	± 56	48	2005/1989	377	± 54
23	2005/854	215	± 34	49	2005/2027	314	± 46
24	2005/874	342	± 49	50	2005/2053	473	± 65
25	2005/906	326	± 47	51	2005/2119	176	± 29
26	2005/1003	298	± 44	52	2005/2134	219	± 33

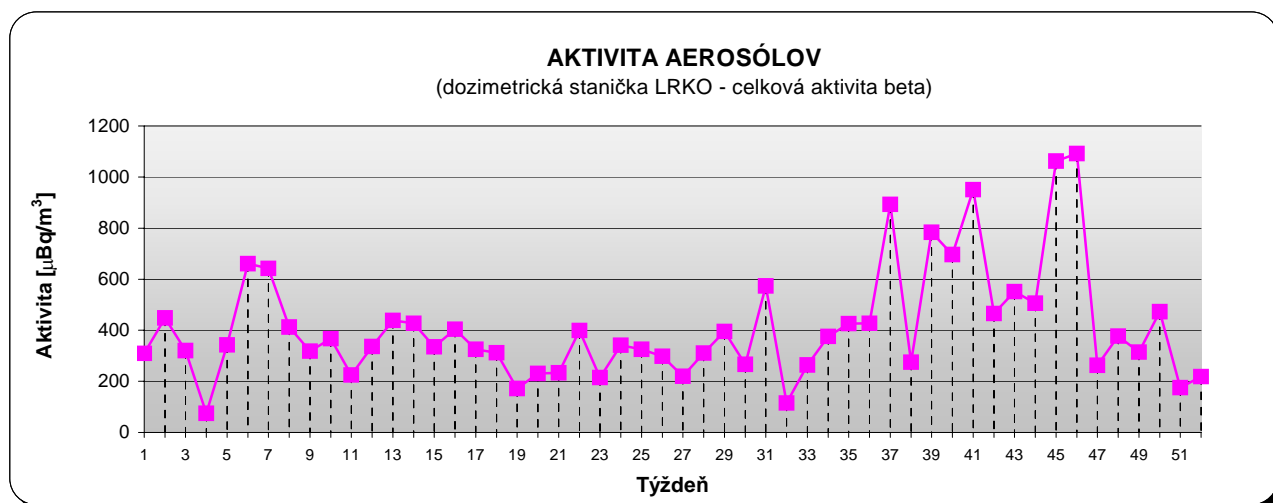


Table 196 Gross beta activity of aerosols - SDS ERML, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

284

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/2	459	± 65	27	2006/927	296	± 42
2	2006/17	550	± 75	28	2006/963	426	± 59
3	2006/33	589	± 78	29	2006/978	342	± 48
4	2006/49	856	± 104	30	2006/1104	575	± 74
5	2006/64	1002	± 125	31	2006/1131	546	± 71
6	2006/79	862	± 107	32	2006/1150	189	± 29
7	2006/97	447	± 62	33	2006/1168	185	± 29
8	2006/126	372	± 53	34	2006/1189	416	± 57
9	2006/144	259	± 39	35	2006/1272	237	± 36
10	2006/257	177	± 28	36	2006/1319	207	± 32
11	2006/295	306	± 44	37	2006/1351	273	± 40
12	2006/364	515	± 68	38	2006/1369	486	± 64
13	2006/398	334	± 47	39	2006/1387	566	± 73
14	2006/411	179	± 28	40	2006/1482	1037	± 123
15	2006/442	245	± 37	41	2006/1500	272	± 40
16	2006/507	222	± 34	42	2006/1574	557	± 72
17	2006/530	388	± 54	43	2006/1659	547	± 70
18	2006/591	291	± 42	44	2006/1674	399	± 55
19	2006/641	404	± 55	45	2006/1715	264	± 40
20	2006/678	350	± 49	46	2006/1738	339	± 48
21	2006/722	297	± 43	47	2006/1765	716	± 89
22	2006/773	180	± 28	48	2006/1881	657	± 83
23	2006/790	156	± 25	49	2006/1899	1049	± 124
24	2006/809	227	± 34	50	*	*	*
25	2006/844	428	± 59	51	*	*	*
26	2006/860	431	± 59	52	2006/1962	378	± 54

* Porucha odberového zariadenia

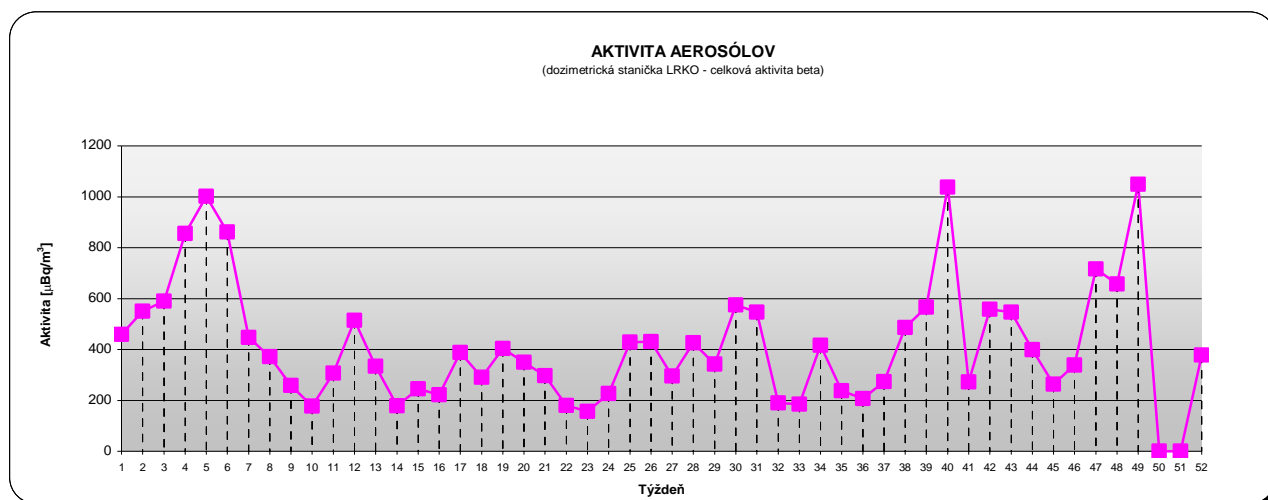


Table 197 Gross beta activity of aerosols - SDS ERML, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

285

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/3	441	± 59	27	2007/921	367	± 49
2	2007/18	198	± 31	28	2007/938	329	± 44
3	2007/36	194	± 30	29	2007/1013	204	± 31
4	2007/75	250	± 37	30	2007/1088	371	± 49
5	2007/118	156	± 25	31	2007/1118	149	± 23
6	2007/152	277	± 40	32	2007/1151	411	± 54
7	2007/167	136	± 22	33	2007/1166	332	± 45
8	2007/184	210	± 32	34	2007/1234	243	± 35
9	2007/200	292	± 42	35	2007/1249	300	± 41
10	2007/268	172	± 27	36	2007/1283	514	± 63
11	2007/288	171	± 27	37	2007/1302	282	± 38
12	2007/323	162	± 26	38	2007/1350	429	± 57
13	2007/405	158	± 24	39	2007/1418	253	± 36
14	2007/422	336	± 45	40	2007/1445	446	± 58
15	2007/447	186	± 29	41	2007/1486	288	± 40
16	2007/478	303	± 42	42	2007/1506	265	± 37
17	2007/493	55	± 10	43	2007/1539	188	± 28
18	2007/562	225	± 32	44	2007/1626	275	± 38
19	2007/577	189	± 28	45	2007/1650	99	± 16
20	2007/622	128	± 20	46	2007/1725	158	± 24
21	2007/647	286	± 40	47	2007/1796	244	± 35
22	2007/725	322	± 44	48	2007/1844	397	± 54
23	2007/773	147	± 23	49	2007/1859	200	± 29
24	2007/789	348	± 47	50	2007/1902	135	± 21
25	2007/822	251	± 36	51	2007/1946	230	± 32
26	2007/837	174	± 26	52	2007/1961	440	± 56

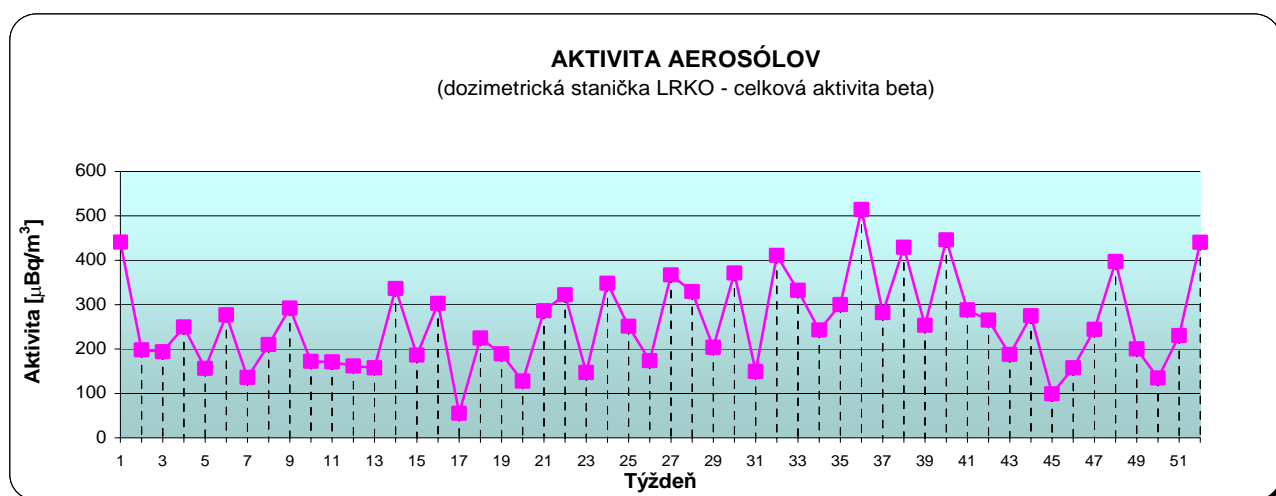


Table 198 Gross beta activity of aerosols - SDS ERML, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

286

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/1	456	± 63	27	2008/978	220	± 19
2	2008/17	388	± 56	28	2008/1060	504	± 43
3	2008/32	306	± 45	29	2008/1084	316	± 27
4	2008/47	260	± 39	30	2008/1099	218	± 19
5	2008/117	144	± 24	31	2008/1168	224	± 19
6	2008/132	216	± 33	32	2008/1182	270	± 23
7	2008/159	208	± 32	33	2008/1209	198	± 17
8	2008/229	223	± 19	34	2008/1234	274	± 24
9	2008/296	257	± 22	35	2008/1280	327	± 28
10	2008/325	164	± 14	36	2008/1357	252	± 22
11	2008/365	185	± 16	37	2008/1395	733	± 63
12	2008/394	235	± 20	38	2008/1410	195	± 17
13	2008/410	128	± 11	39	2008/1497	120	± 10
14	2008/496	229	± 20	40	2008/1514	376	± 32
15	2008/515	152	± 13	41	2008/1550	156	± 13
16	2008/532	252	± 22	42	2008/1570	351	± 30
17	2008/603	139	± 12	43	2008/1592	356	± 31
18	2008/621	253	± 22	44	2008/1640	374	± 32
19	2008/640	181	± 16	45	2008/1713	381	± 33
20	2008/663	180	± 16	46	2008/1738	447	± 38
21	2008/697	226	± 19	47	2008/1753	360	± 31
22	2008/775	192	± 16	48	2008/1830	200	± 17
23	2008/798	307	± 26	49	2008/1870	193	± 17
24	2008/843	288	± 25	50	2008/1890	159	± 14
25	2008/860	175	± 15	51	2008/1935	238	± 20
26	2008/956	272	± 23	52	2008/2052	164	± 14

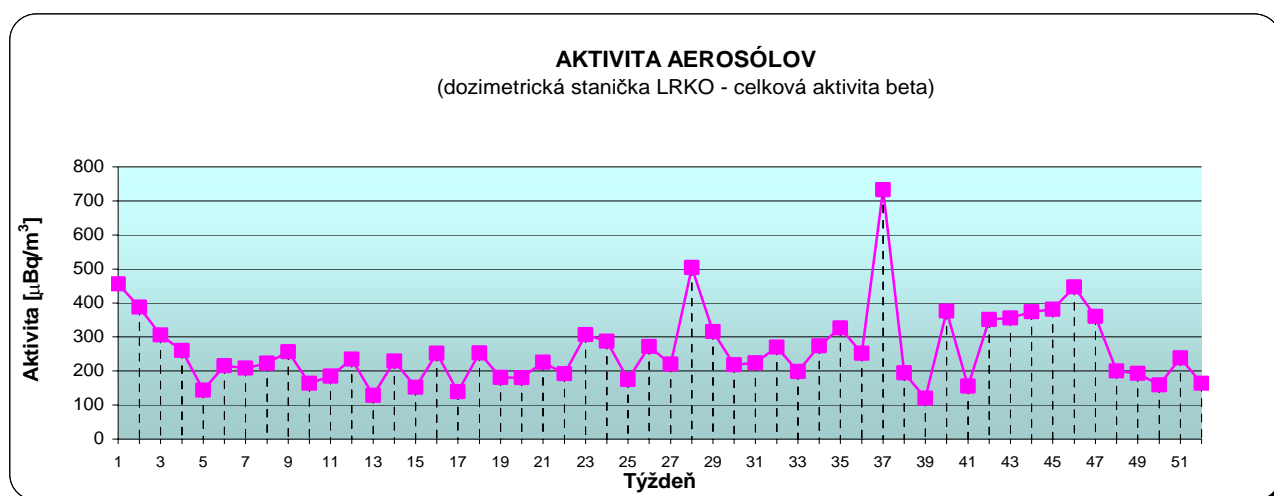


Table 199 Gross beta activity of aerosols - SDS ERML, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

287

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/2	418	± 62	27	2005/1024	231	± 36
2	2005/17	401	± 55	28	2005/1055	337	± 49
3	2005/38	335	± 48	29	2005/1073	402	± 57
4	2005/53	0	± 0	30	2005/1089	337	± 49
5	2005/122	168	± 27	31	2005/1161	347	± 51
6	2005/153	625	± 80	32	2005/1192	76	± 14
7	2005/187	671	± 90	33	2005/1240	267	± 40
8	2005/252	344	± 49	34	2005/1366	358	± 53
9	2005/267	289	± 45	35	2005/1381	425	± 61
10	2005/302	341	± 50	36	2005/1419	483	± 65
11	2005/329	225	± 35	37	2005/1440	825	± 107
12	2005/346	382	± 56	38	2005/1455	295	± 43
13	2005/374	441	± 59	39	2005/1518	708	± 92
14	2005/393	484	± 69	40	2005/1546	638	± 84
15	2005/425	357	± 52	41	2005/1590	952	± 118
16	2005/486	491	± 67	42	2005/1609	526	± 72
17	2005/552	371	± 53	43	2005/1630	453	± 63
18	2005/635	341	± 50	44	2005/1722	533	± 73
19	2005/662	136	± 23	45	2005/1776	1076	± 131
20	2005/695	319	± 47	46	2005/1882	949	± 121
21	2005/749	253	± 39	47	2005/1897	309	± 45
22	2005/816	419	± 59	48	2005/1990	268	± 41
23	2005/855	178	± 29	49	2005/2028	257	± 40
24	2005/875	320	± 47	50	2005/2054	516	± 70
25	2005/907	327	± 48	51	2005/2120	143	± 24
26	2005/1004	299	± 45	52	2005/2135	258	± 39

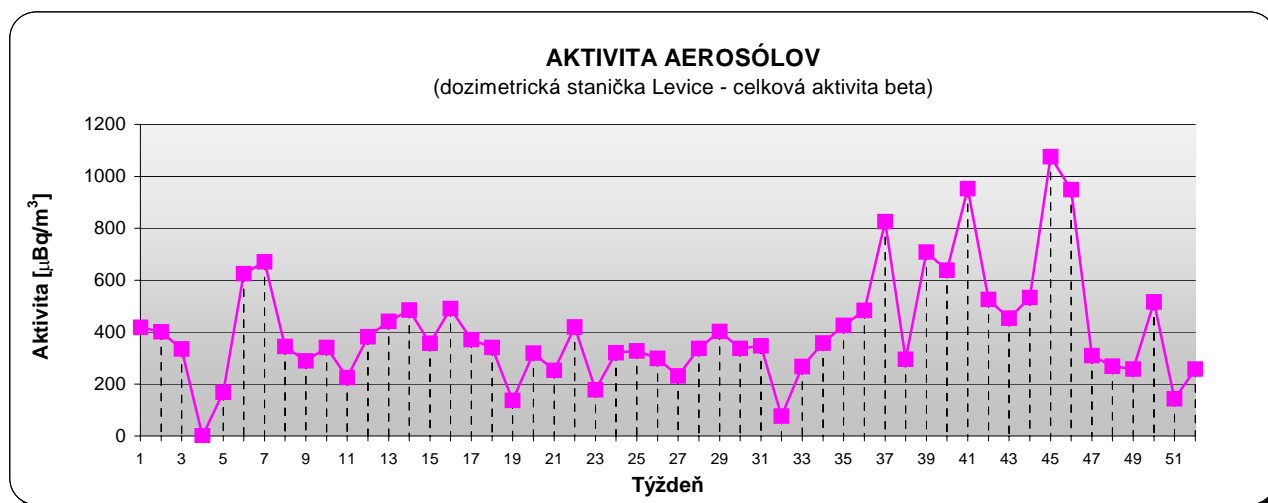


Table 200 Gross beta activity of aerosols - SDS Levice, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

288

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/3	383	± 56	27	2006/928	301	± 43
2	2006/18	518	± 73	28	2006/964	542	± 73
3	2006/34	630	± 83	29	2006/979	368	± 52
4	2006/50	840	± 104	30	2006/1105	580	± 76
5	2006/65	837	± 108	31	2006/1132	577	± 76
6	2006/80	731	± 94	32	2006/1151	166	± 27
7	2006/98	370	± 53	33	2006/1169	255	± 38
8	2006/127	283	± 43	34	2006/1190	372	± 52
9	2006/145	279	± 41	35	2006/1273	281	± 42
10	2006/258	223	± 34	36	2006/1320	245	± 37
11	2006/296	297	± 44	37	2006/1352	317	± 46
12	2006/365	477	± 64	38	2006/1370	415	± 57
13	2006/390	295	± 43	39	2006/1388	589	± 77
14	2006/412	153	± 25	40	2006/1483	979	± 118
15	2006/443	264	± 40	41	2006/1501	291	± 43
16	2006/508	172	± 28	42	2006/1575	509	± 68
17	2006/531	372	± 52	43	2006/1660	527	± 69
18	2006/592	299	± 44	44	2006/1675	425	± 58
19	2006/642	430	± 59	45	2006/1716	244	± 38
20	2006/679	317	± 46	46	2006/1739	295	± 43
21	2006/721	282	± 42	47	2006/1766	719	± 91
22	2006/774	131	± 22	48	2006/1882	620	± 80
23	2006/791	117	± 20	49	2006/1900	1157	± 137
24	2006/810	218	± 33	50	2006/1915	540	± 71
25	2006/845	440	± 62	51	2006/1930	687	± 87
26	2006/861	449	± 61	52	2006/1963	410	± 56

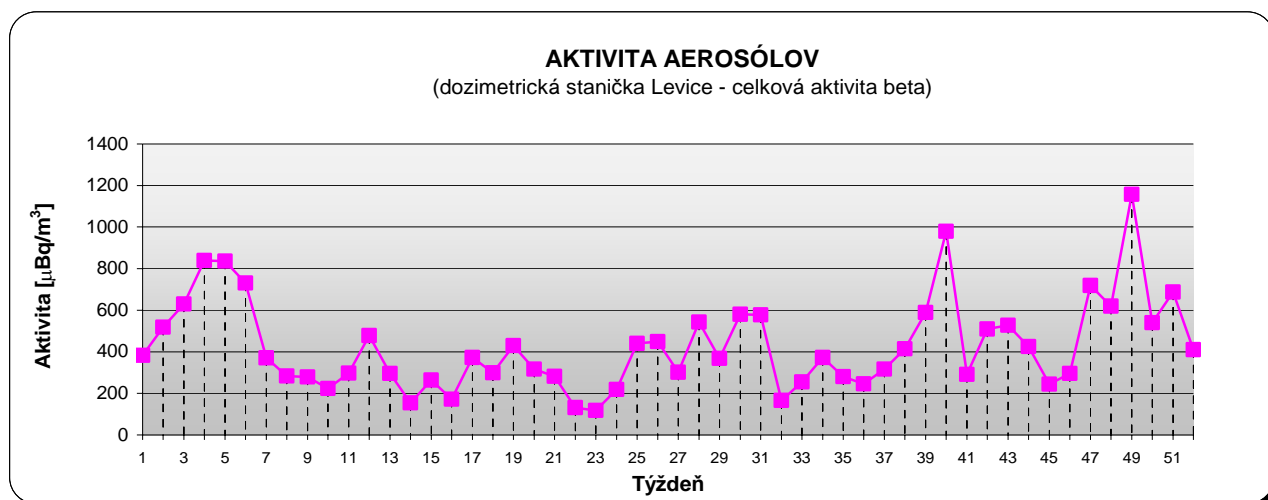


Table 201 Gross beta activity of aerosols - SDS Levice, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

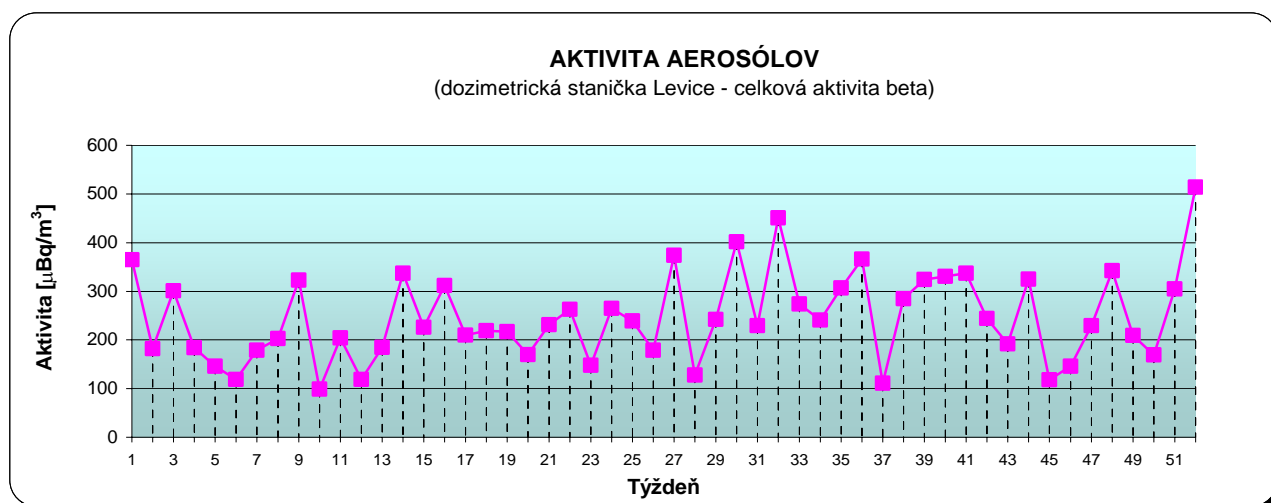
289

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/4	365	± 51	27	2007/922	374	± 53
2	2007/19	182	± 29	28	2007/939	128	± 22
3	2007/37	301	± 50	29	2007/1014	242	± 38
4	2007/76	184	± 29	30	2007/1089	402	± 56
5	2007/119	146	± 24	31	2007/1119	229	± 35
6	2007/153	119	± 20	32	2007/1152	451	± 62
7	2007/168	179	± 28	33	2007/1167	274	± 41
8	2007/185	203	± 31	34	2007/1235	241	± 38
9	2007/201	323	± 46	35	2007/1250	307	± 45
10	2007/269	99	± 17	36	2007/1284	366	± 51
11	2007/289	204	± 32	37	2007/1303	111	± 19
12	2007/324	119	± 20	38	2007/1351	285	± 44
13	2007/406	185	± 30	39	2007/1419	324	± 47
14	2007/423	337	± 49	40	2007/1446	331	± 48
15	2007/448	226	± 35	41	2007/1487	337	± 47
16	2007/479	312	± 46	42	2007/1507	244	± 39
17	2007/494	210	± 33	43	2007/1540	192	± 31
18	2007/563	219	± 34	44	2007/1627	325	± 47
19	2007/578	217	± 34	45	2007/1651	118	± 21
20	2007/623	170	± 28	46	2007/1726	146	± 24
21	2007/648	231	± 36	47	2007/1797	229	± 36
22	2007/726	263	± 40	48	2007/1845	342	± 51
23	2007/774	148	± 25	49	2007/1860	209	± 33
24	2007/790	265	± 40	50	2007/1903	169	± 27
25	2007/823	239	± 37	51	2007/1947	305	± 44
26	2007/838	179	± 29	52	2007/1962	514	± 68

Table 202 Gross beta activity of aerosols - SDS Levice, 2007**Správa o kontrole rádioaktivity v okolí SE-EMO**

290

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/2	406	± 58	27	2008/979	208	± 18
2	2008/18	469	± 66	28	2008/1061	191	± 16
3	2008/33	281	± 42	29	2008/1085	324	± 28
4	2008/48	221	± 34	30	2008/1100	162	± 14
5	2008/118	138	± 23	31	2008/1169	222	± 19
6	2008/133	250	± 38	32	2008/1183	265	± 23
7	2008/160	204	± 32	33	2008/1210	217	± 19
8	2008/230	264	± 23	34	2008/1235	208	± 18
9	2008/297	218	± 19	35	2008/1281	243	± 21
10	2008/326	139	± 12	36	2008/1358	205	± 18
11	2008/366	159	± 14	37	2008/1396	463	± 40
12	2008/395	142	± 12	38	2008/1411	238	± 20
13	2008/411	102	± 9	39	2008/1498	159	± 14
14	2008/497	204	± 18	40	2008/1515	370	± 32
15	2008/516	118	± 10	41	2008/1551	253	± 22
16	2008/533	190	± 16	42	2008/1571	319	± 27
17	2008/604	129	± 11	43	2008/1593	368	± 32
18	2008/622	218	± 19	44	2008/1641	354	± 30
19	2008/641	136	± 12	45	2008/1714	377	± 32
20	2008/664	170	± 15	46	2008/1739	478	± 41
21	2008/698	223	± 19	47	2008/1754	328	± 28
22	2008/776	168	± 14	48	2008/1831	130	± 11
23	2008/799	326	± 28	49	2008/1871	181	± 16
24	2008/844	200	± 17	50	2008/1891	157	± 13
25	2008/861	152	± 13	51	2008/1936	211	± 18
26	2008/957	238	± 21	52	2008/2053	176	± 15

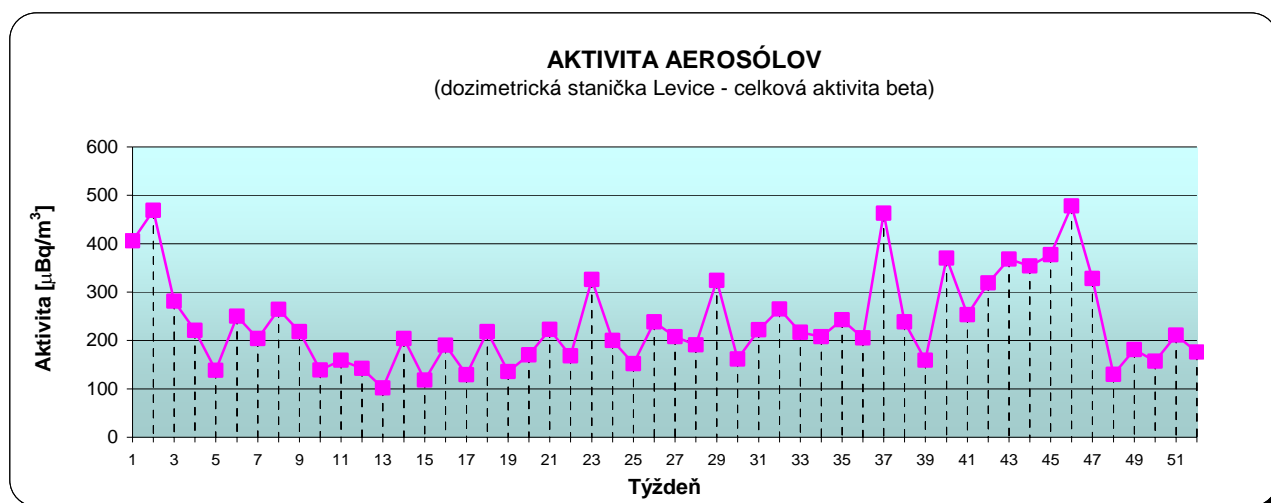


Table 203 Gross beta activity of aerosols - SDS Levice, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

291

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/3	248	± 40	27	2005/1025	211	± 33
2	2005/18	380	± 52	28	2005/1056	251	± 38
3	2005/39	335	± 48	29	2005/1074	415	± 58
4	2005/54	131	± 22	30	2005/1090	288	± 43
5	2005/123	268	± 40	31	2005/1162	632	± 82
6	2005/154	656	± 83	32	2005/1193	119	± 20
7	2005/188	634	± 84	33	2005/1241	252	± 38
8	2005/253	321	± 46	34	2005/1367	381	± 56
9	2005/268	269	± 42	35	2005/1382	411	± 59
10	2005/303	373	± 53	36	2005/1420	444	± 60
11	2005/330	231	± 36	37	2005/1441	568	± 77
12	2005/347	380	± 54	38	2005/1456	277	± 41
13	2005/375	453	± 62	39	2005/1519	781	± 99
14	2005/394	520	± 70	40	2005/1547	718	± 92
15	2005/426	354	± 51	41	2005/1591	955	± 117
16	2005/487	408	± 57	42	2005/1610	516	± 70
17	2005/553	296	± 44	43	2005/1631	473	± 65
18	2005/636	326	± 47	44	2005/1723	565	± 75
19	2005/663	148	± 24	45	2005/1777	964	± 118
20	2005/696	257	± 39	46	2005/1883	889	± 113
21	2005/750	228	± 35	47	2005/1898	224	± 34
22	2005/817	402	± 56	48	2005/1991	364	± 52
23	2005/856	190	± 30	49	2005/2029	321	± 47
24	2005/876	353	± 51	50	2005/2055	468	± 64
25	2005/908	322	± 47	51	2005/2121	160	± 26
26	2005/1005	251	± 38	52	2005/2136	225	± 34

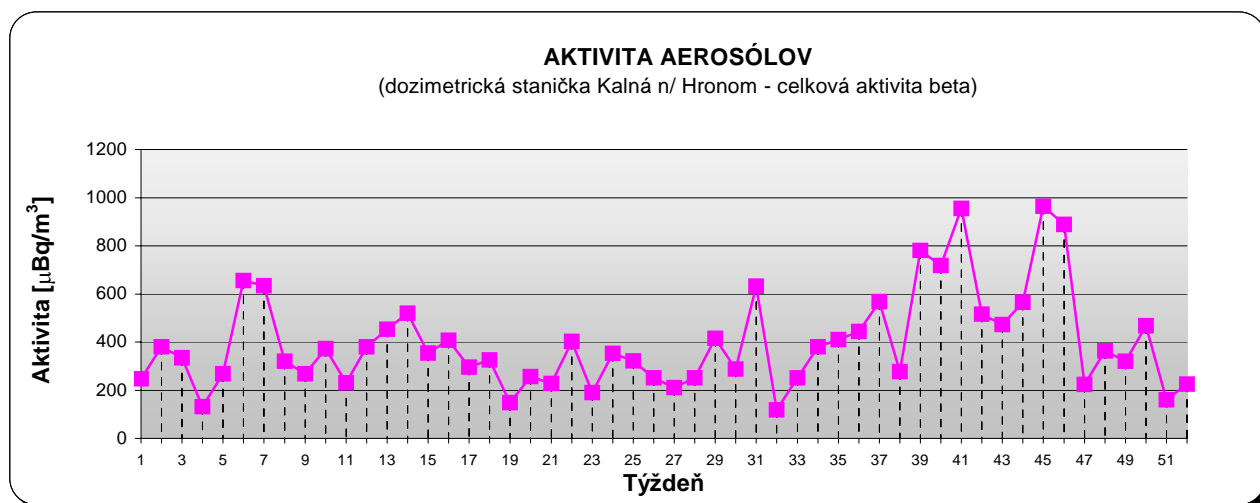


Table 204 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita	Týždeň	Evidenčné číslo protokolu	Aktivita
		[$\mu\text{Bq}/\text{m}^3$]			[$\mu\text{Bq}/\text{m}^3$]
1	2006/4	459 ± 65	27	2006/929	285 ± 40
2	2006/19	664 ± 88	28	2006/965	462 ± 64
3	2006/35	608 ± 80	29	2006/980	363 ± 51
4	2006/51	923 ± 112	30	2006/1106	581 ± 75
5	2006/66	903 ± 114	31	2006/1133	568 ± 74
6	2006/81	695 ± 89	32	2006/1152	180 ± 28
7	2006/99	350 ± 51	33	2006/1170	192 ± 30
8	2006/128	245 ± 37	34	2006/1191	367 ± 51
9	2006/146	256 ± 38	35	2006/1274	228 ± 35
10	2006/259	235 ± 35	36	2006/1321	218 ± 33
11	2006/297	272 ± 40	37	2006/1353	293 ± 42
12	2006/366	441 ± 59	38	2006/1371	464 ± 62
13	2006/391	292 ± 42	39	2006/1389	559 ± 73
14	2006/413	168 ± 27	40	2006/1484	943 ± 113
15	2006/444	271 ± 40	41	2006/1502	283 ± 41
16	2006/509	204 ± 31	42	2006/1576	520 ± 68
17	2006/532	380 ± 53	43	2006/1661	533 ± 68
18	2006/593	292 ± 42	44	2006/1676	345 ± 49
19	2006/643	460 ± 62	45	2006/1717	268 ± 40
20	2006/680	363 ± 51	46	2006/1740	285 ± 42
21	2006/717	307 ± 44	47	2006/1767	730 ± 91
22	2006/775	151 ± 25	48	2006/1883	599 ± 77
23	2006/792	123 ± 21	49	2006/1901	1019 ± 121
24	2006/811	222 ± 33	50	2006/1916	545 ± 71
25	2006/846	423 ± 59	51	2006/1931	630 ± 80
26	2006/862	425 ± 58	52	2006/1964	330 ± 47

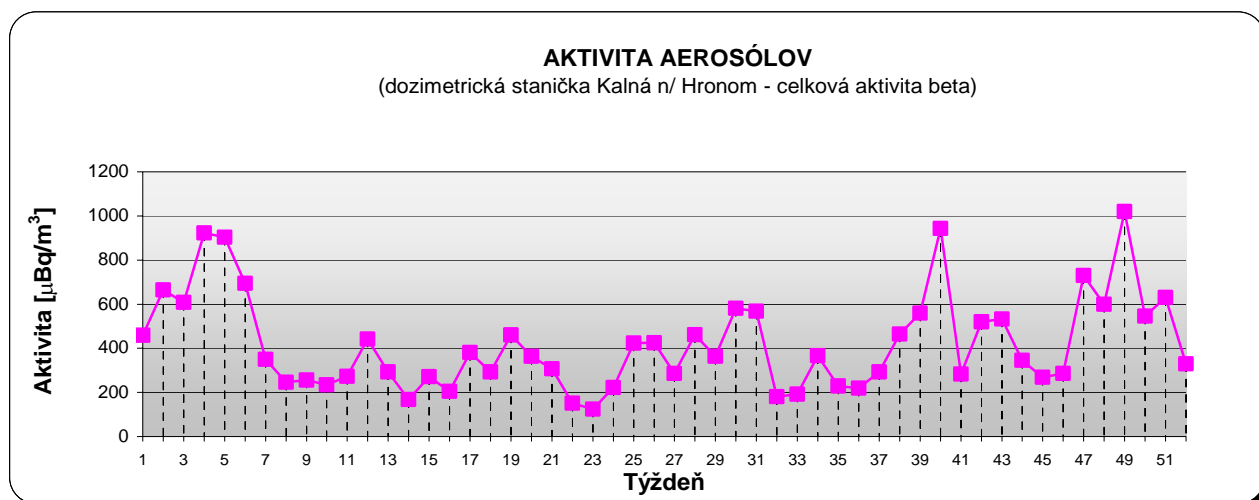


Table 205 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/5	354	± 49	27	2007/923	240	± 36
2	2007/20	138	± 23	28	2007/940	109	± 18
3	2007/38	186	± 29	29	2007/1015	218	± 34
4	2007/77	181	± 28	30	2007/1090	310	± 45
5	2007/120	99	± 17	31	2007/1120	278	± 41
6	2007/154	175	± 27	32	2007/1153	176	± 28
7	2007/169	174	± 27	33	2007/1168	238	± 36
8	2007/186	199	± 30	34	2007/1236	222	± 35
9	2007/202	283	± 41	35	2007/1251	266	± 39
10	2007/270	92	± 16	36	2007/1285	194	± 30
11	2007/290	133	± 22	37	2007/1304	95	± 16
12	2007/325	139	± 23	38	2007/1352	216	± 34
13	2007/407	192	± 30	39	2007/1420	252	± 38
14	2007/424	268	± 41	40	2007/1447	268	± 39
15	2007/449	139	± 23	41	2007/1488	369	± 52
16	2007/480	281	± 41	42	2007/1508	268	± 39
17	2007/495	150	± 24	43	2007/1541	184	± 29
18	2007/564	239	± 36	44	2007/1628	386	± 53
19	2007/579	221	± 34	45	2007/1652	75	± 14
20	2007/624	166	± 27	46	2007/1727	68	± 12
21	2007/649	211	± 32	47	2007/1798	177	± 28
22	2007/727	251	± 37	48	2007/1846	329	± 48
23	2007/775	139	± 23	49	2007/1861	243	± 36
24	2007/791	228	± 35	50	2007/1904	185	± 28
25	2007/824	177	± 28	51	2007/1948	292	± 41
26	2007/839	185	± 29	52	2007/1963	437	± 58

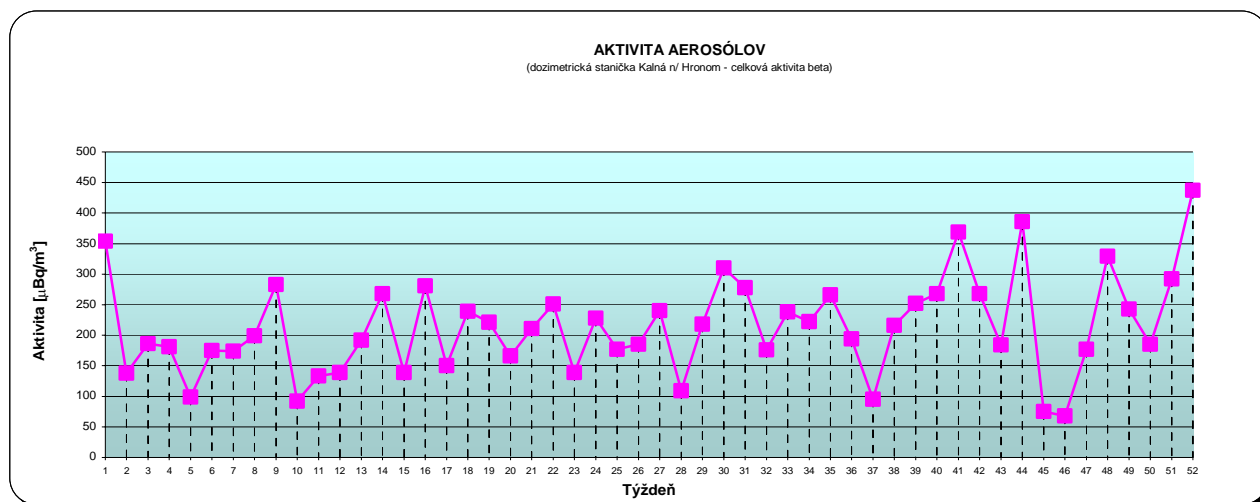


Table 206 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/3	539	± 73	27	2008/980	189	± 16
2	2008/19	393	± 56	28	2008/1062	251	± 22
3	2008/34	278	± 41	29	2008/1086	237	± 20
4	2008/49	199	± 31	30	2008/1101	167	± 14
5	2008/119	107	± 19	31	2008/1170	198	± 17
6	2008/134	169	± 27	32	2008/1184	252	± 22
7	2008/161	249	± 45	33	2008/1211	191	± 16
8	2008/231	178	± 15	34	2008/1236	255	± 22
9	2008/298	268	± 23	35	2008/1282	196	± 17
10	2008/327	128	± 11	36	2008/1359	210	± 18
11	2008/367	140	± 12	37	2008/1397	586	± 50
12	2008/396	76	± 7	38	2008/1412	183	± 16
13	2008/412	83	± 7	39	2008/1499	149	± 13
14	2008/498	149	± 13	40	2008/1516	341	± 29
15	2008/517	132	± 11	41	2008/1552	309	± 27
16	2008/534	161	± 14	42	2008/1572	379	± 33
17	2008/605	135	± 12	43	2008/1594	401	± 34
18	2008/623	159	± 14	44	2008/1642	309	± 27
19	2008/642	197	± 17	45	*	*	*
20	2008/665	204	± 18	46	*	*	*
21	2008/699	227	± 19	47	*	*	*
22	2008/777	157	± 14	48	*	*	*
23	2008/800	280	± 24	49	*	*	*
24	2008/845	223	± 19	50	*	*	*
25	2008/862	116	± 10	51	2008/1937	216	± 19
26	2008/958	205	± 18	52	2008/2054	268	± 23

* Porucha odberového zariadenia

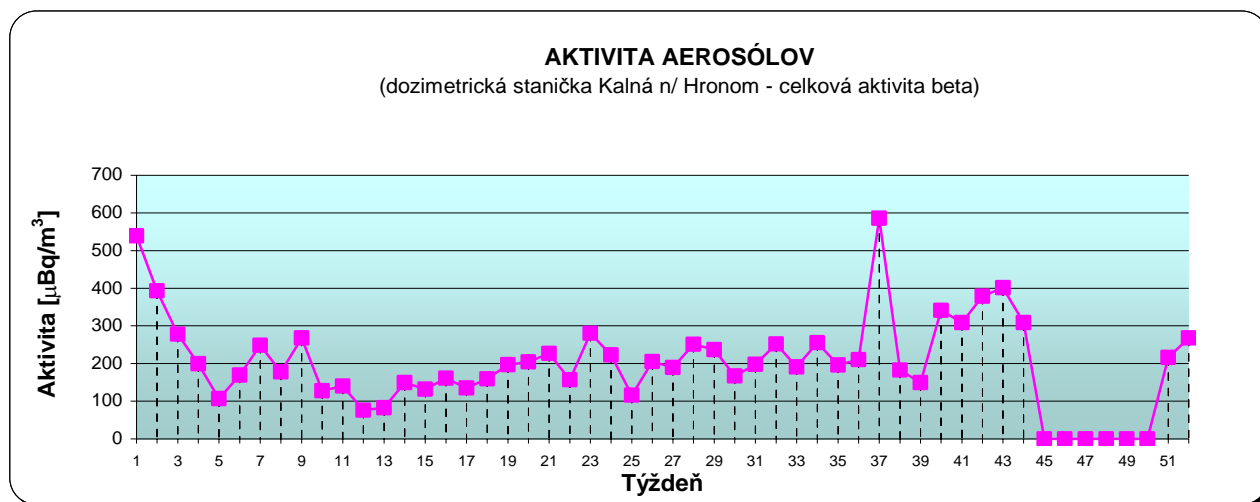


Table 207 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/4	236	\pm 38	27	2005/1026	168	\pm 27
2	2005/19	257	\pm 38	28	2005/1057	236	\pm 36
3	2005/40	269	\pm 40	29	2005/1075	364	\pm 52
4	2005/55	116	\pm 20	30	2005/1091	239	\pm 37
5	2005/124	274	\pm 51	31	2005/1163	556	\pm 74
6	*			32	2005/1194	118	\pm 20
7	*			33	2005/1242	224	\pm 34
8	*			34	2005/1368	357	\pm 53
9	2005/269	273	\pm 42	35	2005/1383	382	\pm 56
10	2005/304	260	\pm 39	36	2005/1421	383	\pm 53
11	2005/331	151	\pm 25	37	2005/1442	602	\pm 81
12	2005/348	328	\pm 49	38	2005/1457	297	\pm 43
13	2005/376	420	\pm 56	39	2005/1520	715	\pm 91
14	2005/395	402	\pm 58	40	2005/1548	598	\pm 79
15	2005/427	328	\pm 48	41	2005/1592	886	\pm 109
16	2005/488	375	\pm 53	42	2005/1611	408	\pm 57
17	2005/554	291	\pm 43	43	2005/1632	428	\pm 59
18	2005/637	276	\pm 41	44	2005/1724	486	\pm 66
19	2005/664	122	\pm 21	45	2005/1778	934	\pm 115
20	2005/697	217	\pm 34	46	2005/1884	887	\pm 112
21	2005/751	213	\pm 33	47	2005/1899	253	\pm 38
22	2005/818	404	\pm 57	48	2005/1992	271	\pm 41
23	2005/857	167	\pm 27	49	2005/2030	253	\pm 38
24	2005/877	297	\pm 44	50	2005/2056	420	\pm 59
25	2005/909	256	\pm 39	51	2005/2122	133	\pm 22
26	2005/1006	277	\pm 41	52	2005/2137	195	\pm 30

* Porucha odberového zariadenia

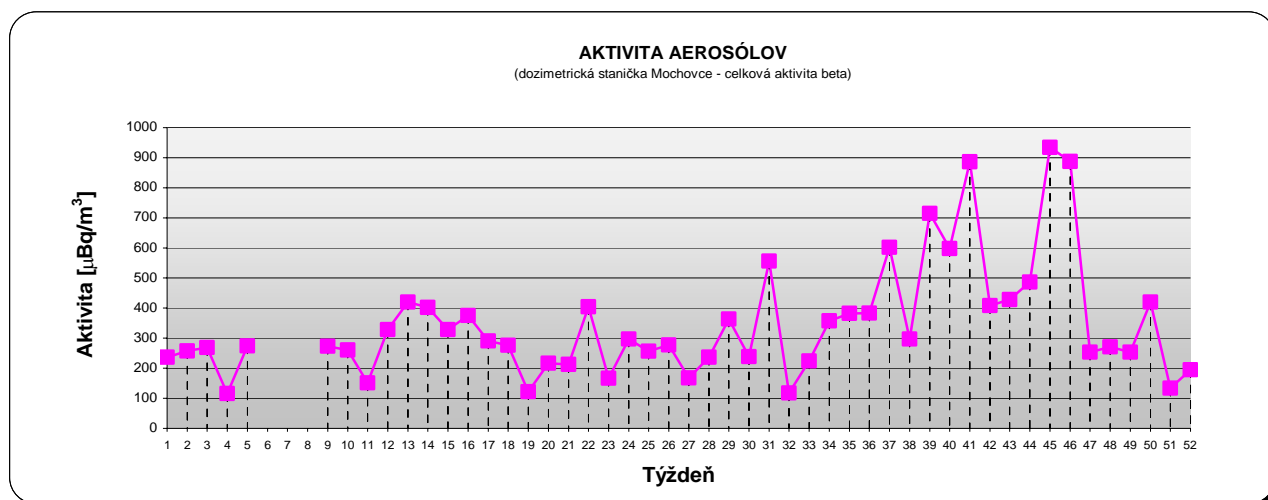


Table 208 Gross beta activity of aerosols - SDS Mochovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

296

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/5	319	± 48	27	2006/930	243	± 36
2	2006/20	536	± 74	28	2006/966	454	± 64
3	2006/36	712	± 91	29	2006/981	302	± 45
4	2006/52	788	± 97	30	2006/1107	551	± 73
5	2006/67	842	± 107	31	2006/1134	547	± 73
6	2006/82	783	± 98	32	2006/1153	118	± 20
7	2006/100	358	± 51	33	2006/1171	174	± 28
8	2006/129	201	± 32	34	2006/1192	347	± 50
9	2006/147	249	± 38	35	2006/1275	207	± 40
10	2006/260	157	± 26	36	*	*	*
11	2006/298	265	± 40	37	2006/1354	221	± 34
12	2006/367	404	± 57	38	2006/1372	432	± 60
13	2006/392	234	± 36	39	2006/1390	548	± 73
14	2006/414	103	± 18	40	2006/1485	973	± 118
15	2006/445	242	± 37	41	2006/1503	253	± 39
16	2006/510	171	± 28	42	2006/1577	539	± 72
17	2006/533	296	± 44	43	2006/1662	568	± 74
18	2006/594	257	± 39	44	2006/1677	394	± 56
19	2006/644	379	± 54	45	2006/1718	239	± 38
20	2006/681	332	± 48	46	2006/1741	287	± 43
21	2006/716	226	± 35	47	2006/1768	700	± 90
22	2006/776	150	± 25	48	2006/1884	574	± 76
23	2006/793	116	± 20	49	2006/1902	982	± 119
24	2006/812	264	± 39	50	2006/1917	435	± 61
25	2006/847	427	± 61	51	2006/1932	549	± 73
26	2006/863	447	± 62	52	2006/1965	302	± 44

* Porucha odberového zariadenia

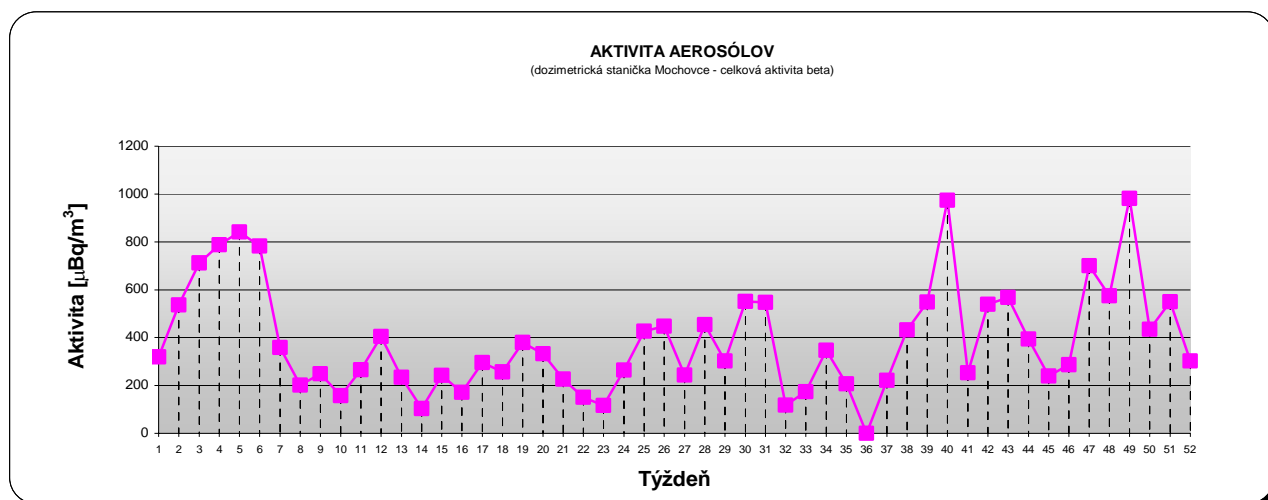


Table 209 Gross beta activity of aerosols - SDS Mochovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

297

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/6	292	± 43	27	2007/924	175	± 29
2	2007/21	113	± 20	28	2007/941	124	± 21
3	*	*	*	29	2007/1016	190	± 32
4	2007/78	165	± 27	30	2007/1091	376	± 55
5	2007/121	98	± 17	31	2007/1121	291	± 44
6	2007/155	315	± 46	32	2007/1154	220	± 35
7	2007/170	162	± 26	33	2007/1169	250	± 39
8	2007/187	150	± 25	34	2007/1237	265	± 42
9	2007/203	294	± 44	35	2007/1252	333	± 50
10	2007/271	100	± 17	36	2007/1286	222	± 35
11	2007/291	167	± 27	37	2007/1305	74	± 14
12	2007/326	22	± 4	38	2007/1353	296	± 46
13	2007/408	164	± 28	39	2007/1421	240	± 38
14	2007/425	308	± 47	40	2007/1448	304	± 46
15	2007/450	149	± 25	41	2007/1489	290	± 44
16	2007/481	297	± 45	42	2007/1509	272	± 42
17	2007/496	145	± 25	43	2007/1542	194	± 32
18	2007/565	228	± 36	44	2007/1629	365	± 54
19	2007/580	194	± 32	45	2007/1653	126	± 22
20	2007/625	160	± 27	46	2007/1728	89	± 16
21	2007/650	245	± 39	47	2007/1799	196	± 33
22	2007/728	290	± 44	48	2007/1847	310	± 47
23	2007/776	130	± 23	49	2007/1862	263	± 41
24	2007/792	293	± 45	50	2007/1905	150	± 25
25	2007/825	198	± 32	51	2007/1949	262	± 40
26	2007/840	191	± 31	52	2007/1964	515	± 70

* Porucha odberového zariadenia

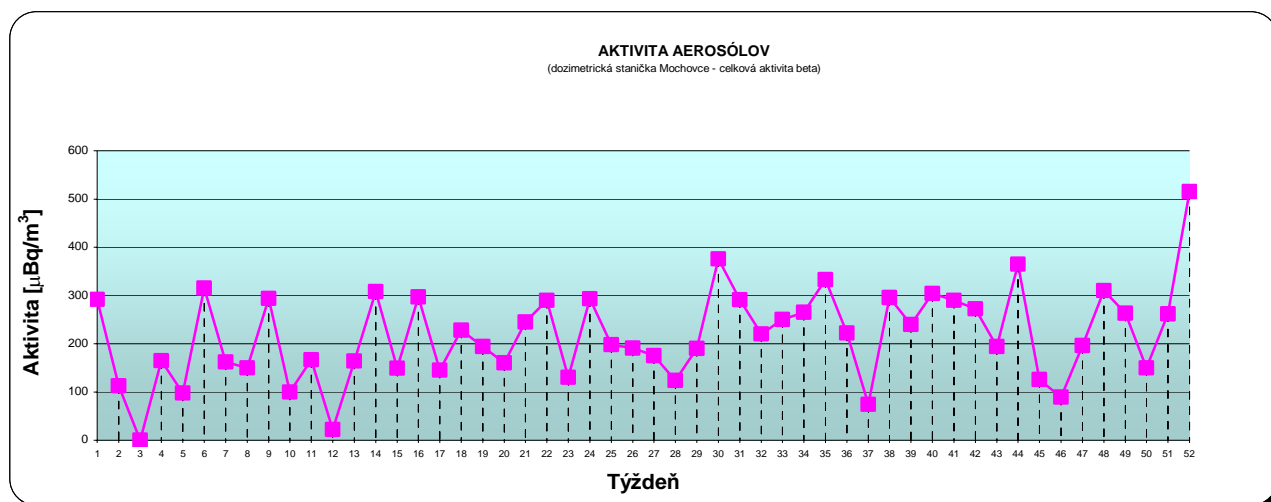


Table 210 Gross beta activity of aerosols - SDS Mochovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/4	331	± 51	27	2008/981	169	± 15
2	2008/20	252	± 41	28	2008/1063	333	± 29
3	2008/35	345	± 52	29	2008/1087	173	± 15
4	2008/50	215	± 35	30	2008/1102	153	± 13
5	2008/120	114	± 21	31	2008/1167	196	± 17
6	2008/135	246	± 39	32	2008/1185	248	± 21
7	2008/162	207	± 34	33	2008/1212	188	± 16
8	2008/232	216	± 19	34	2008/1237	212	± 18
9	2008/299	310	± 27	35	2008/1283	170	± 15
10	2008/328	137	± 12	36	2008/1360	213	± 18
11	2008/368	185	± 16	37	2008/1398	493	± 42
12	2008/397	109	± 9	38	2008/1413	264	± 23
13	2008/413	127	± 11	39	2008/1500	158	± 14
14	2008/499	219	± 19	40	2008/1517	574	± 49
15	2008/518	168	± 14	41	2008/1553	476	± 41
16	2008/535	110	± 9	42	2008/1573	306	± 26
17	2008/606	119	± 10	43	2008/1595	461	± 40
18	2008/624	275	± 24	44	2008/1643	322	± 28
19	2008/643	119	± 10	45	2008/1716	459	± 39
20	2008/666	150	± 13	46	2008/1741	444	± 38
21	2008/700	195	± 17	47	2008/1756	324	± 28
22	2008/778	168	± 14	48	2008/1833	180	± 15
23	2008/801	278	± 24	49	2008/1873	195	± 17
24	2008/846	219	± 19	50	2008/1893	165	± 14
25	2008/863	131	± 11	51	2008/1938	246	± 21
26	2008/959	241	± 21	52	2008/2055	133	± 11

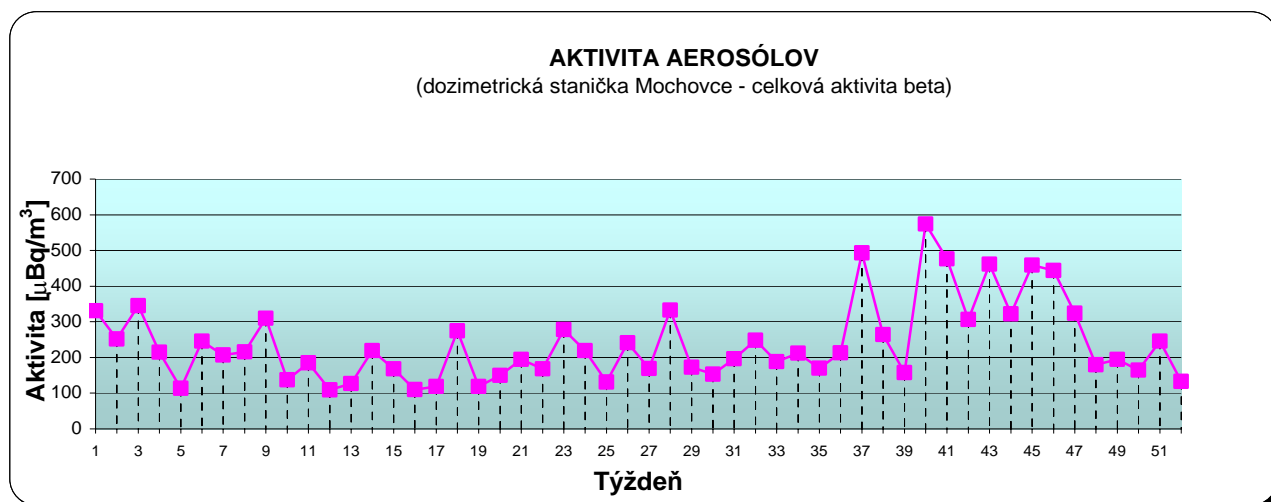


Table 211 Gross beta activity of aerosols - SDS Mochovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

299

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/5	236	± 38	27	2005/1027	215	± 33
2	2005/20	410	± 56	28	2005/1058	251	± 38
3	2005/41	268	± 40	29	2005/1076	414	± 59
4	2005/56	144	± 24	30	2005/1092	301	± 44
5	2005/125	241	± 37	31	2005/1164	494	± 67
6	2005/156	547	± 71	32	2005/1195	145	± 24
7	2005/190	343	± 51	33	2005/1243	263	± 39
8	2005/255	321	± 46	34	2005/1369	330	± 49
9	2005/270	264	± 41	35	2005/1384	391	± 57
10	2005/305	326	± 47	36	2005/1422	278	± 40
11	2005/332	214	± 33	37	2005/1443	680	± 89
12	2005/349	332	± 49	38	2005/1458	261	± 38
13	2005/377	453	± 59	39	2005/1521	739	± 94
14	2005/396	463	± 64	40	2005/1549	620	± 81
15	2005/428	378	± 53	41	2005/1593	921	± 113
16	2005/489	415	± 58	42	2005/1612	481	± 65
17	2005/555	319	± 46	43	2005/1633	417	± 58
18	2005/638	316	± 46	44	2005/1725	539	± 72
19	2005/665	136	± 23	45	2005/1779	1085	± 130
20	2005/698	211	± 33	46	2005/1885	911	± 115
21	2005/752	188	± 30	47	2005/1900	280	± 41
22	2005/819	429	± 59	48	2005/1993	346	± 50
23	2005/858	158	± 26	49	2005/2031	348	± 50
24	2005/878	341	± 49	50	2005/2057	454	± 62
25	2005/910	285	± 42	51	2005/2123	146	± 24
26	2005/1007	310	± 45	52	2005/2138	238	± 36

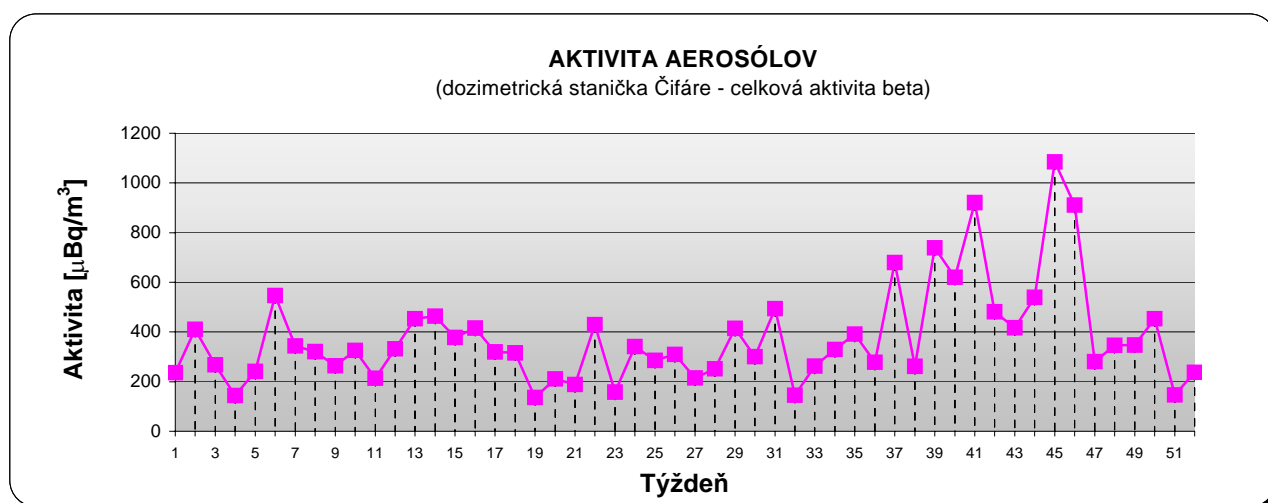


Table 212 Gross beta activity of aerosols - SDS Čifáre, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

300

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/6	370	± 54	27	2006/931	257	± 37
2	2006/21	612	± 82	28	2006/967	434	± 60
3	2006/37	724	± 92	29	2006/982	250	± 37
4	2006/53	932	± 118	30	2006/1108	557	± 72
5	2006/68	949	± 118	31	2006/1135	546	± 71
6	2006/83	844	± 105	32	2006/1154	166	± 26
7	2006/101	300	± 44	33	2006/1172	191	± 30
8	2006/130	204	± 32	34	2006/1193	331	± 47
9	2006/148	271	± 39	35	2006/1276	242	± 36
10	2006/261	170	± 27	36	2006/1323	202	± 31
11	2006/299	300	± 43	37	2006/1355	267	± 39
12	2006/368	505	± 66	38	2006/1373	489	± 64
13	2006/393	232	± 35	39	2006/1391	569	± 73
14	2006/415	127	± 21	40	2006/1486	961	± 114
15	2006/446	227	± 34	41	2006/1504	252	± 37
16	2006/511	185	± 29	42	2006/1578	556	± 71
17	2006/534	328	± 46	43	2006/1663	516	± 68
18	2006/595	241	± 36	44	2006/1678	343	± 48
19	2006/645	389	± 53	45	2006/1719	297	± 44
20	2006/682	339	± 48	46	2006/1742	231	± 35
21	2006/714	258	± 38	47	2006/1769	688	± 86
22	2006/777	146	± 24	48	2006/1885	532	± 69
23	2006/794	137	± 22	49	2006/1903	1013	± 120
24	2006/813	230	± 34	50	2006/1918	477	± 63
25	2006/848	398	± 56	51	2006/1933	547	± 71
26	2006/864	438	± 59	52	2006/1966	300	± 43

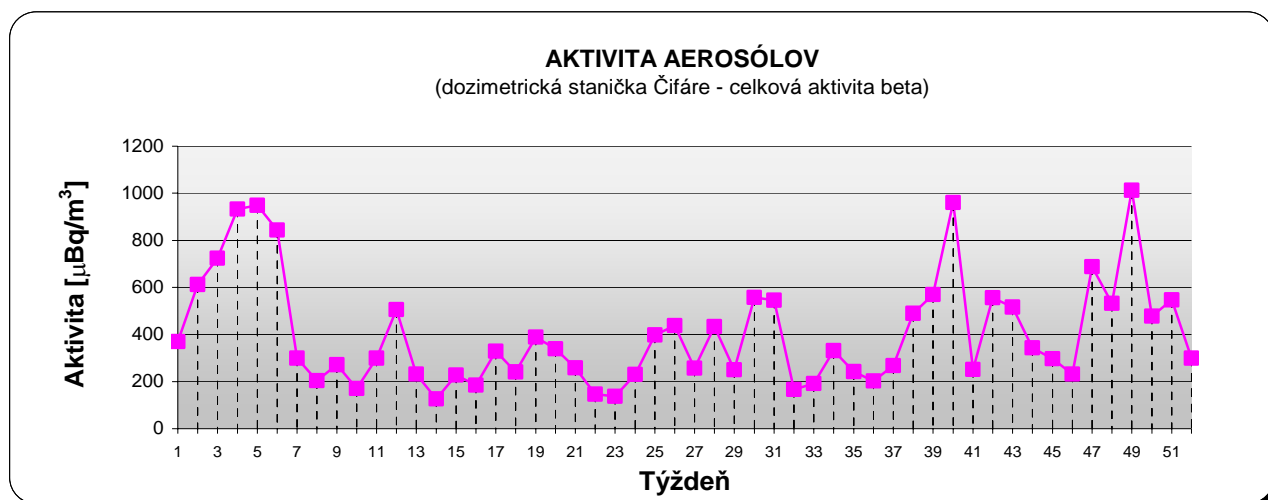


Table 213 Gross beta activity of aerosols - SDS Čifáre, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

301

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/7	271	± 39	27	2007/925	135	± 22
2	2007/22	124	± 21	28	2007/942	90	± 16
3	*	*	*	29	2007/1017	200	± 32
4	2007/79	182	± 28	30	2007/1092	314	± 45
5	2007/122	52	± 9	31	2007/1122	232	± 35
6	2007/156	148	± 24	32	2007/1155	190	± 30
7	2007/171	172	± 27	33	2007/1170	284	± 42
8	2007/188	185	± 29	34	2007/1238	235	± 37
9	2007/204	322	± 45	35	2007/1253	225	± 34
10	2007/272	67	± 12	36	2007/1287	167	± 26
11	2007/292	159	± 25	37	2007/1306	70	± 13
12	2007/327	31	± 6	38	2007/1354	256	± 39
13	2007/409	178	± 28	39	2007/1422	238	± 36
14	2007/426	289	± 42	40	2007/1449	239	± 36
15	2007/451	136	± 22	41	2007/1490	280	± 41
16	2007/482	244	± 36	42	2007/1510	251	± 37
17	2007/497	181	± 28	43	2007/1543	167	± 27
18	2007/566	234	± 35	44	2007/1630	339	± 48
19	2007/581	198	± 31	45	2007/1654	117	± 20
20	2007/626	142	± 23	46	2007/1729	58	± 11
21	2007/651	173	± 28	47	2007/1800	166	± 27
22	2007/729	274	± 40	48	2007/1848	261	± 40
23	2007/777	150	± 24	49	2007/1863	212	± 32
24	2007/793	238	± 36	50	2007/1906	154	± 25
25	2007/826	162	± 26	51	2007/1950	251	± 37
26	2007/841	145	± 24	52	2007/1965	434	± 58

* Porucha odberového zariadenia

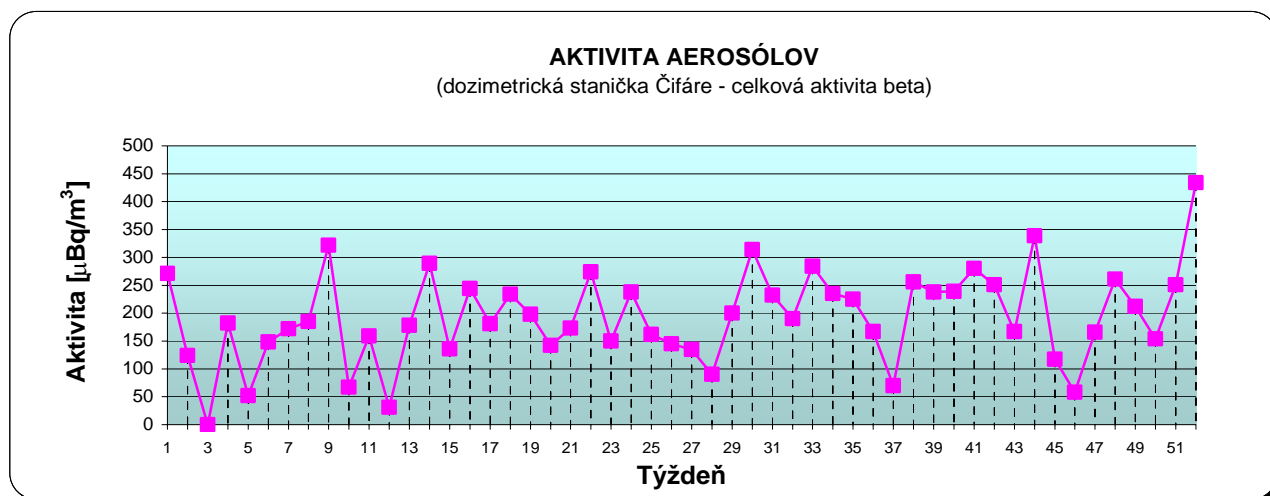


Table 214 Gross beta activity of aerosols - SDS Čifáre, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/5	494	± 68	27	2008/982	163	± 14
2	2008/21	232	± 37	28	*	*	*
3	2008/36	259	± 39	29	*	*	*
4	2008/51	222	± 35	30	*	*	*
5	2008/121	135	± 23	31	*	*	*
6	2008/136	202	± 32	32	*	*	*
7	2008/163	153	± 25	33	*	*	*
8	2008/233	163	± 14	34	*	*	*
9	2008/300	253	± 22	35	*	*	*
10	2008/329	158	± 14	36	*	*	*
11	2008/369	168	± 14	37	2008/1399	409	± 35
12	2008/398	74	± 6	38	2008/1414	155	± 13
13	2008/414	108	± 9	39	2008/1501	169	± 15
14	2008/500	169	± 15	40	2008/1518	396	± 34
15	2008/519	121	± 10	41	2008/1554	371	± 32
16	2008/536	100	± 9	42	2008/1574	380	± 33
17	2008/607	106	± 9	43	2008/1596	364	± 31
18	2008/625	198	± 17	44	2008/1644	324	± 28
19	2008/644	123	± 11	45	2008/1717	377	± 32
20	2008/667	153	± 13	46	2008/1742	522	± 45
21	2008/701	216	± 19	47	2008/1757	403	± 35
22	2008/779	159	± 14	48	2008/1834	127	± 11
23	2008/802	283	± 24	49	2008/1874	195	± 17
24	2008/847	260	± 22	50	2008/1894	145	± 12
25	2008/864	114	± 10	51	2008/1939	264	± 23
26	2008/960	234	± 20	52	2008/2056	171	± 15

* Porucha odberového zariadenia

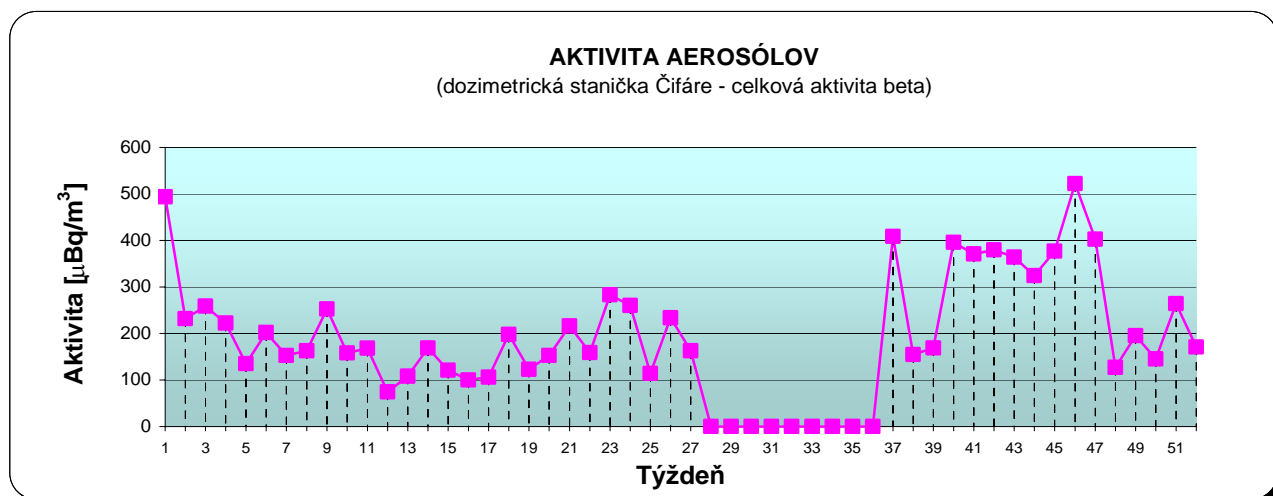


Table 215 Gross beta activity of aerosols - SDS Čifáre, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

303

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/6	278	± 44	27	2005/1028	167	± 27
2	2005/21	399	± 54	28	2005/1059	285	± 43
3	2005/42	270	± 40	29	2005/1077	410	± 58
4	2005/57	65	± 12	30	2005/1093	291	± 44
5	2005/126	265	± 40	31	2005/1165	307	± 46
6	2005/157	642	± 81	32	2005/1196	135	± 23
7	2005/191	536	± 74	33	2005/1244	305	± 44
8	2005/256	346	± 49	34	2005/1370	345	± 51
9	2005/271	260	± 41	35	2005/1385	417	± 60
10	2005/306	410	± 58	36	2005/1423	426	± 58
11	2005/333	225	± 35	37	2005/1444	524	± 73
12	2005/350	335	± 50	38	2005/1459	317	± 46
13	2005/378	448	± 59	39	2005/1522	768	± 98
14	2005/397	488	± 68	40	2005/1550	699	± 90
15	2005/429	340	± 49	41	2005/1594	937	± 115
16	2005/490	466	± 64	42	2005/1613	490	± 67
17	2005/556	362	± 52	43	2005/1634	464	± 64
18	2005/639	347	± 50	44	2005/1726	510	± 70
19	2005/666	117	± 20	45	2005/1780	1021	± 124
20	2005/699	229	± 36	46	2005/1886	1178	± 144
21	2005/753	232	± 36	47	2005/1901	266	± 40
22	2005/820	394	± 56	48	2005/1994	374	± 54
23	2005/859	194	± 31	49	2005/2032	332	± 49
24	2005/879	347	± 50	50	2005/2058	486	± 67
25	2005/911	300	± 45	51	2005/2124	142	± 24
26	2005/1008	332	± 48	52	2005/2139	260	± 39

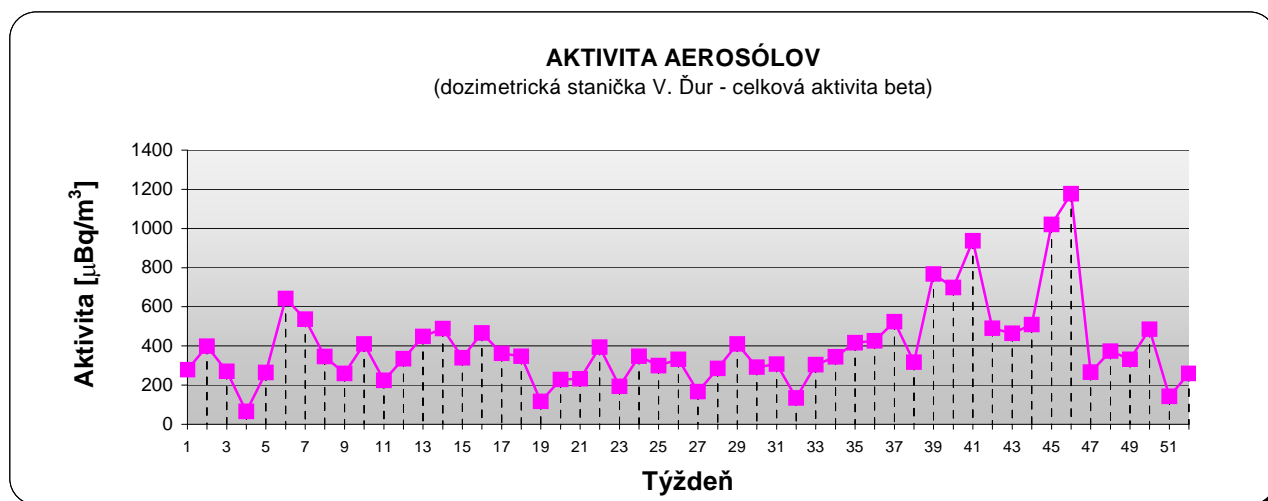


Table 216 Gross beta activity of aerosols - SDS V. Ďur, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

304

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/7	387	± 56	27	2006/932	277	± 43
2	2006/22	611	± 83	28	*	*	*
3	2006/38	657	± 86	29	*	*	*
4	2006/54	914	± 111	30	*	*	*
5	2006/69	990	± 124	31	*	*	*
6	2006/84	825	± 104	32	*	*	*
7	2006/102	325	± 48	33	*	*	*
8	2006/131	260	± 40	34	*	*	*
9	2006/149	303	± 44	35	*	*	*
10	2006/262	168	± 27	36	*	*	*
11	2006/300	268	± 40	37	2006/1356	86	± 16
12	2006/369	503	± 67	38	2006/1374	515	± 68
13	2006/394	308	± 44	39	2006/1392	681	± 86
14	2006/416	172	± 27	40	2006/1487	1062	± 126
15	2006/447	250	± 37	41	2006/1505	305	± 44
16	2006/512	191	± 30	42	2006/1579	593	± 77
17	2006/535	398	± 55	43	2006/1664	554	± 71
18	2006/596	285	± 41	44	2006/1679	258	± 39
19	2006/646	453	± 61	45	2006/1720	250	± 38
20	2006/683	375	± 52	46	2006/1743	295	± 43
21	2006/715	283	± 41	47	2006/1770	765	± 95
22	2006/778	187	± 29	48	2006/1886	611	± 79
23	2006/795	148	± 24	49	2006/1904	967	± 116
24	2006/814	229	± 34	50	2006/1919	478	± 64
25	2006/849	407	± 58	51	2006/1934	591	± 76
26	2006/865	553	± 73	52	2006/1967	315	± 45

* Porucha odberového zariadenia

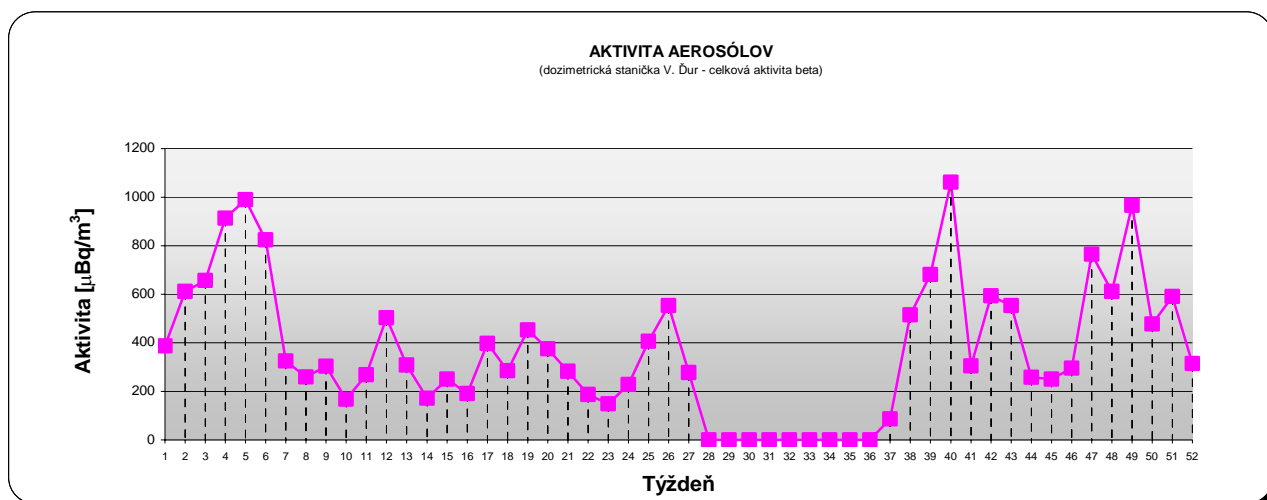


Table 217 Gross beta activity of aerosols - SDS V. Ďur, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

305

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/8	337	± 48	27	2007/926	278	± 41
2	2007/23	121	± 21	28	2007/943	126	± 21
3	2007/41	195	± 30	29	2007/1018	234	± 37
4	2007/80	183	± 29	30	2007/1093	398	± 55
5	2007/123	89	± 16	31	2007/1123	205	± 32
6	2007/157	164	± 26	32	2007/1156	203	± 32
7	2007/172	147	± 24	33	2007/1171	289	± 42
8	2007/189	182	± 28	34	2007/1239	213	± 34
9	2007/205	301	± 43	35	2007/1254	244	± 37
10	2007/273	104	± 18	36	2007/1288	173	± 27
11	2007/293	173	± 27	37	2007/1307	67	± 12
12	2007/328	118	± 20	38	2007/1355	253	± 39
13	2007/410	154	± 27	39	2007/1423	230	± 35
14	2007/427	298	± 43	40	2007/1450	274	± 40
15	2007/452	170	± 27	41	2007/1491	300	± 44
16	2007/483	245	± 37	42	2007/1511	260	± 39
17	2007/498	185	± 29	43	2007/1544	175	± 28
18	2007/567	258	± 38	44	2007/1631	312	± 45
19	2007/582	189	± 30	45	2007/1655	121	± 21
20	2007/627	218	± 33	46	2007/1730	70	± 13
21	2007/652	181	± 29	47	2007/1801	186	± 30
22	2007/730	283	± 42	48	2007/1849	317	± 47
23	2007/778	173	± 28	49	2007/1864	253	± 38
24	2007/794	271	± 40	50	2007/1907	160	± 25
25	2007/827	211	± 33	51	2007/1951	284	± 41
26	2007/842	141	± 23	52	2007/1966	495	± 65

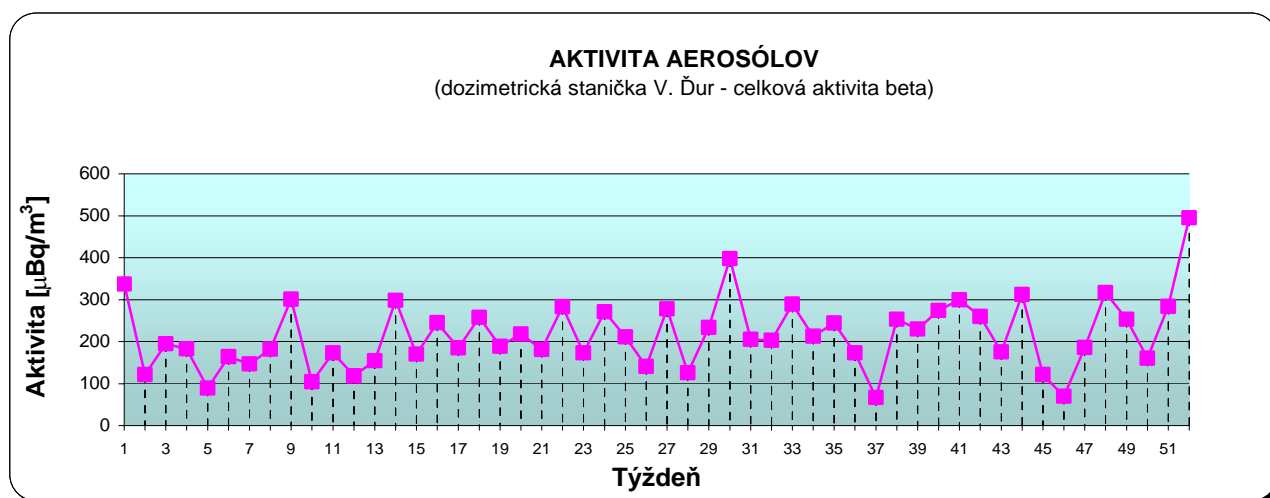


Table 218 Gross beta activity of aerosols - SDS V. Ďur, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

306

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/6	438	± 62	27	2008/983	186	± 16
2	2008/22	366	± 53	28	2008/1065	277	± 24
3	2008/37	344	± 49	29	2008/1089	126	± 11
4	2008/52	201	± 32	30	2008/1104	192	± 17
5	2008/122	129	± 22	31	2008/1172	166	± 14
6	2008/137	165	± 27	32	2008/1187	244	± 21
7	2008/164	175	± 28	33	2008/1214	173	± 15
8	2008/234	177	± 15	34	2008/1239	218	± 19
9	2008/301	249	± 21	35	2008/1285	188	± 16
10	2008/330	129	± 11	36	2008/1362	234	± 20
11	2008/370	172	± 15	37	2008/1400	440	± 38
12	2008/399	91	± 8	38	2008/1415	182	± 16
13	2008/415	78	± 7	39	2008/1502	148	± 13
14	2008/501	185	± 16	40	2008/1519	386	± 33
15	2008/520	161	± 14	41	2008/1555	265	± 23
16	2008/537	167	± 14	42	2008/1575	369	± 32
17	2008/608	131	± 11	43	2008/1597	384	± 33
18	2008/626	208	± 18	44	2008/1645	292	± 25
19	2008/645	131	± 11	45	2008/1718	347	± 30
20	2008/668	180	± 15	46	2008/1743	454	± 39
21	2008/702	228	± 20	47	2008/1758	395	± 34
22	2008/780	158	± 14	48	2008/1835	128	± 11
23	2008/803	265	± 23	49	2008/1875	211	± 18
24	2008/848	229	± 20	50	2008/1895	145	± 13
25	2008/865	124	± 11	51	2008/1940	237	± 20
26	2008/961	204	± 18	52	2008/2057	115	± 10

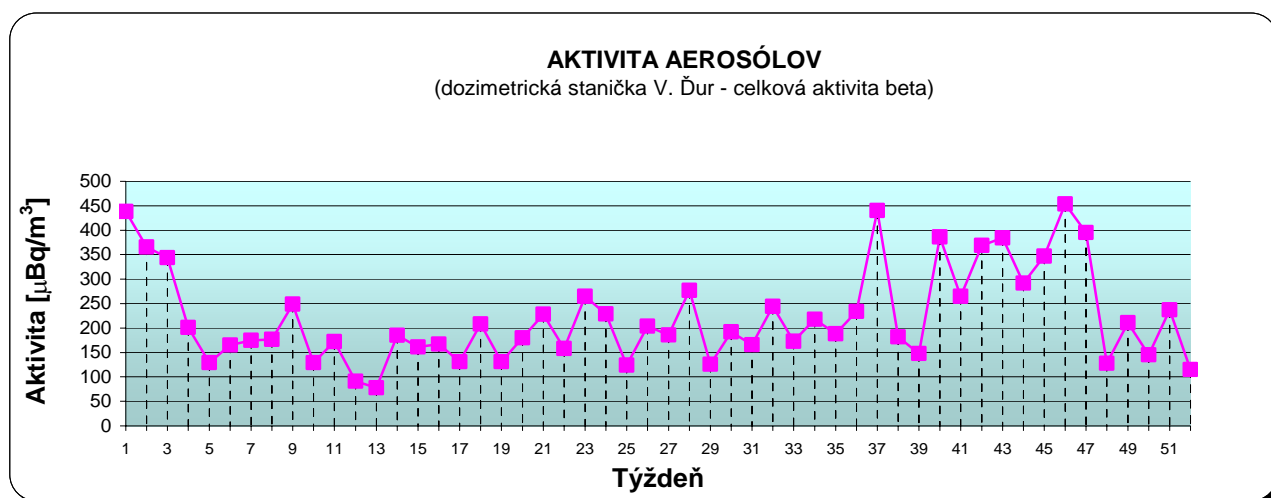


Table 219 Gross beta activity of aerosols - SDS V. Ďur, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

307

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/7	233	± 38	27	2005/1029	216	± 34
2	2005/22	367	± 51	28	2005/1060	264	± 41
3	2005/43	289	± 43	29	2005/1078	363	± 53
4	2005/58	176	± 28	30	2005/1094	251	± 37
5	2005/127	258	± 39	31	2005/1166	533	± 71
6	2005/158	603	± 78	32	2005/1197	125	± 21
7	2005/192	650	± 86	33	2005/1245	227	± 35
8	2005/257	327	± 46	34	2005/1371	318	± 48
9	2005/272	351	± 52	35	2005/1386	372	± 55
10	2005/307	349	± 50	36	2005/1424	430	± 59
11	2005/334	190	± 30	37	2005/1445	548	± 75
12	2005/351	259	± 40	38	2005/1460	270	± 40
13	2005/379	372	± 59	39	2005/1523	715	± 93
14	2005/398	463	± 64	40	2005/1551	546	± 70
15	2005/430	333	± 48	41	2005/1595	859	± 107
16	2005/491	330	± 47	42	2005/1614	436	± 61
17	2005/557	268	± 40	43	2005/1635	370	± 53
18	2005/640	270	± 40	44	2005/1727	520	± 71
19	2005/667	125	± 21	45	2005/1781	1044	± 123
20	2005/700	151	± 25	46	2005/1887	855	± 108
21	2005/754	189	± 30	47	2005/1902	275	± 42
22	2005/821	309	± 45	48	2005/1995	409	± 59
23	2005/860	133	± 22	49	2005/2033	334	± 47
24	2005/880	315	± 45	50	2005/2059	461	± 63
25	2005/912	261	± 39	51	2005/2125	142	± 24
26	2005/1009	268	± 41	52	2005/2140	179	± 29

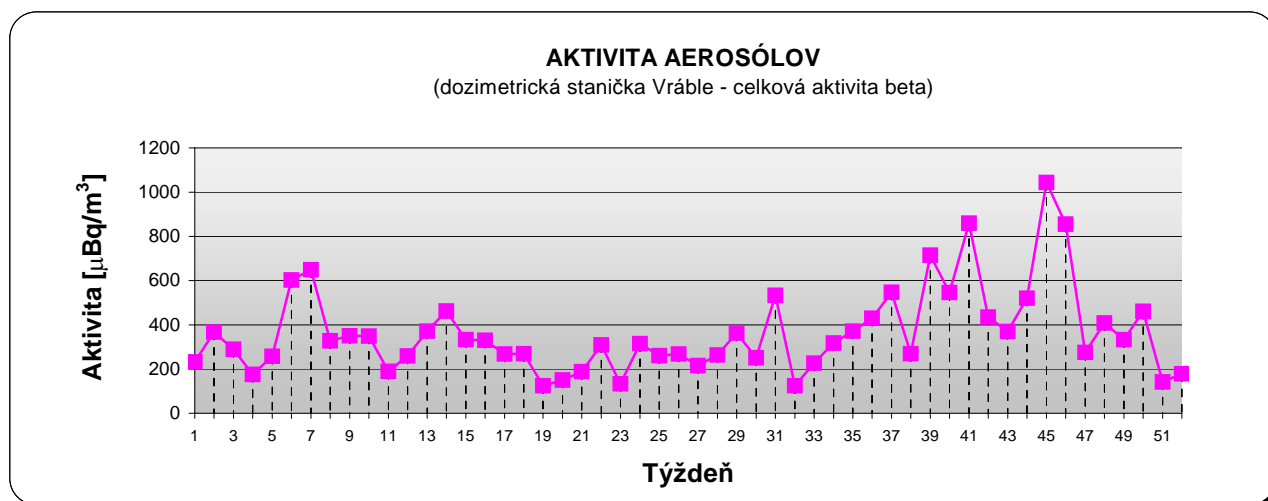


Table 220 Gross beta activity of aerosols - SDS Vrábľa, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

308

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrábľa - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/8	366	± 55	27	2006/933	305	± 43
2	2006/23	533	± 69	28	2006/969	434	± 60
3	2006/39	666	± 85	29	2006/984	298	± 43
4	2006/55	955	± 114	30	2006/1110	401	± 55
5	2006/70	824	± 109	31	2006/1137	438	± 59
6	2006/85	901	± 116	32	2006/1156	119	± 20
7	2006/103	340	± 49	33	2006/1174	201	± 31
8	2006/132	250	± 38	34	2006/1195	310	± 44
9	2006/150	235	± 36	35	2006/1278	156	± 25
10	2006/263	124	± 20	36	2006/1325	187	± 29
11	2006/301	244	± 36	37	2006/1357	256	± 38
12	2006/370	416	± 56	38	2006/1375	501	± 66
13	2006/395	255	± 38	39	2006/1393	533	± 70
14	2006/417	142	± 23	40	2006/1488	868	± 105
15	2006/448	220	± 34	41	2006/1506	281	± 41
16	2006/513	199	± 31	42	2006/1580	479	± 64
17	2006/536	261	± 39	43	2006/1665	605	± 76
18	2006/597	237	± 35	44	2006/1680	328	± 47
19	2006/647	407	± 55	45	2006/1721	185	± 30
20	2006/684	301	± 43	46	2006/1744	202	± 31
21	2006/713	243	± 36	47	2006/1771	666	± 84
22	2006/779	111	± 19	48	2006/1887	521	± 68
23	2006/796	77	± 14	49	2006/1905	917	± 111
24	2006/815	197	± 30	50	2006/1920	417	± 57
25	2006/850	368	± 52	51	2006/1935	530	± 70
26	2006/866	350	± 49	52	2006/1968	257	± 38

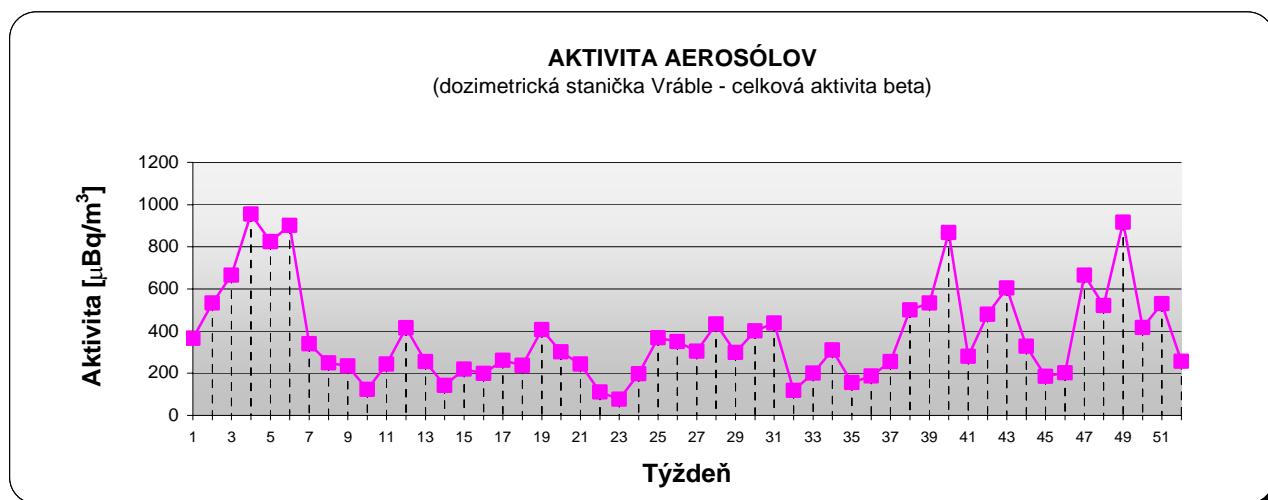


Table 221 Gross beta activity of aerosols - SDS Vrábľa, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

309

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/9	330	± 47	27	2007/927	210	± 32
2	2007/24	123	± 21	28	2007/944	99	± 17
3	2007/42	161	± 25	29	2007/1019	205	± 32
4	2007/81	205	± 31	30	2007/1094	345	± 48
5	2007/124	78	± 14	31	2007/1124	201	± 31
6	2007/158	146	± 24	32	2007/1157	165	± 26
7	2007/173	150	± 24	33	2007/1172	227	± 34
8	2007/190	222	± 33	34	2007/1240	215	± 33
9	2007/206	295	± 42	35	2007/1255	237	± 35
10	2007/274	92	± 16	36	2007/1289	165	± 26
11	2007/294	146	± 24	37	2007/1308	70	± 13
12	2007/329	148	± 24	38	2007/1356	242	± 37
13	2007/411	170	± 27	39	2007/1424	248	± 37
14	2007/428	264	± 39	40	2007/1451	272	± 40
15	2007/453	150	± 24	41	2007/1492	257	± 38
16	2007/484	214	± 33	42	2007/1512	288	± 42
17	2007/499	129	± 22	43	2007/1545	149	± 24
18	2007/568	246	± 37	44	2007/1632	314	± 45
19	2007/583	161	± 26	45	2007/1656	96	± 17
20	2007/628	158	± 25	46	2007/1731	43	± 8
21	2007/653	166	± 26	47	2007/1802	124	± 21
22	2007/731	209	± 32	48	2007/1850	338	± 50
23	2007/779	138	± 22	49	2007/1865	207	± 32
24	2007/795	267	± 39	50	2007/1908	121	± 20
25	2007/828	186	± 29	51	2007/1952	250	± 37
26	2007/843	127	± 21	52	2007/1967	495	± 65

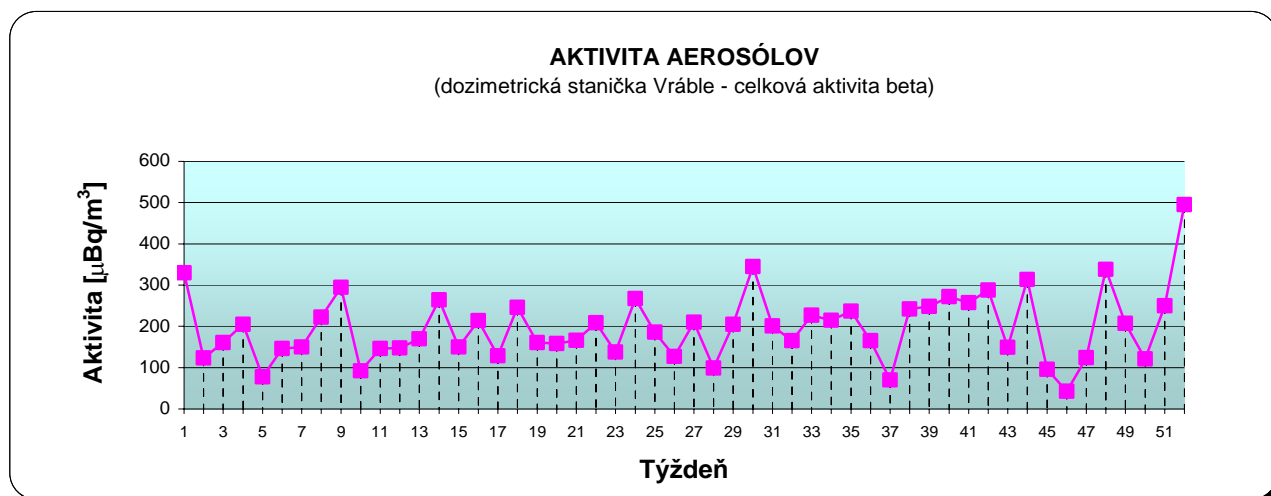


Table 222 Gross beta activity of aerosols - SDS Vrable, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

310

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/7	370	± 54	27	2008/984	181	± 16
2	2008/23	337	± 50	28	2008/1066	290	± 25
3	2008/38	334	± 49	29	2008/1090	155	± 13
4	2008/53	178	± 29	30	2008/1105	117	± 10
5	2008/123	120	± 21	31	2008/1173	147	± 13
6	2008/138	174	± 28	32	2008/1188	239	± 21
7	2008/165	188	± 30	33	2008/1215	180	± 15
8	2008/235	139	± 12	34	2008/1240	161	± 14
9	2008/302	203	± 17	35	2008/1286	159	± 14
10	2008/331	112	± 10	36	2008/1363	204	± 18
11	2008/371	176	± 15	37	2008/1401	386	± 33
12	2008/400	82	± 7	38	2008/1416	195	± 17
13	2008/416	64	± 5	39	2008/1503	146	± 13
14	2008/502	198	± 17	40	2008/1520	427	± 37
15	2008/521	131	± 11	41	2008/1556	200	± 17
16	2008/538	137	± 12	42	2008/1576	272	± 23
17	2008/609	99	± 9	43	2008/1598	301	± 26
18	2008/627	222	± 19	44	2008/1646	293	± 25
19	2008/646	165	± 14	45	2008/1719	346	± 30
20	2008/669	129	± 11	46	2008/1744	444	± 38
21	2008/703	170	± 15	47	2008/1759	383	± 33
22	2008/781	127	± 11	48	2008/1836	133	± 11
23	2008/804	257	± 22	49	2008/1876	237	± 20
24	2008/849	182	± 16	50	2008/1896	144	± 12
25	2008/866	136	± 12	51	2008/1941	209	± 18
26	2008/962	205	± 18	52	2008/2058	111	± 10

AKTIVITA AEROSÓLOV

(dozimetrická stanica Vrable - celková aktivita beta)

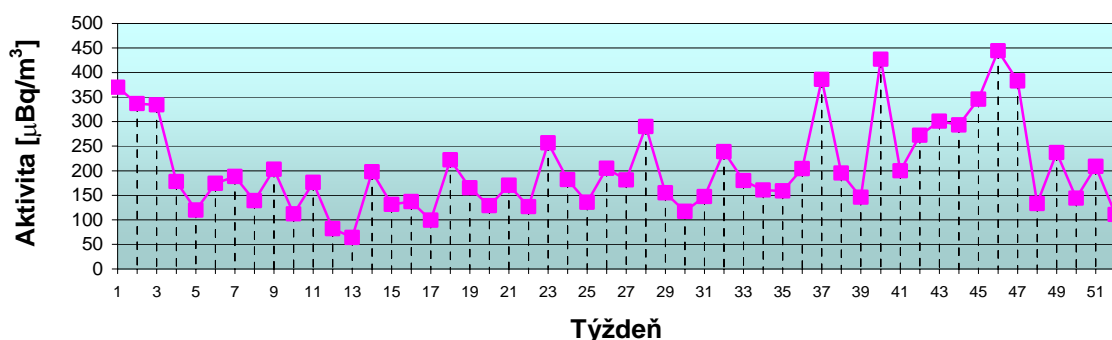


Table 223 Gross beta activity of aerosols - SDS Vrable, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/8	219	± 36	27	2005/1030	163	± 27
2	2005/23	400	± 54	28	2005/1061	279	± 41
3	2005/44	281	± 41	29	2005/1079	363	± 52
4	2005/59	144	± 24	30	2005/1095	255	± 39
5	2005/128	260	± 39	31	2005/1167	603	± 79
6	2005/159	650	± 83	32	2005/1198	121	± 21
7	2005/193	616	± 82	33	2005/1246	229	± 35
8	2005/258	314	± 45	34	2005/1372	320	± 48
9	2005/273	288	± 44	35	2005/1387	398	± 57
10	2005/308	320	± 47	36	2005/1425	392	± 54
11	2005/335	184	± 29	37	2005/1446	604	± 81
12	2005/352	334	± 50	38	2005/1461	293	± 42
13	2005/380	464	± 61	39	2005/1524	722	± 92
14	2005/399	461	± 64	40	2005/1552	602	± 79
15	2005/431	342	± 49	41	2005/1596	903	± 111
16	2005/492	205	± 32	42	2005/1615	412	± 58
17	2005/558	298	± 44	43	2005/1636	434	± 60
18	2005/641	267	± 40	44	2005/1728	591	± 78
19	2005/668	153	± 25	45	2005/1782	945	± 116
20	2005/701	187	± 30	46	2005/1888	1001	± 124
21	2005/755	258	± 39	47	2005/1903	308	± 44
22	2005/822	444	± 61	48	2005/1996	379	± 54
23	2005/861	183	± 29	49	2005/2034	343	± 50
24	2005/881	352	± 50	50	2005/2060	491	± 67
25	2005/913	313	± 49	51	2005/2126	137	± 23
26	2005/1010	283	± 43	52	2005/2141	242	± 36

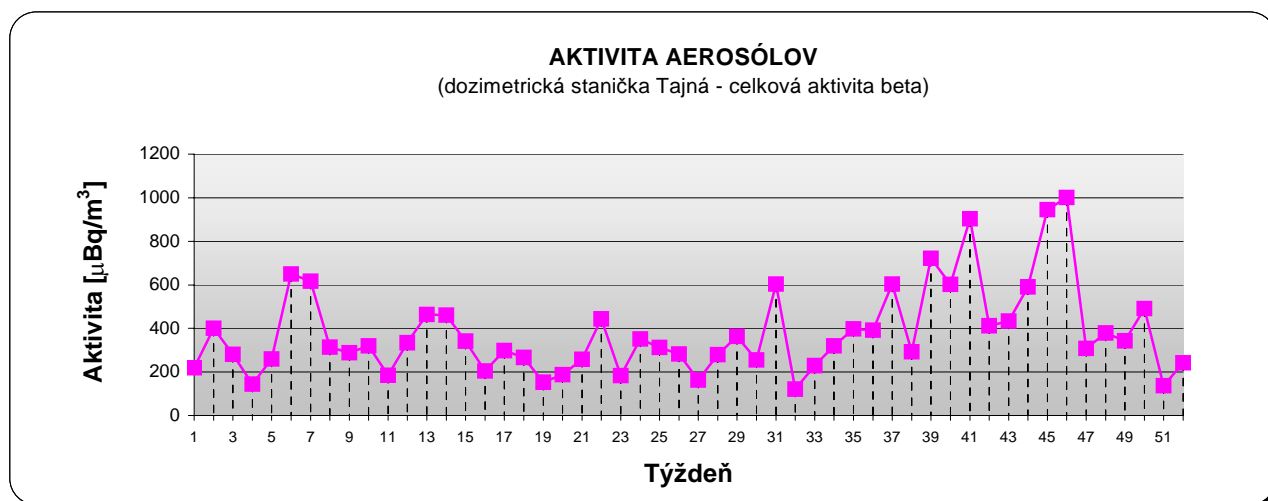


Table 224 Gross beta activity of aerosols - SDS Tajná, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

312

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/9	401	± 58	27	2006/934	284	± 40
2	2006/24	545	± 75	28	2006/970	436	± 60
3	2006/40	716	± 91	29	2006/985	256	± 38
4	2006/56	820	± 100	30	2006/1111	525	± 69
5	2006/71	941	± 118	31	2006/1138	515	± 68
6	2006/86	719	± 91	32	2006/1157	118	± 20
7	2006/104	371	± 53	33	2006/1175	180	± 28
8	2006/133	258	± 39	34	2006/1196	312	± 45
9	2006/151	277	± 40	35	2006/1279	214	± 33
10	2006/264	222	± 34	36	2006/1326	206	± 31
11	2006/302	269	± 39	37	2006/1358	258	± 38
12	2006/371	509	± 67	38	2006/1376	415	± 56
13	2006/396	228	± 34	39	2006/1394	588	± 76
14	2006/418	134	± 22	40	2006/1489	955	± 113
15	2006/449	256	± 38	41	2006/1507	255	± 38
16	2006/514	142	± 23	42	2006/1581	503	± 66
17	2006/537	373	± 52	43	2006/1666	492	± 64
18	2006/598	268	± 39	44	2006/1681	341	± 48
19	2006/648	363	± 51	45	2006/1722	239	± 37
20	2006/685	354	± 49	46	2006/1745	284	± 41
21	2006/712	232	± 35	47	2006/1772	668	± 84
22	2006/780	139	± 23	48	2006/1888	582	± 75
23	2006/797	94	± 16	49	2006/1906	973	± 116
24	2006/816	181	± 28	50	2006/1921	439	± 59
25	2006/851	411	± 57	51	2006/1936	585	± 75
26	2006/867	405	± 55	52	2006/1969	256	± 38

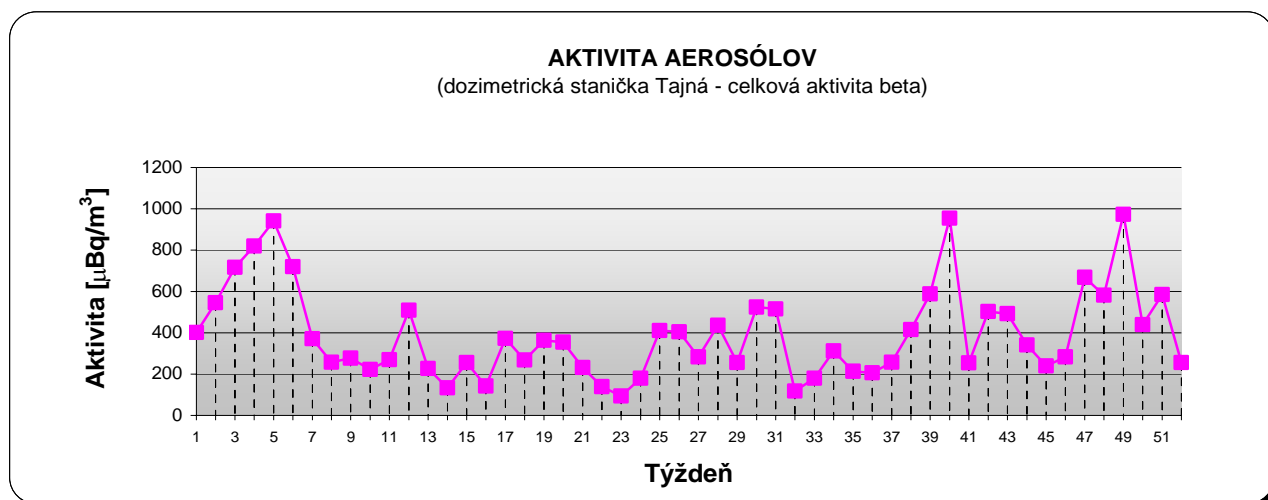


Table 225 Gross beta activity of aerosols - SDS Tajná, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

313

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/10	321	± 45	27	2007/928	212	± 33
2	2007/25	130	± 22	28	2007/945	133	± 22
3	2007/43	141	± 23	29	2007/1020	200	± 32
4	2007/82	158	± 25	30	2007/1095	313	± 45
5	2007/125	62	± 11	31	2007/1125	177	± 28
6	2007/159	122	± 20	32	2007/1158	178	± 28
7	2007/174	135	± 22	33	2007/1173	255	± 38
8	2007/191	177	± 28	34	2007/1241	213	± 34
9	2007/207	324	± 45	35	2007/1256	304	± 44
10	2007/275	104	± 18	36	2007/1290	172	± 27
11	2007/295	125	± 21	37	2007/1309	117	± 20
12	2007/330	168	± 26	38	2007/1357	226	± 36
13	2007/412	179	± 29	39	2007/1425	233	± 36
14	2007/429	281	± 41	40	2007/1452	261	± 39
15	2007/454	184	± 29	41	2007/1493	340	± 49
16	2007/485	250	± 38	42	2007/1513	270	± 40
17	2007/500	146	± 24	43	2007/1546	154	± 25
18	2007/569	216	± 33	44	2007/1633	357	± 50
19	2007/584	201	± 31	45	2007/1657	114	± 20
20	2007/629	157	± 26	46	2007/1732	67	± 12
21	2007/654	173	± 28	47	2007/1803	145	± 24
22	2007/732	302	± 44	48	2007/1851	300	± 45
23	2007/780	127	± 21	49	2007/1866	222	± 33
24	2007/796	254	± 38	50	2007/1909	192	± 31
25	2007/829	196	± 31	51	2007/1953	285	± 41
26	2007/844	159	± 26	52	2007/1968	526	± 68

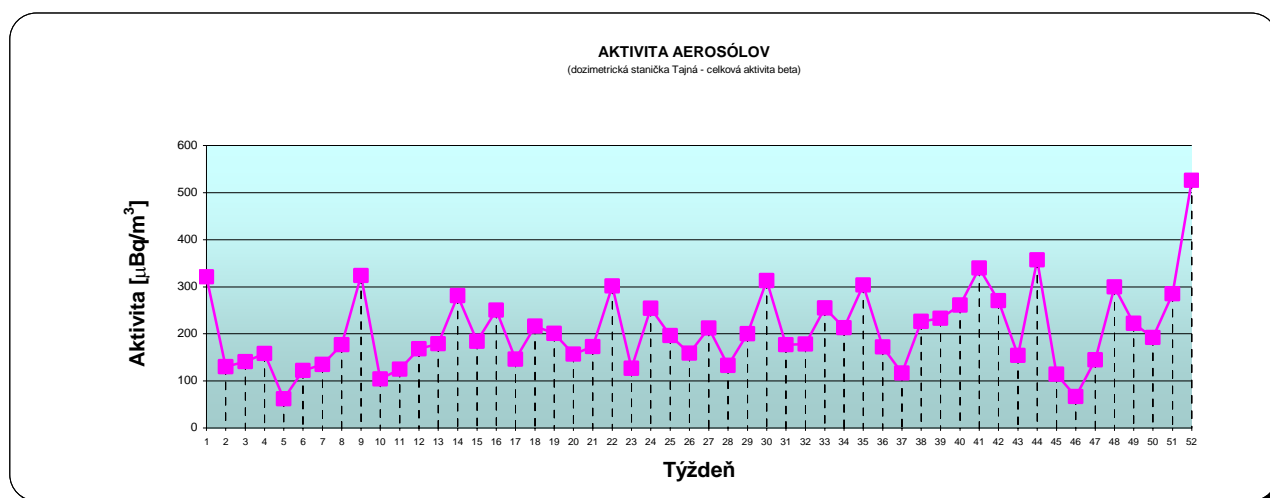


Table 226 Gross beta activity of aerosols - SDS Tajná, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

314

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/8	376	± 54	27	2008/985	247	± 21
2	2008/24	324	± 48	28	2008/1067	240	± 21
3	2008/39	281	± 42	29	2008/1091	167	± 14
4	2008/54	224	± 35	30	2008/1106	155	± 13
5	2008/124	117	± 20	31	2008/1174	142	± 12
6	2008/139	219	± 34	32	2008/1189	200	± 17
7	2008/166	157	± 26	33	2008/1216	170	± 15
8	2008/236	178	± 15	34	2008/1241	208	± 18
9	2008/303	237	± 20	35	2008/1287	132	± 11
10	2008/332	139	± 12	36	2008/1364	238	± 20
11	2008/372	158	± 14	37	2008/1402	430	± 37
12	2008/401	65	± 6	38	2008/1417	149	± 13
13	2008/417	89	± 8	39	2008/1504	128	± 11
14	2008/503	209	± 18	40	2008/1521	359	± 31
15	2008/522	127	± 11	41	2008/1557	201	± 17
16	2008/539	174	± 15	42	2008/1577	432	± 37
17	2008/610	98	± 8	43	2008/1599	353	± 30
18	2008/628	225	± 19	44	2008/1647	364	± 31
19	2008/647	104	± 9	45	2008/1720	338	± 29
20	2008/670	157	± 13	46	2008/1745	443	± 38
21	2008/704	202	± 17	47	2008/1760	391	± 34
22	2008/782	139	± 12	48	2008/1837	119	± 10
23	2008/805	276	± 24	49	2008/1877	171	± 15
24	2008/850	205	± 18	50	2008/1897	130	± 11
25	2008/867	130	± 11	51	2008/1942	232	± 20
26	2008/963	196	± 17	52	2008/2059	123	± 11

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

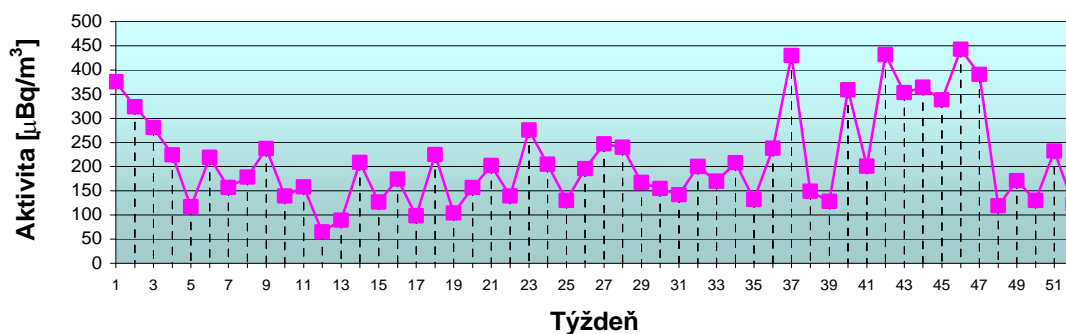


Table 227 Gross beta activity of aerosols - SDS Tajná, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

315

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/9	250	± 40	27	2005/1031	323	± 48
2	2005/24	433	± 58	28	2005/1062	383	± 55
3	2005/45	356	± 51	29	2005/1080	297	± 44
4	2005/60	176	± 28	30	2005/1096	362	± 52
5	2005/129	311	± 45	31	2005/1168	699	± 90
6	2005/160	766	± 91	32	2005/1199	156	± 26
7	2005/194	126	± 24	33	2005/1247	310	± 45
8	2005/259	398	± 56	34	2005/1373	420	± 61
9	2005/274	406	± 59	35	2005/1388	510	± 69
10	2005/309	430	± 60	36	2005/1426	380	± 72
11	2005/336	256	± 39	37	2005/1447	532	± 76
12	2005/353	398	± 58	38	2005/1462	330	± 47
13	2005/381	608	± 77	39	2005/1525	911	± 113
14	2005/400	577	± 78	40	2005/1553	748	± 96
15	2005/432	430	± 60	41	2005/1597	1061	± 129
16	2005/493	544	± 73	42	2005/1616	526	± 71
17	2005/559	488	± 67	43	2005/1637	576	± 77
18	2005/642	398	± 56	44	2005/1729	624	± 82
19	2005/669	161	± 27	45	2005/1783	1362	± 160
20	2005/702	253	± 39	46	2005/1889	1081	± 134
21	2005/756	247	± 38	47	2005/1904	303	± 44
22	2005/823	464	± 64	48	2005/1997	441	± 62
23	2005/862	216	± 34	49	2005/2035	394	± 56
24	2005/882	438	± 61	50	2005/2061	571	± 78
25	2005/914	408	± 57	51	2005/2127	185	± 30
26	2005/1011	313	± 46	52	2005/2142	278	± 41

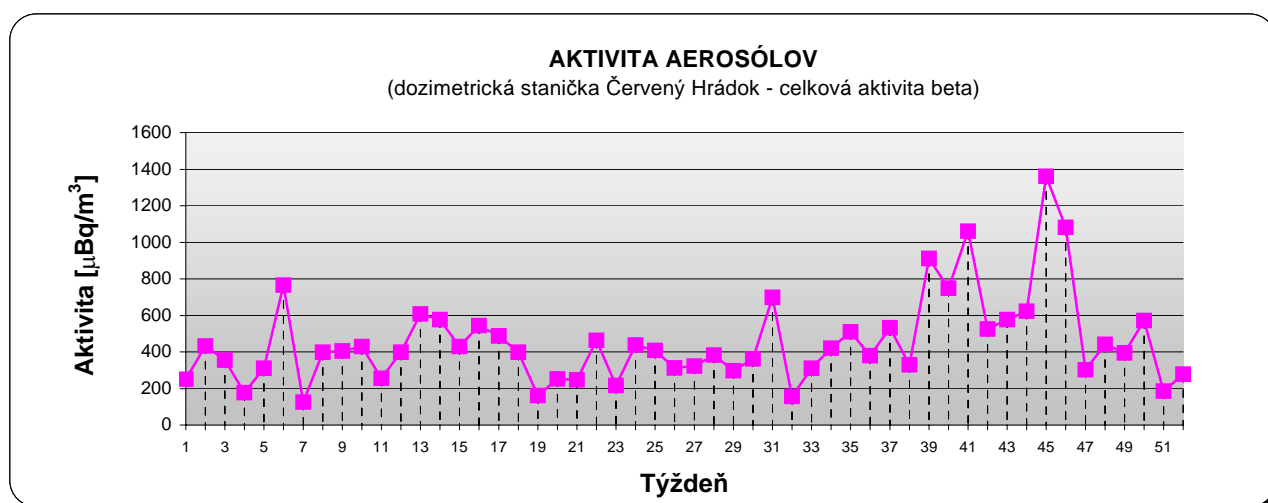


Table 228 Gross beta activity of aerosols - SDS Č. Hrádok, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

316

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/10	428	± 61	27	2006/935	291	± 42
2	2006/25	702	± 93	28	2006/971	542	± 73
3	2006/41	788	± 100	29	2006/986	411	± 57
4	2006/57	1104	± 131	30	2006/1112	635	± 81
5	2006/72	1125	± 139	31	2006/1139	579	± 75
6	2006/87	1049	± 128	32	2006/1158	197	± 31
7	2006/105	363	± 52	33	2006/1176	259	± 39
8	2006/134	205	± 38	34	2006/1197	345	± 49
9	2006/152	384	± 54	35	2006/1280	286	± 42
10	2006/265	244	± 37	36	2006/1327	277	± 41
11	2006/303	392	± 54	37	2006/1359	341	± 49
12	2006/372	607	± 78	38	2006/1377	540	± 71
13	2006/397	288	± 42	39	2006/1395	677	± 86
14	2006/419	175	± 28	40	2006/1490	1137	± 134
15	2006/450	359	± 51	41	2006/1508	314	± 45
16	2006/515	272	± 40	42	2006/1582	741	± 93
17	2006/538	463	± 63	43	2006/1667	656	± 82
18	2006/599	351	± 49	44	2006/1682	399	± 55
19	2006/649	496	± 66	45	2006/1723	341	± 50
20	2006/686	409	± 56	46	2006/1746	321	± 46
21	2006/711	348	± 50	47	2006/1773	830	± 102
22	2006/781	197	± 31	48	2006/1889	673	± 86
23	2006/798	157	± 25	49	2006/1907	1197	± 141
24	2006/817	297	± 42	50	2006/1922	536	± 70
25	2006/852	483	± 67	51	2006/1937	725	± 91
26	2006/868	332	± 49	52	2006/1970	372	± 52

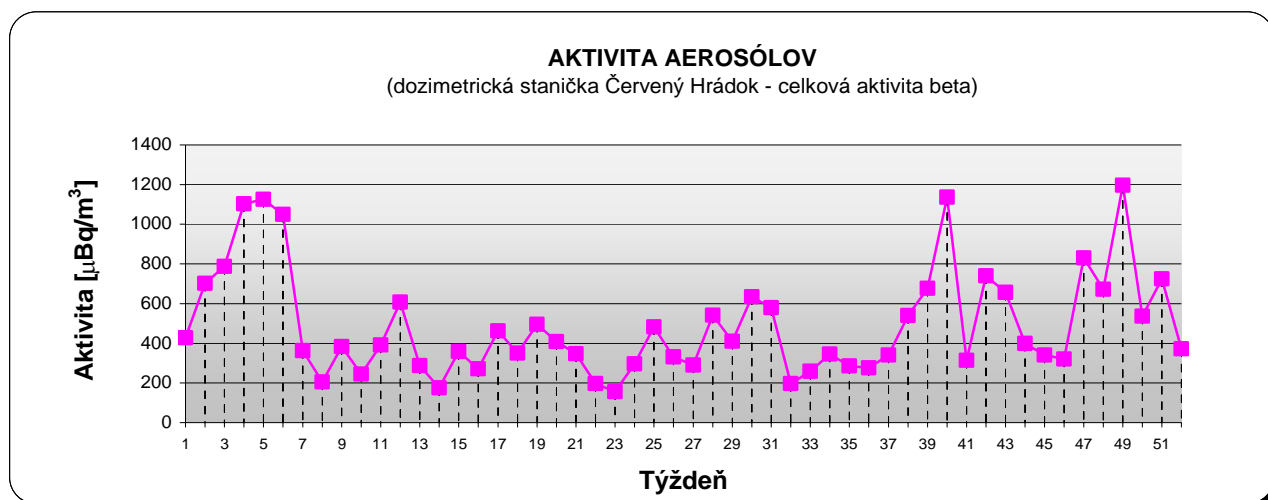


Table 229 Gross beta activity of aerosols - SDS Č. Hrádok, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

317

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/11	441	± 60	27	2007/929	234	± 35
2	2007/26	189	± 30	28	2007/946	120	± 20
3	2007/44	139	± 24	29	2007/1021	245	± 37
4	2007/83	148	± 24	30	2007/1096	325	± 48
5	2007/126	122	± 21	31	2007/1126	369	± 52
6	2007/160	119	± 20	32	2007/1159	187	± 30
7	2007/175	131	± 22	33	2007/1174	271	± 40
8	2007/192	199	± 31	34	2007/1242	223	± 35
9	2007/208	320	± 45	35	2007/1257	264	± 39
10	2007/276	88	± 15	36	2007/1291	153	± 25
11	2007/296	154	± 25	37	2007/1310	86	± 15
12	2007/331	90	± 15	38	2007/1358	298	± 46
13	2007/413	230	± 37	39	2007/1426	389	± 54
14	2007/430	240	± 36	40	2007/1453	297	± 43
15	2007/455	142	± 23	41	2007/1494	339	± 49
16	2007/486	264	± 39	42	2007/1514	253	± 38
17	2007/501	159	± 26	43	2007/1547	133	± 22
18	2007/570	225	± 34	44	2007/1634	331	± 47
19	2007/585	223	± 34	45	2007/1658	122	± 21
20	2007/630	173	± 28	46	2007/1733	39	± 8
21	2007/655	189	± 30	47	2007/1804	186	± 30
22	2007/733	292	± 43	48	2007/1852	284	± 43
23	2007/781	124	± 21	49	2007/1867	191	± 30
24	2007/797	227	± 35	50	2007/1910	150	± 24
25	2007/830	202	± 32	51	2007/1954	182	± 32
26	2007/845	164	± 26	52	2007/1969	469	± 62

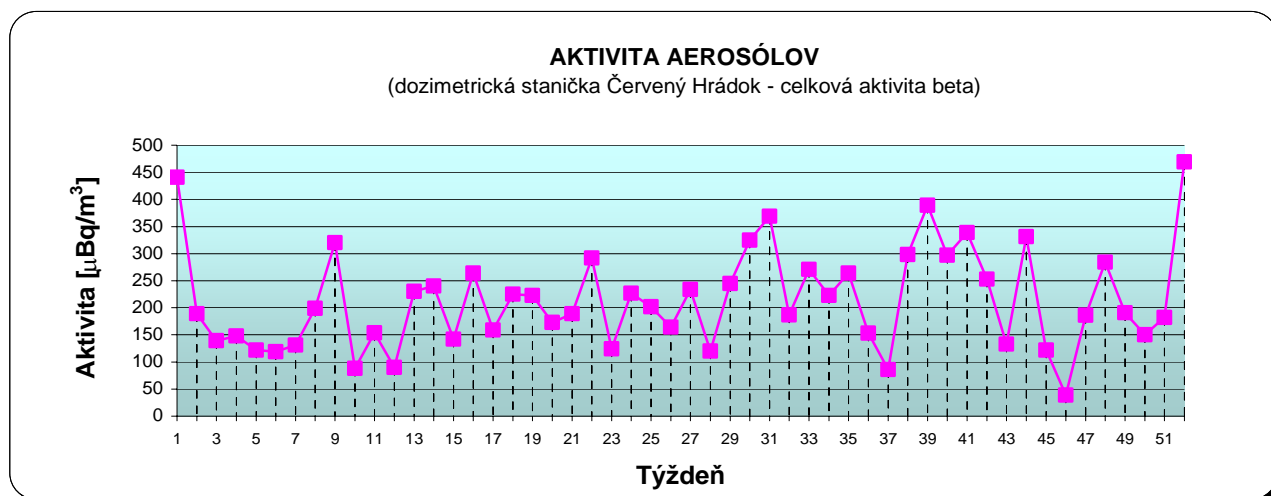


Table 230 Gross beta activity of aerosols - SDS Č. Hrádok, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/9	402	± 57	27	2008/986	149	± 13
2	2008/25	258	± 40	28	2008/1068	158	± 14
3	2008/40	270	± 40	29	2008/1092	166	± 14
4	2008/55	195	± 31	30	2008/1107	133	± 11
5	2008/125	110	± 19	31	2008/1175	131	± 11
6	2008/140	176	± 28	32	2008/1190	240	± 21
7	2008/167	185	± 29	33	2008/1217	159	± 14
8	2008/237	127	± 11	34	2008/1242	224	± 19
9	2008/304	215	± 18	35	2008/1288	164	± 14
10	2008/333	139	± 12	36	2008/1365	234	± 20
11	2008/373	146	± 13	37	2008/1403	364	± 31
12	2008/402	99	± 9	38	2008/1418	167	± 14
13	2008/418	99	± 9	39	2008/1505	98	± 8
14	2008/504	180	± 15	40	2008/1522	437	± 38
15	2008/523	116	± 10	41	2008/1558	213	± 18
16	2008/540	136	± 12	42	2008/1578	307	± 26
17	2008/611	108	± 9	43	2008/1600	265	± 23
18	2008/629	240	± 21	44	2008/1648	260	± 22
19	2008/648	143	± 12	45	2008/1721	293	± 25
20	2008/671	147	± 13	46	2008/1746	471	± 41
21	2008/705	189	± 16	47	2008/1761	515	± 44
22	2008/783	173	± 15	48	2008/1838	145	± 12
23	2008/806	245	± 21	49	2008/1878	170	± 15
24	2008/851	202	± 17	50	2008/1898	116	± 10
25	2008/868	127	± 11	51	2008/1943	187	± 16
26	2008/964	185	± 16	52	2008/2060	136	± 12

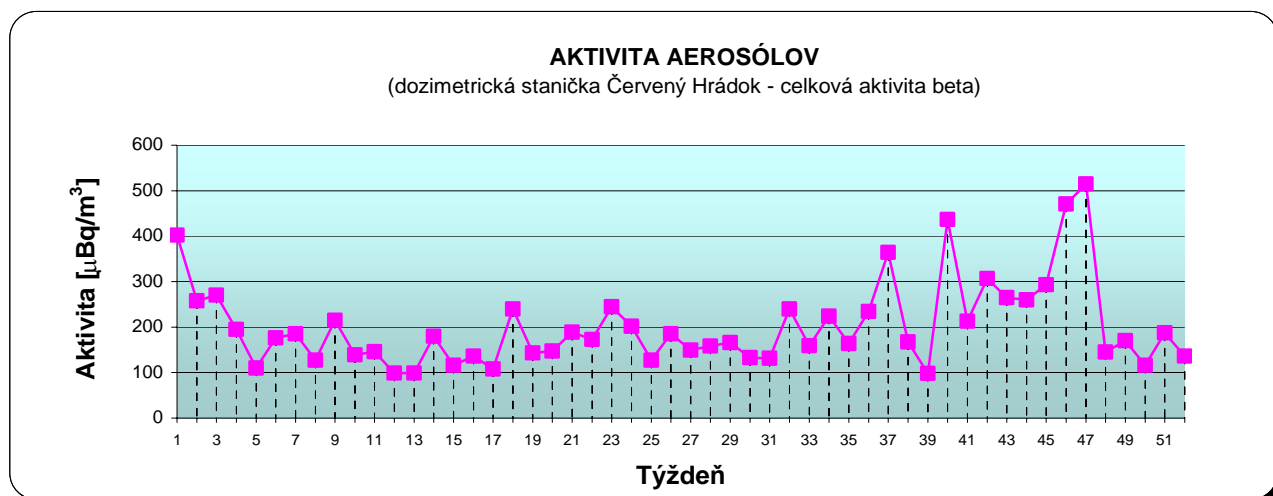


Table 231 Gross beta activity of aerosols - SDS Č. Hrádok, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

319

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/10	153	± 26	27	2005/1032	137	± 23
2	2005/25	291	± 41	28	2005/1063	165	± 26
3	2005/46	181	± 29	29	2005/1081	504	± 67
4	2005/61	124	± 21	30	2005/1097	225	± 34
5	2005/130	178	± 28	31	2005/1169	444	± 60
6	2005/161	434	± 58	32	2005/1200	65	± 12
7	2005/195	273	± 41	33	2005/1248	170	± 27
8	2005/260	260	± 38	34	2005/1374	204	± 32
9	2005/275	241	± 37	35	2005/1389	331	± 49
10	2005/310	252	± 38	36	2005/1427	308	± 44
11	2005/337	161	± 26	37	2005/1448	411	± 58
12	2005/354	234	± 36	38	2005/1463	259	± 38
13	2005/382	330	± 45	39	2005/1526	551	± 73
14	2005/401	349	± 50	40	2005/1554	445	± 61
15	2005/433	208	± 32	41	2005/1598	665	± 85
16	2005/494	329	± 47	42	2005/1617	345	± 49
17	2005/560	239	± 36	43	2005/1638	328	± 47
18	2005/643	213	± 33	44	2005/1730	398	± 55
19	2005/670	67	± 12	45	2005/1784	709	± 89
20	2005/703	158	± 25	46	2005/1890	694	± 90
21	2005/757	138	± 23	47	2005/1905	192	± 30
22	2005/824	296	± 43	48	2005/1998	245	± 37
23	2005/863	112	± 19	49	2005/2036	186	± 29
24	2005/883	259	± 38	50	2005/2062	348	± 49
25	2005/915	172	± 27	51	2005/2128	108	± 18
26	2005/1012	241	± 36	52	2005/2143	160	± 25

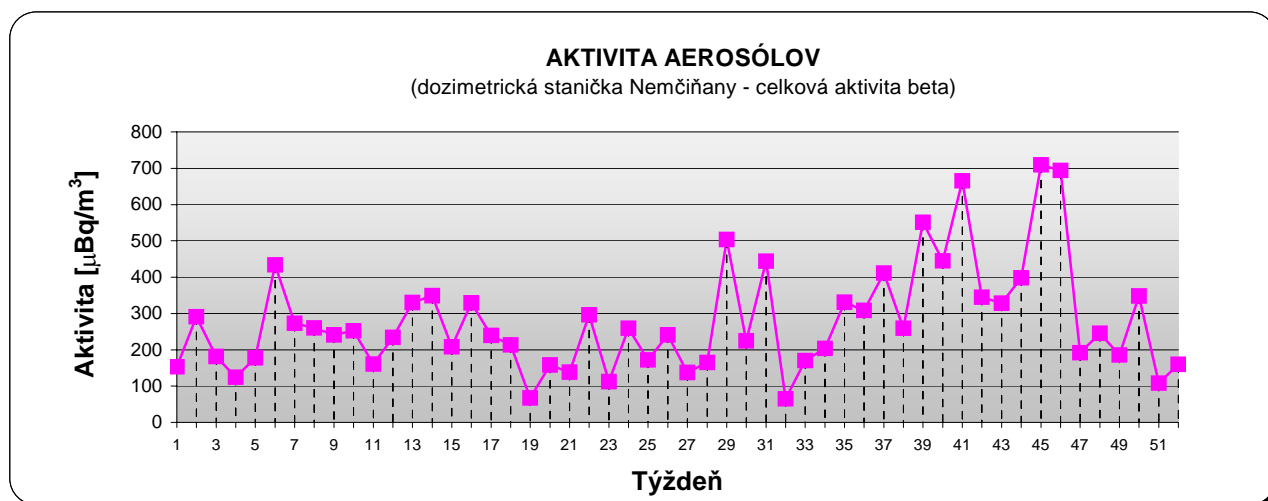


Table 232 Gross beta activity of aerosols - SDS Nemčiňany, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

320

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/11	255	± 39	27	2006/936	175	± 32
2	2006/26	456	± 64	28	*	*	*
3	2006/42	465	± 63	29	*	*	*
4	2006/58	651	± 81	30	*	*	*
5	2006/73	715	± 92	31	*	*	*
6	2006/88	639	± 82	32	*	*	*
7	2006/106	270	± 40	33	*	*	*
8	2006/135	197	± 31	34	*	*	*
9	2006/153	159	± 25	35	*	*	*
10	2006/266	135	± 22	36	*	*	*
11	2006/304	209	± 31	37	2006/1360	323	± 45
12	2006/373	341	± 47	38	2006/1378	564	± 72
13	2006/398	187	± 29	39	2006/1396	695	± 86
14	2006/420	76	± 13	40	2006/1491	1060	± 123
15	2006/451	153	± 24	41	2006/1509	339	± 47
16	2006/516	151	± 24	42	2006/1583	637	± 80
17	2006/539	220	± 33	43	2006/1668	565	± 71
18	2006/600	224	± 33	44	2006/1683	378	± 52
19	2006/650	285	± 41	45	2006/1724	260	± 39
20	2006/687	237	± 35	46	2006/1747	295	± 42
21	2006/709	177	± 28	47	2006/1774	783	± 95
22	2006/782	107	± 18	48	2006/1890	651	± 81
23	2006/799	79	± 14	49	2006/1908	1115	± 129
24	2006/818	168	± 26	50	2006/1923	545	± 70
25	2006/853	309	± 45	51	2006/1938	675	± 84
26	2006/869	346	± 48	52	2006/1971	312	± 44

* Porucha odberového zariadenia

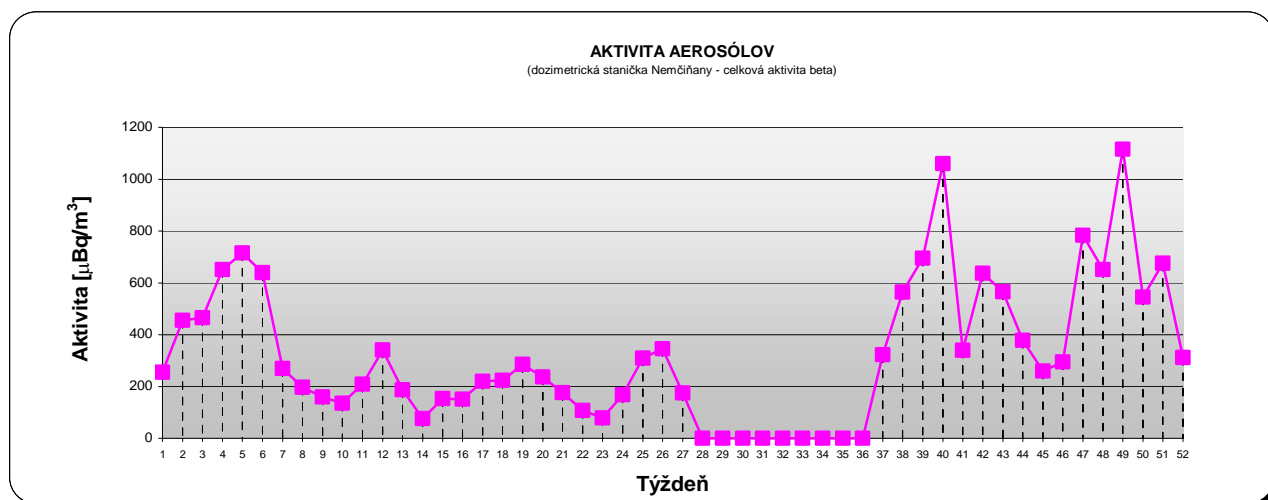


Table 233 Gross beta activity of aerosols - SDS Nemčiňany, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

321

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/12	382	± 52	27	2007/930	205	± 31
2	2007/27	170	± 26	28	2007/947	127	± 21
3	2007/45	134	± 22	29	2007/1022	204	± 32
4	2007/84	199	± 30	30	2007/1097	354	± 49
5	2007/127	96	± 16	31	2007/1127	240	± 36
6	2007/161	146	± 23	32	2007/1160	173	± 27
7	2007/176	143	± 23	33	2007/1175	297	± 43
8	2007/193	222	± 33	34	2007/1243	297	± 44
9	2007/209	296	± 42	35	2007/1258	286	± 41
10	2007/277	49	± 9	36	2007/1292	169	± 26
11	2007/297	122	± 20	37	2007/1311	73	± 13
12	2007/332	122	± 20	38	2007/1359	304	± 45
13	2007/414	171	± 27	39	2007/1427	250	± 37
14	2007/431	279	± 41	40	2007/1454	289	± 42
15	2007/456	174	± 27	41	2007/1495	336	± 47
16	2007/487	276	± 40	42	2007/1515	298	± 43
17	2007/502	175	± 27	43	2007/1548	165	± 26
18	2007/571	252	± 37	44	2007/1635	365	± 51
19	2007/586	192	± 30	45	2007/1659	97	± 17
20	2007/631	206	± 32	46	2007/1734	49	± 9
21	2007/656	196	± 30	47	2007/1805	192	± 30
22	2007/734	297	± 43	48	2007/1853	368	± 52
23	2007/782	132	± 22	49	2007/1868	273	± 40
24	2007/798	329	± 47	50	2007/1911	173	± 27
25	2007/831	224	± 34	51	2007/1955	292	± 41
26	2007/846	115	± 19	52	2007/1970	591	± 74

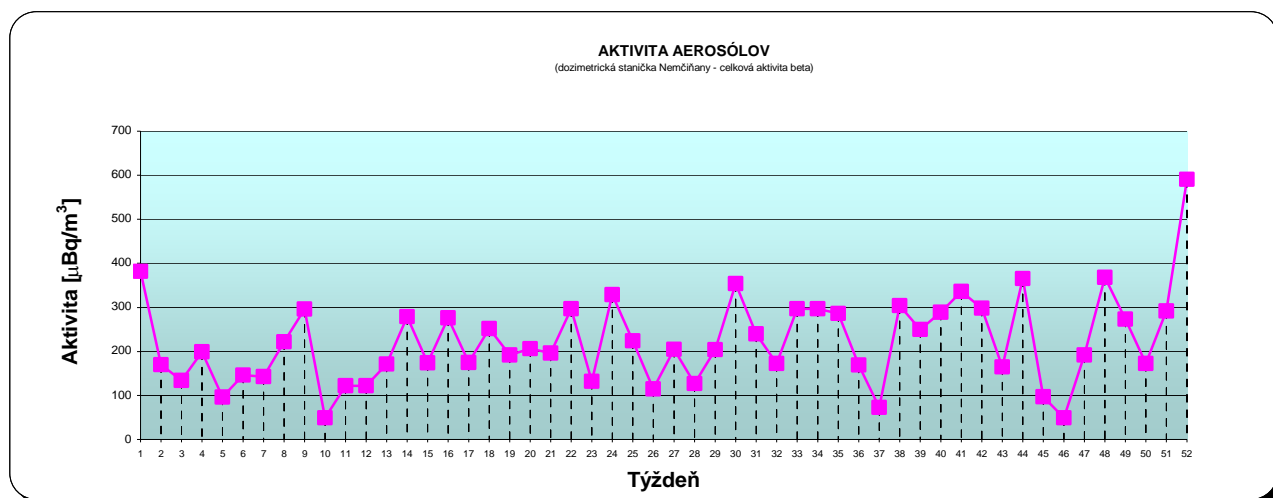


Table 234 Gross beta activity of aerosols - SDS Nemčiňany, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/10	506	± 69	27	2008/987	145	± 12
2	2008/26	382	± 55	28	2008/1069	282	± 24
3	2008/41	328	± 47	29	2008/1093	143	± 12
4	2008/56	229	± 35	30	2008/1108	161	± 14
5	2008/126	137	± 23	31	2008/1176	172	± 15
6	2008/141	240	± 37	32	2008/1191	245	± 21
7	2008/168	185	± 30	33	2008/1218	153	± 13
8	2008/238	216	± 19	34	2008/1243	193	± 17
9	2008/305	298	± 26	35	2008/1289	163	± 14
10	2008/334	149	± 13	36	2008/1366	233	± 20
11	2008/374	137	± 12	37	2008/1404	433	± 37
12	2008/403	112	± 10	38	2008/1419	150	± 13
13	2008/419	121	± 10	39	2008/1506	109	± 9
14	2008/505	181	± 16	40	2008/1523	395	± 34
15	2008/524	142	± 12	41	2008/1559	154	± 13
16	2008/541	165	± 14	42	2008/1579	421	± 36
17	2008/612	157	± 13	43	2008/1601	342	± 29
18	2008/630	260	± 22	44	2008/1649	339	± 29
19	2008/649	159	± 14	45	2008/1722	274	± 24
20	2008/672	259	± 22	46	2008/1747	468	± 40
21	2008/706	206	± 18	47	2008/1762	380	± 33
22	2008/784	112	± 10	48	2008/1839	126	± 11
23	2008/807	250	± 21	49	2008/1879	178	± 15
24	2008/852	207	± 18	50	2008/1899	126	± 11
25	2008/869	132	± 11	51	2008/1944	216	± 19
26	2008/965	211	± 18	52	2008/2061	134	± 12

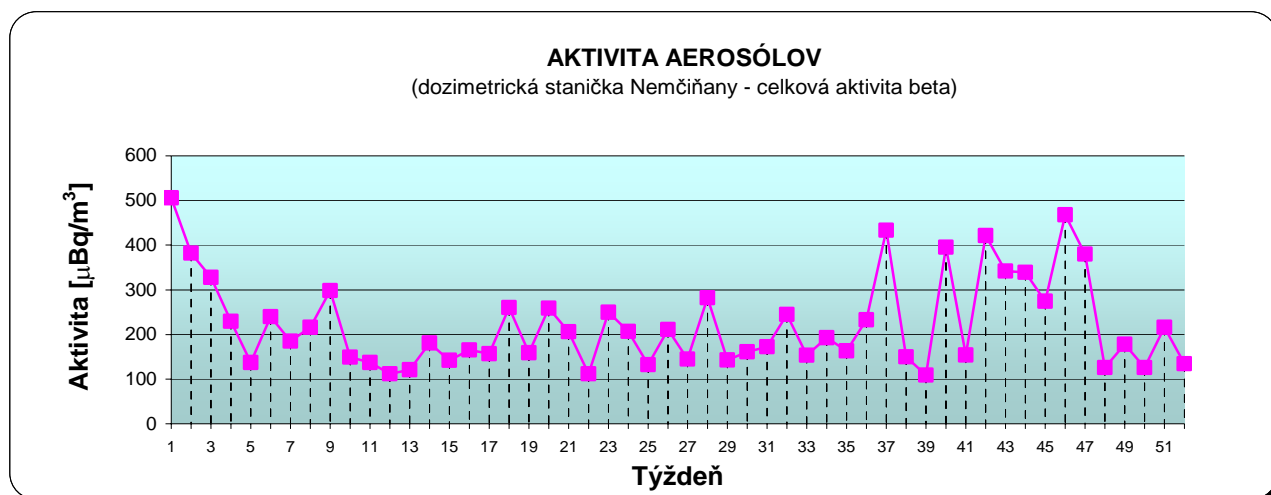


Table 235 Gross beta activity of aerosols - SDS Nemčiňany, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

323

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/11	247	± 39	27	2005/1033	223	± 35
2	2005/26	397	± 54	28	2005/1064	239	± 37
3	2005/47	254	± 38	29	2005/1082	346	± 50
4	2005/62	202	± 31	30	2005/1098	369	± 53
5	2005/131	308	± 45	31	2005/1170	356	± 51
6	2005/162	666	± 83	32	2005/1201	150	± 25
7	2005/196	657	± 87	33	2005/1249	315	± 45
8	2005/261	358	± 50	34	2005/1375	342	± 51
9	2005/276	356	± 52	35	2005/1390	428	± 61
10	2005/311	324	± 47	36	2005/1428	432	± 59
11	2005/338	232	± 36	37	2005/1449	562	± 77
12	2005/355	201	± 33	38	2005/1464	315	± 45
13	2005/383	473	± 62	39	2005/1527	697	± 90
14	2005/402	469	± 66	40	2005/1555	611	± 80
15	2005/434	399	± 56	41	2005/1599	855	± 106
16	2005/495	445	± 61	42	2005/1618	490	± 67
17	2005/561	332	± 48	43	2005/1639	436	± 60
18	2005/644	314	± 46	44	2005/1731	567	± 76
19	2005/671	175	± 28	45	2005/1785	936	± 115
20	2005/704	205	± 32	46	2005/1891	843	± 108
21	2005/758	192	± 31	47	2005/1906	288	± 42
22	2005/825	401	± 56	48	2005/1999	321	± 47
23	2005/864	173	± 28	49	2005/2037	242	± 37
24	2005/884	340	± 49	50	2005/2063	518	± 70
25	2005/916	295	± 44	51	2005/2129	152	± 25
26	2005/1013	305	± 45	52	2005/2144	207	± 32

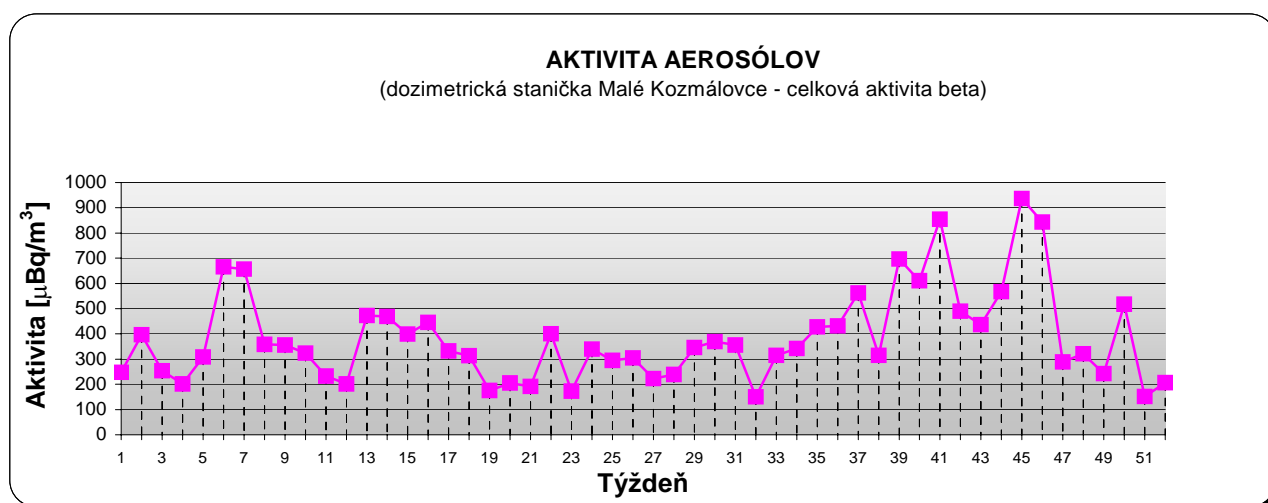


Table 236 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

324

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/12	341	± 51	27	2006/937	273	± 39
2	2006/27	482	± 68	28	2006/973	455	± 63
3	2006/43	698	± 90	29	2006/988	355	± 50
4	2006/59	871	± 106	30	2006/1114	574	± 74
5	2006/74	913	± 115	31	2006/1141	532	± 70
6	2006/89	826	± 103	32	2006/1160	148	± 24
7	2006/107	352	± 51	33	2006/1178	238	± 36
8	2006/136	290	± 43	34	2006/1199	383	± 53
9	2006/154	274	± 40	35	2006/1282	214	± 33
10	2006/267	213	± 33	36	2006/1329	229	± 35
11	2006/305	258	± 38	37	2006/1361	268	± 39
12	2006/374	488	± 65	38	2006/1379	496	± 66
13	2006/399	262	± 39	39	2006/1397	597	± 77
14	2006/421	134	± 22	40	2006/1492	976	± 116
15	2006/452	221	± 34	41	2006/1510	255	± 38
16	2006/517	216	± 33	42	2006/1584	500	± 65
17	2006/540	349	± 49	43	2006/1669	531	± 69
18	2006/601	262	± 38	44	2006/1684	346	± 49
19	2006/651	263	± 39	45	2006/1725	272	± 41
20	2006/688	401	± 55	46	2006/1748	258	± 38
21	2006/719	288	± 42	47	2006/1775	664	± 84
22	2006/783	169	± 27	48	2006/1891	544	± 71
23	2006/800	165	± 26	49	2006/1909	919	± 111
24	2006/819	234	± 34	50	2006/1924	483	± 64
25	2006/854	398	± 56	51	2006/1939	622	± 79
26	2006/870	460	± 62	52	2006/1972	267	± 39

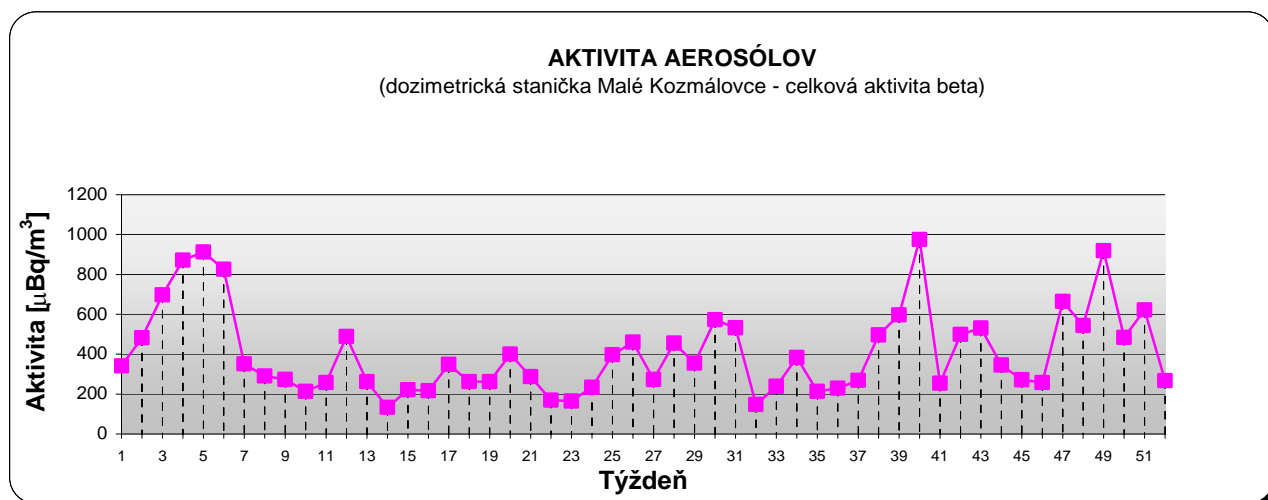


Table 237 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

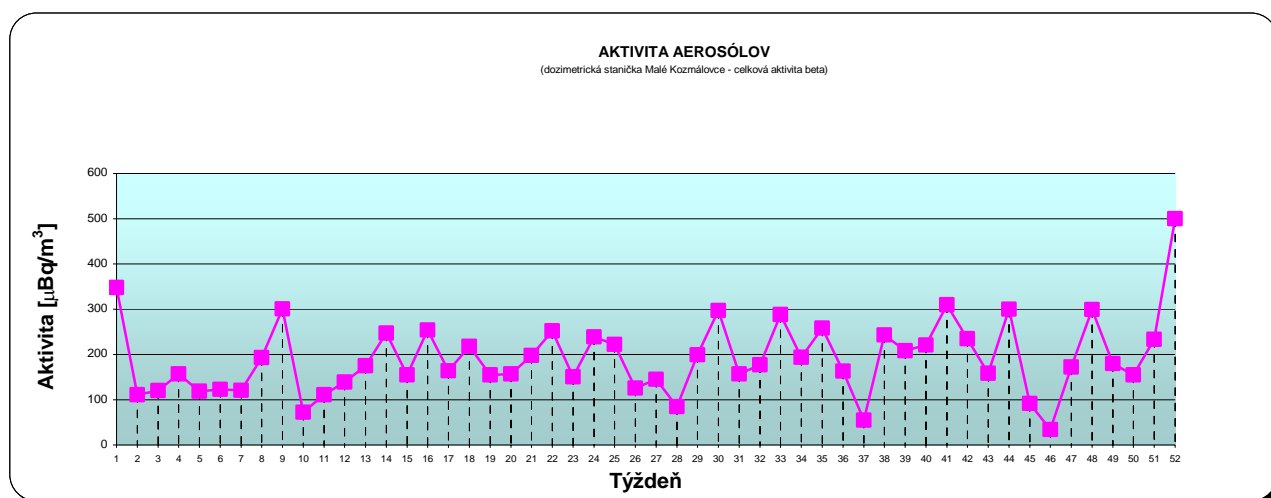
325

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/13	348	± 48	27	2007/931	145	± 24
2	2007/28	111	± 19	28	2007/948	85	± 15
3	2007/46	120	± 20	29	2007/1023	199	± 31
4	2007/85	157	± 25	30	2007/1098	297	± 43
5	2007/128	119	± 20	31	2007/1128	157	± 25
6	2007/162	123	± 20	32	2007/1161	177	± 28
7	2007/177	121	± 20	33	2007/1176	288	± 42
8	2007/194	193	± 30	34	2007/1244	194	± 31
9	2007/210	301	± 43	35	2007/1259	258	± 38
10	2007/278	72	± 13	36	2007/1293	163	± 25
11	2007/298	111	± 19	37	2007/1312	55	± 10
12	2007/333	139	± 23	38	2007/1360	243	± 37
13	2007/415	175	± 27	39	2007/1428	208	± 32
14	2007/432	247	± 37	40	2007/1455	221	± 33
15	2007/457	155	± 25	41	2007/1496	310	± 44
16	2007/488	254	± 37	42	2007/1516	235	± 35
17	2007/503	164	± 26	43	2007/1549	158	± 25
18	2007/572	218	± 33	44	2007/1636	300	± 43
19	2007/587	155	± 25	45	2007/1660	92	± 16
20	2007/632	157	± 25	46	2007/1735	34	± 7
21	2007/657	198	± 30	47	2007/1806	172	± 27
22	2007/735	252	± 37	48	2007/1854	299	± 44
23	2007/783	151	± 24	49	2007/1869	180	± 28
24	2007/799	239	± 36	50	2007/1912	155	± 24
25	2007/832	222	± 34	51	2007/1956	233	± 34
26	2007/847	126	± 21	52	2007/1971	500	± 65

**Table 238** Gross beta activity of aerosols - SDS Malé Kozmálovce, 2007**Správa o kontrole rádioaktivity v okolí SE-EMO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/11	415	± 59	27	2008/988	161	± 14
2	2008/27	293	± 44	28	2008/1070	242	± 21
3	2008/42	254	± 38	29	2008/1094	179	± 15
4	2008/57	189	± 30	30	2008/1109	142	± 12
5	2008/127	115	± 20	31	2008/1177	186	± 16
6	2008/142	217	± 33	32	2008/1192	242	± 21
7	2008/169	198	± 31	33	2008/1219	162	± 14
8	2008/239	224	± 19	34	2008/1244	218	± 19
9	2008/306	228	± 20	35	2008/1290	169	± 15
10	2008/335	129	± 11	36	2008/1367	194	± 17
11	2008/375	159	± 14	37	2008/1405	422	± 36
12	2008/404	76	± 7	38	2008/1420	209	± 18
13	2008/420	67	± 6	39	2008/1507	128	± 11
14	2008/506	227	± 20	40	2008/1524	373	± 32
15	2008/525	110	± 9	41	2008/1560	243	± 21
16	2008/542	149	± 13	42	2008/1580	379	± 33
17	2008/613	123	± 11	43	2008/1602	362	± 31
18	2008/631	219	± 19	44	2008/1650	312	± 27
19	2008/650	127	± 11	45	2008/1723	329	± 28
20	2008/673	172	± 15	46	2008/1748	419	± 36
21	2008/707	175	± 15	47	2008/1763	350	± 30
22	2008/785	147	± 13	48	2008/1840	115	± 10
23	2008/808	259	± 22	49	2008/1880	177	± 15
24	2008/853	223	± 19	50	2008/1900	164	± 14
25	2008/870	147	± 13	51	2008/1945	181	± 16
26	2008/966	218	± 19	52	2008/2062	150	± 13

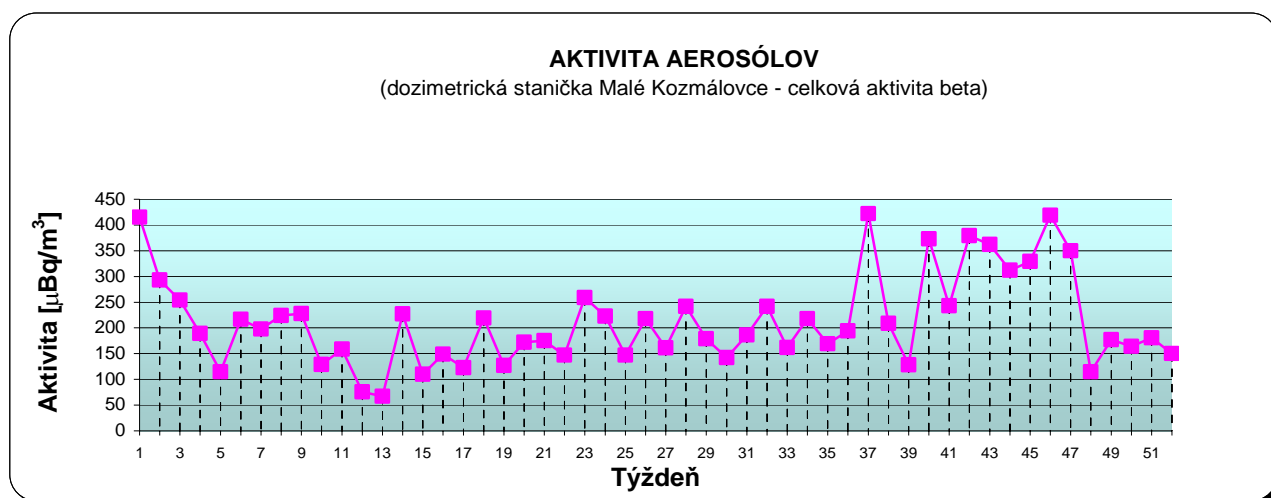


Table 239 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/12	244	± 39	27	2005/1034	220	± 34
2	2005/27	356	± 49	28	2005/1065	261	± 39
3	2005/48	292	± 43	29	2005/1083	292	± 43
4	2005/63	152	± 25	30	2005/1099	305	± 45
5	2005/132	328	± 50	31	2005/1171	668	± 86
6	2005/163	634	± 83	32	2005/1202	121	± 21
7	2005/197	628	± 83	33	2005/1250	251	± 37
8	2005/262	331	± 47	34	2005/1376	379	± 55
9	2005/277	302	± 45	35	2005/1391	422	± 60
10	2005/312	330	± 48	36	2005/1429	445	± 60
11	2005/339	211	± 33	37	2005/1450	591	± 80
12	2005/356	391	± 56	38	2005/1465	298	± 43
13	2005/384	479	± 63	39	2005/1528	765	± 97
14	2005/403	546	± 72	40	2005/1556	620	± 81
15	2005/435	377	± 53	41	2005/1600	893	± 110
16	2005/496	404	± 56	42	2005/1619	470	± 64
17	2005/562	328	± 47	43	2005/1640	549	± 73
18	2005/645	327	± 47	44	2005/1732	363	± 57
19	2005/672	121	± 21	45	2005/1786	1019	± 123
20	2005/705	227	± 35	46	2005/1892	944	± 118
21	2005/759	214	± 33	47	2005/1907	422	± 73
22	2005/826	404	± 56	48	2005/2000	344	± 50
23	2005/865	226	± 35	49	2005/2038	319	± 47
24	2005/885	355	± 51	50	2005/2064	543	± 72
25	2005/917	308	± 45	51	2005/2130	159	± 26
26	2005/1014	274	± 41	52	2005/2145	212	± 32

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

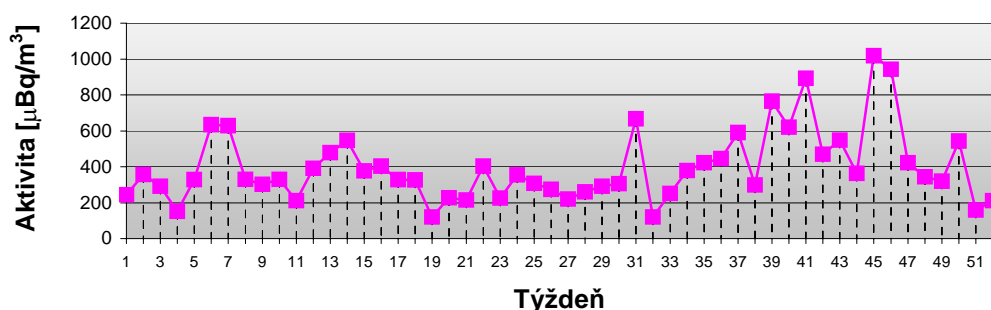


Table 240 Gross beta activity of aerosols - SDS Nový Tekov, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

328

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/13	410	± 59	27	2006/938	321	± 44
2	2006/28	573	± 78	28	2006/974	449	± 62
3	2006/44	701	± 90	29	2006/989	315	± 45
4	2006/60	910	± 110	30	2006/1115	588	± 75
5	2006/75	917	± 115	31	2006/1142	535	± 70
6	2006/90	855	± 106	32	2006/1161	163	± 26
7	2006/108	396	± 56	33	2006/1179	184	± 29
8	2006/137	259	± 39	34	2006/1200	386	± 53
9	2006/155	276	± 40	35	2006/1283	225	± 34
10	2006/268	220	± 33	36	2006/1330	200	± 31
11	2006/306	313	± 45	37	2006/1362	264	± 39
12	2006/375	437	± 59	38	2006/1380	432	± 58
13	2006/400	238	± 36	39	2006/1398	631	± 80
14	2006/422	114	± 19	40	2006/1493	918	± 110
15	2006/453	242	± 36	41	2006/1511	283	± 41
16	2006/518	203	± 31	42	2006/1585	562	± 73
17	2006/541	369	± 51	43	2006/1670	546	± 70
18	2006/602	265	± 39	44	2006/1685	340	± 48
19	2006/652	465	± 62	45	*	*	*
20	2006/689	312	± 44	46	2006/1749	343	± 56
21	2006/718	263	± 39	47	2006/1776	865	± 119
22	2006/784	143	± 23	48	2006/1892	553	± 72
23	2006/801	125	± 21	49	2006/1910	901	± 108
24	2006/820	228	± 33	50	2006/1925	486	± 64
25	2006/855	417	± 58	51	2006/1940	554	± 72
26	2006/871	441	± 59	52	2006/1973	271	± 39

* Porucha odberového zariadenia

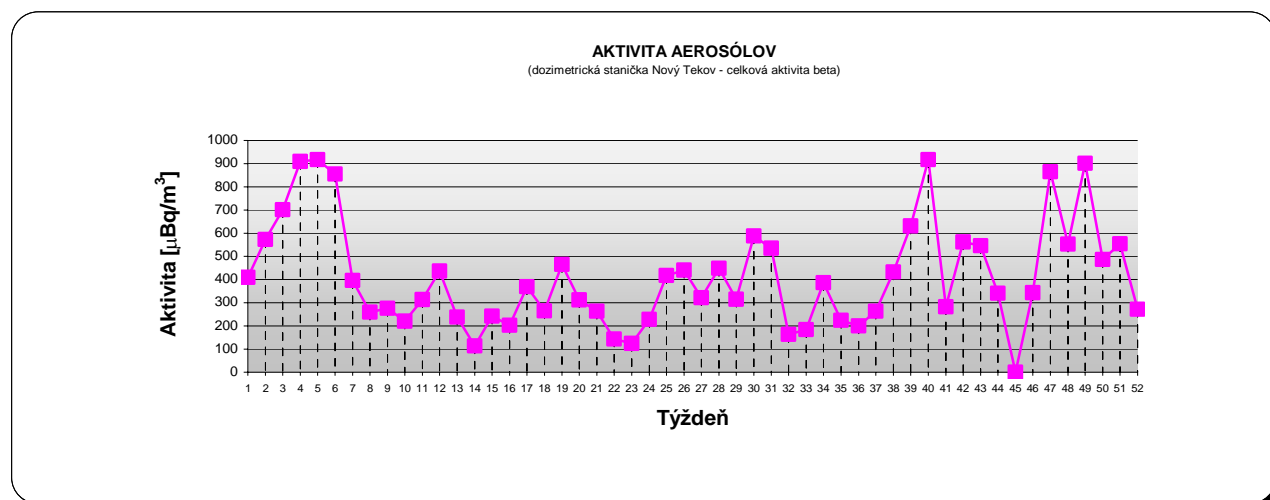


Table 241 Gross beta activity of aerosols - SDS Nový Tekov, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/14	307	± 44	27	2007/932	182	± 28
2	2007/29	93	± 16	28	2007/949	117	± 19
3	2007/47	128	± 21	29	2007/1024	172	± 28
4	2007/86	184	± 28	30	2007/1099	385	± 53
5	2007/129	75	± 13	31	2007/1129	226	± 34
6	2007/163	150	± 24	32	2007/1162	220	± 33
7	2007/178	123	± 20	33	2007/1177	273	± 40
8	2007/195	195	± 30	34	2007/1245	250	± 38
9	2007/211	314	± 44	35	2007/1260	281	± 41
10	2007/279	73	± 13	36	2007/1294	173	± 27
11	2007/299	110	± 18	37	2007/1313	42	± 8
12	2007/334	126	± 21	38	2007/1361	256	± 39
13	2007/416	146	± 24	39	2007/1429	238	± 36
14	2007/433	284	± 41	40	2007/1456	237	± 35
15	2007/458	165	± 26	41	2007/1497	309	± 44
16	2007/489	235	± 35	42	2007/1517	263	± 38
17	2007/504	139	± 23	43	2007/1550	154	± 25
18	2007/573	193	± 30	44	2007/1637	295	± 42
19	2007/588	180	± 28	45	2007/1661	87	± 15
20	2007/633	161	± 26	46	2007/1736	59	± 11
21	2007/658	198	± 30	47	2007/1807	149	± 24
22	2007/736	262	± 38	48	2007/1855	287	± 43
23	2007/784	101	± 17	49	2007/1870	218	± 33
24	2007/800	271	± 40	50	2007/1913	186	± 28
25	2007/833	195	± 30	51	2007/1957	219	± 33
26	2007/848	133	± 22	52	2007/1972	471	± 61

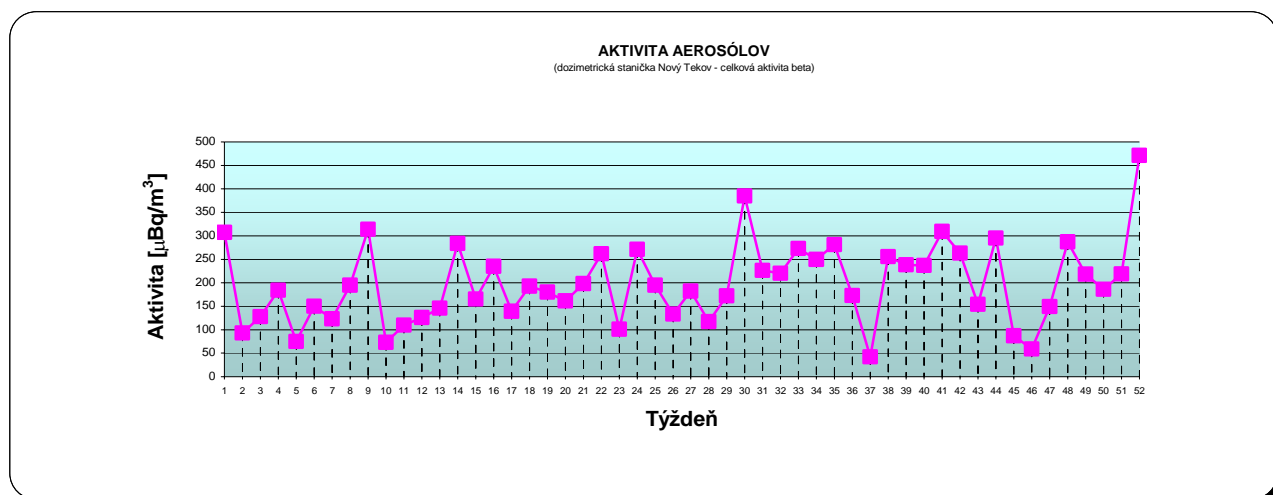


Table 242 Gross beta activity of aerosols - SDS Nový Tekov, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

330

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/12	426	± 60	27	2008/989	201	± 17
2	2008/28	324	± 48	28	2008/1071	220	± 19
3	2008/43	294	± 43	29	2008/1095	184	± 16
4	2008/58	222	± 35	30	2008/1110	150	± 13
5	2008/128	122	± 21	31	2008/1178	181	± 16
6	2008/143	185	± 30	32	2008/1193	206	± 18
7	2008/170	180	± 29	33	2008/1220	181	± 16
8	2008/240	216	± 19	34	2008/1245	232	± 20
9	2008/307	203	± 17	35	2008/1291	161	± 14
10	2008/336	107	± 9	36	2008/1368	232	± 20
11	2008/376	139	± 12	37	2008/1406	442	± 38
12	2008/405	110	± 9	38	2008/1421	202	± 17
13	2008/421	80	± 7	39	2008/1508	144	± 12
14	2008/507	171	± 15	40	2008/1525	352	± 30
15	2008/526	145	± 12	41	2008/1561	188	± 16
16	2008/543	166	± 14	42	2008/1581	403	± 35
17	2008/614	144	± 12	43	2008/1603	350	± 30
18	2008/632	207	± 18	44	2008/1651	328	± 28
19	2008/651	144	± 12	45	2008/1724	351	± 30
20	2008/674	160	± 14	46	2008/1749	467	± 40
21	2008/708	215	± 19	47	2008/1764	430	± 37
22	2008/786	158	± 14	48	2008/1841	125	± 11
23	2008/809	298	± 26	49	2008/1881	195	± 17
24	2008/854	239	± 21	50	2008/1901	156	± 13
25	2008/871	146	± 13	51	2008/1946	237	± 20
26	2008/967	235	± 20	52	2008/2063	147	± 13

AKTIVITA AEROSÓLOV

(dozimetrická stanica Nový Tekov - celková aktivita beta)

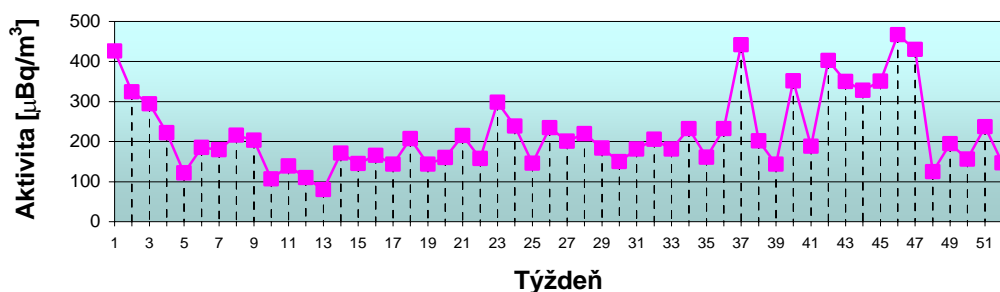


Table 243 Gross beta activity of aerosols - SDS Nový Tekov, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/13	263	± 41	27	2005/1035	253	± 38
2	2005/28	348	± 48	28	2005/1066	280	± 41
3	2005/49	307	± 44	29	2005/1084	400	± 55
4	2005/64	64	± 11	30	2005/1100	294	± 43
5	2005/133	326	± 47	31	2005/1172	556	± 73
6	2005/164	685	± 85	32	2005/1203	139	± 23
7	2005/198	656	± 86	33	2005/1251	299	± 43
8	2005/263	343	± 48	34	2005/1377	353	± 51
9	2005/278	324	± 48	35	2005/1392	423	± 60
10	2005/313	382	± 53	36	2005/1430	448	± 60
11	2005/340	225	± 34	37	2005/1451	498	± 68
12	2005/357	365	± 53	38	2005/1466	319	± 45
13	2005/385	465	± 60	39	2005/1529	807	± 102
14	2005/404	467	± 64	40	2005/1557	1300	± 177
15	2005/436	396	± 55	41	2005/1601	766	± 127
16	2005/497	462	± 62	42	2005/1620	420	± 58
17	2005/563	321	± 46	43	2005/1641	377	± 53
18	2005/646	308	± 44	44	2005/1733	560	± 74
19	2005/673	142	± 23	45	2005/1787	1009	± 121
20	2005/706	213	± 33	46	2005/1893	960	± 118
21	2005/760	226	± 34	47	2005/1908	275	± 40
22	2005/827	393	± 55	48	2005/2001	358	± 51
23	2005/866	185	± 29	49	2005/2039	189	± 30
24	2005/886	284	± 42	50	2005/2065	580	± 76
25	2005/918	286	± 42	51	2005/2131	162	± 26
26	2005/1015	264	± 39	52	*		

* Porucha odberového zariadenia

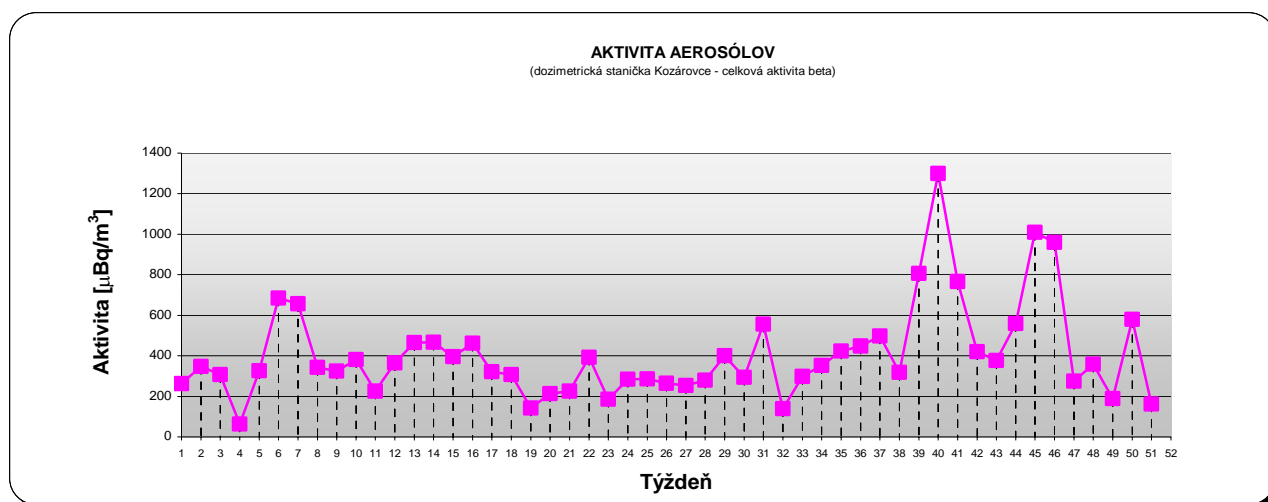


Table 244 Gross beta activity of aerosols - SDS Kozárovce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

332

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/14	369	± 53	27	2006/939	286	± 40
2	2006/29	571	± 77	28	2006/975	743	± 93
3	2006/45	635	± 82	29	2006/990	315	± 44
4	2006/61	923	± 110	30	2006/1116	517	± 67
5	2006/76	981	± 121	31	2006/1143	561	± 72
6	2006/91	912	± 111	32	2006/1162	178	± 27
7	2006/109	417	± 57	33	2006/1180	212	± 32
8	2006/138	276	± 41	34	2006/1201	374	± 51
9	2006/156	279	± 40	35	2006/1284	251	± 37
10	2006/269	168	± 26	36	2006/1331	197	± 30
11	2006/307	309	± 44	37	2006/1363	289	± 41
12	2006/376	451	± 60	38	2006/1381	497	± 65
13	2006/401	230	± 34	39	2006/1399	637	± 81
14	2006/423	155	± 24	40	2006/1494	1125	± 129
15	2006/454	304	± 43	41	2006/1512	290	± 41
16	2006/519	243	± 36	42	2006/1586	560	± 72
17	2006/542	387	± 53	43	2006/1671	521	± 66
18	2006/603	314	± 44	44	2006/1686	358	± 49
19	2006/653	443	± 59	45	2006/1727	246	± 37
20	2006/690	343	± 48	46	2006/1750	287	± 41
21	2006/708	255	± 37	47	2006/1777	863	± 103
22	2006/785	172	± 27	48	2006/1893	634	± 80
23	2006/802	101	± 17	49	2006/1911	1035	± 121
24	2006/821	230	± 33	50	2006/1926	519	± 67
25	2006/856	447	± 61	51	2006/1941	809	± 98
26	2006/872	461	± 61	52	*	*	*

* Porucha odberového zariadenia

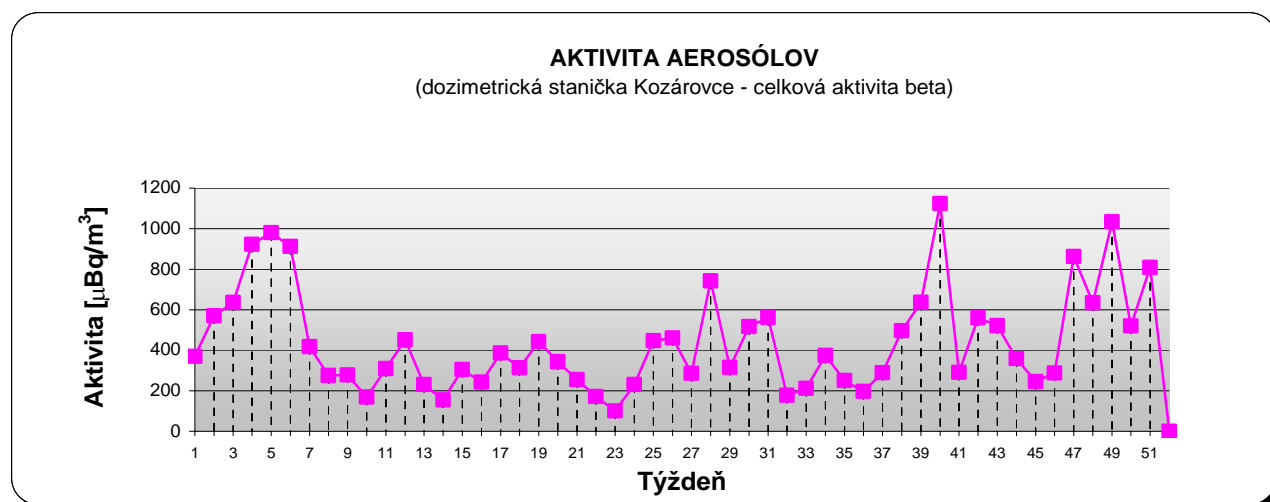


Table 245 Gross beta activity of aerosols - SDS Kozárovce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

333

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/15	333	± 46	27	2007/933	229	± 35
2	2007/30	132	± 21	28	2007/950	107	± 18
3	2007/48	105	± 18	29	2007/1025	229	± 36
4	2007/87	155	± 24	30	2007/1100	346	± 49
5	2007/130	47	± 9	31	2007/1130	166	± 26
6	2007/164	132	± 21	32	2007/1163	81	± 14
7	2007/179	119	± 19	33	2007/1178	308	± 44
8	2007/196	198	± 30	34	2007/1246	255	± 39
9	2007/212	318	± 44	35	2007/1261	313	± 45
10	2007/280	90	± 15	36	2007/1295	177	± 27
11	2007/300	142	± 23	37	2007/1314	73	± 13
12	2007/335	124	± 20	38	2007/1362	244	± 36
13	2007/417	166	± 26	39	2007/1430	305	± 47
14	2007/434	301	± 44	40	2007/1457	251	± 37
15	2007/459	149	± 24	41	2007/1498	283	± 41
16	2007/490	218	± 33	42	2007/1518	239	± 36
17	2007/505	192	± 30	43	2007/1551	143	± 23
18	2007/574	290	± 42	44	2007/1638	336	± 48
19	2007/589	196	± 31	45	2007/1662	87	± 15
20	2007/634	238	± 36	46	2007/1737	43	± 8
21	2007/659	199	± 31	47	2007/1808	192	± 30
22	2007/737	278	± 41	48	2007/1856	330	± 48
23	2007/785	104	± 18	49	*	*	*
24	2007/801	289	± 42	50	2007/1914	146	± 23
25	2007/834	224	± 34	51	2007/1958	249	± 36
26	2007/849	173	± 28	52	2007/1973	606	± 76

* Porucha odberového zariadenia

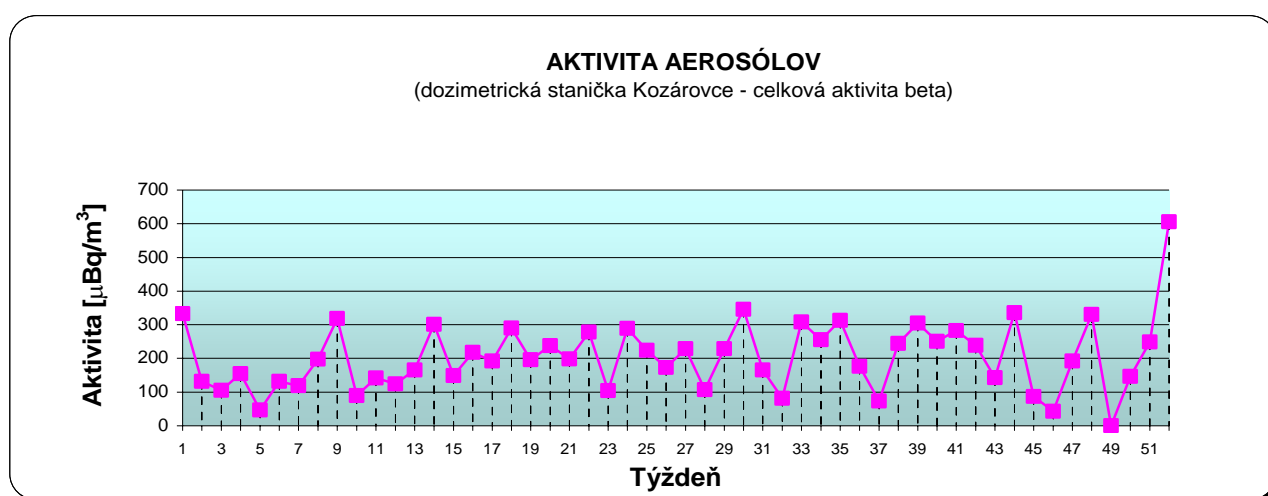


Table 246 Gross beta activity of aerosols - SDS Kozárovce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/13	391	± 56	27	2008/990	206	± 18
2	2008/29	293	± 45	28	2008/1072	204	± 18
3	2008/44	266	± 40	29	2008/1096	151	± 13
4	2008/59	187	± 30	30	2008/1111	147	± 13
5	2008/129	153	± 25	31	2008/1179	204	± 18
6	2008/144	175	± 28	32	2008/1194	155	± 13
7	2008/171	206	± 32	33	*	*	*
8	2008/241	157	± 13	34	*	*	*
9	2008/308	191	± 16	35	*	*	*
10	2008/337	137	± 12	36	*	*	*
11	2008/377	148	± 13	37	2008/1407	557	± 48
12	2008/406	81	± 7	38	2008/1422	231	± 20
13	2008/422	85	± 7	39	2008/1509	99	± 9
14	2008/508	165	± 14	40	2008/1526	345	± 30
15	2008/527	141	± 12	41	2008/1562	259	± 22
16	2008/544	153	± 13	42	2008/1582	381	± 33
17	2008/615	112	± 10	43	2008/1604	445	± 38
18	2008/633	231	± 20	44	2008/1652	353	± 30
19	2008/652	164	± 14	45	2008/1725	368	± 32
20	2008/675	220	± 19	46	2008/1750	478	± 41
21	2008/709	241	± 21	47	2008/1765	390	± 34
22	2008/787	206	± 18	48	2008/1842	120	± 10
23	2008/810	308	± 27	49	2008/1882	187	± 16
24	2008/855	223	± 19	50	2008/1902	163	± 14
25	2008/872	149	± 13	51	2008/1947	228	± 20
26	2008/968	237	± 20	52	2008/2064	127	± 11

* Porucha odberového zariadenia

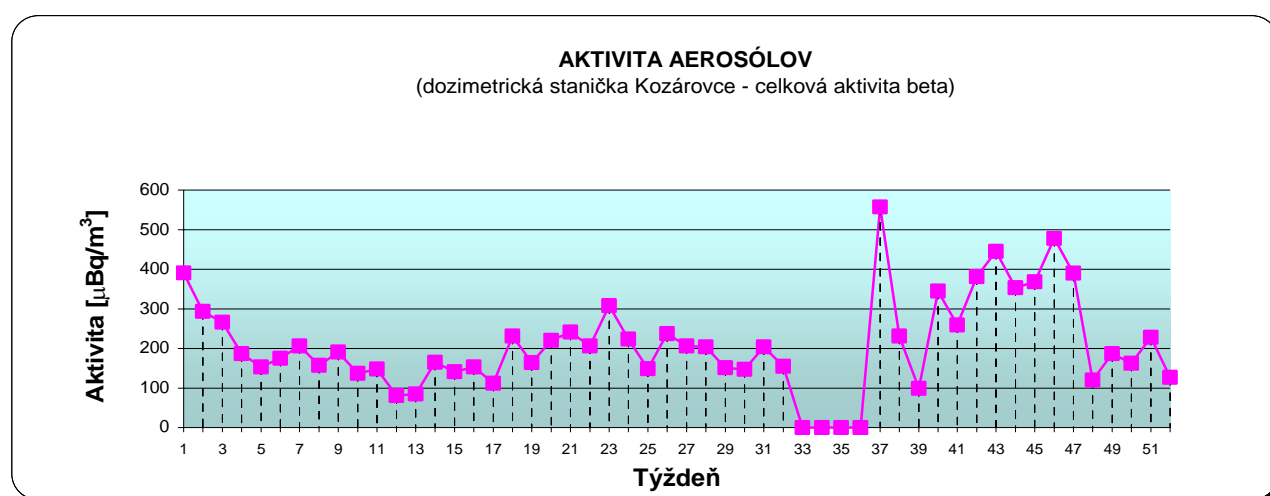


Table 247 Gross beta activity of aerosols - SDS Kozárovce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/14	291	± 45	27	2005/1036	250	± 38
2	2005/29	414	± 56	28	2005/1067	325	± 47
3	2005/50	334	± 48	29	2005/1085	463	± 63
4	2005/65	189	± 30	30	2005/1101	361	± 52
5	2005/134	328	± 47	31	2005/1173	565	± 75
6	2005/165	674	± 84	32	2005/1204	171	± 28
7	2005/199	680	± 89	33	2005/1252	307	± 44
8	2005/264	330	± 47	34	2005/1378	416	± 60
9	2005/279	413	± 59	35	2005/1393	481	± 67
10	2005/314	397	± 56	36	2005/1431	558	± 73
11	2005/341	217	± 34	37	2005/1452	756	± 98
12	2005/358	421	± 60	38	2005/1467	336	± 48
13	2005/386	487	± 63	39	2005/1530	894	± 110
14	2005/405	575	± 78	40	2005/1558	826	± 103
15	2005/437	421	± 58	41	2005/1602	976	± 119
16	2005/498	536	± 72	42	2005/1621	514	± 69
17	2005/564	361	± 52	43	2005/1642	547	± 73
18	2005/647	358	± 51	44	2005/1734	861	± 107
19	2005/674	145	± 24	45	2005/1788	1040	± 126
20	2005/707	253	± 38	46	2005/1894	986	± 123
21	2005/761	265	± 40	47	2005/1909	315	± 45
22	2005/828	474	± 64	48	2005/2002	423	± 59
23	2005/867	200	± 32	49	2005/2040	270	± 41
24	2005/887	395	± 55	50	2005/2066	500	± 68
25	2005/919	295	± 43	51	2005/2132	127	± 22
26	2005/1016	327	± 47	52	2005/2147	272	± 40

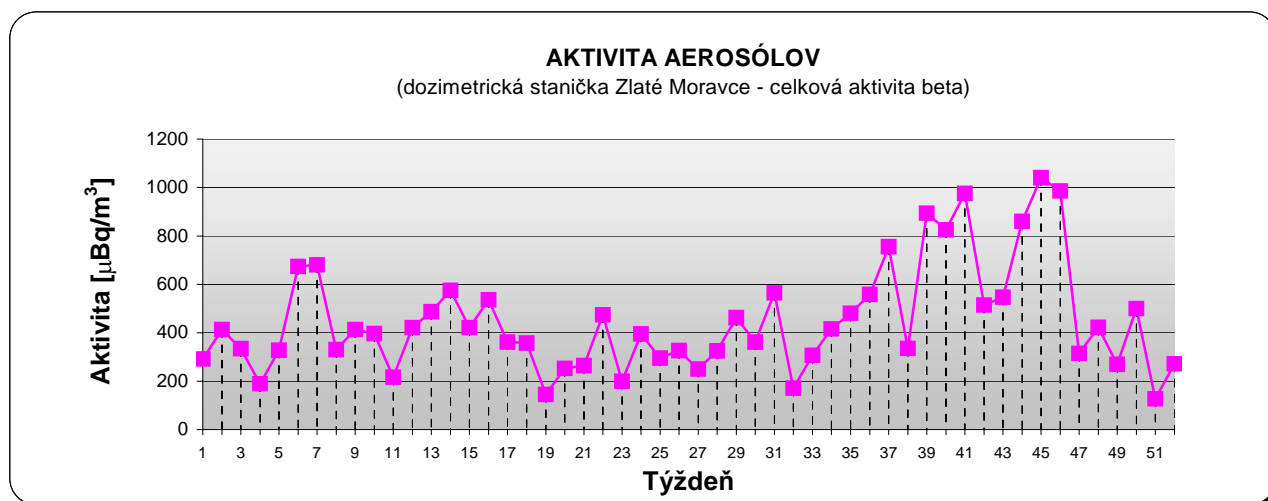


Table 248 Gross beta activity of aerosols - SDS Zlaté Moravce, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

336

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/15	354	± 52	27	2006/940	345	± 47
2	2006/30	503	± 70	28	2006/976	548	± 73
3	2006/46	721	± 92	29	2006/991	323	± 46
4	2006/62	975	± 117	30	2006/1117	637	± 81
5	2006/77	883	± 112	31	2006/1144	515	± 67
6	2006/92	955	± 117	32	2006/1163	171	± 27
7	2006/110	366	± 52	33	2006/1181	269	± 39
8	2006/139	291	± 43	34	2006/1202	441	± 59
9	2006/157	354	± 49	35	2006/1285	256	± 38
10	2006/270	213	± 33	36	2006/1332	225	± 34
11	2006/308	227	± 36	37	2006/1364	326	± 46
12	2006/377	539	± 70	38	2006/1382	564	± 73
13	2006/402	240	± 36	39	2006/1400	744	± 92
14	2006/424	169	± 27	40	2006/1495	1018	± 120
15	2006/455	287	± 43	41	2006/1513	280	± 41
16	2006/520	282	± 41	42	2006/1587	602	± 77
17	2006/543	462	± 62	43	2006/1672	565	± 72
18	2006/604	308	± 44	44	2006/1687	394	± 54
19	2006/654	449	± 60	45	2006/1728	217	± 34
20	2006/691	368	± 51	46	2006/1751	326	± 46
21	2006/710	296	± 43	47	2006/1778	759	± 94
22	2006/786	186	± 29	48	2006/1894	630	± 80
23	2006/803	180	± 28	49	2006/1912	1009	± 120
24	2006/822	257	± 37	50	2006/1927	574	± 74
25	2006/857	477	± 65	51	2006/1942	664	± 84
26	2006/873	480	± 64	52	2006/1975	232	± 35

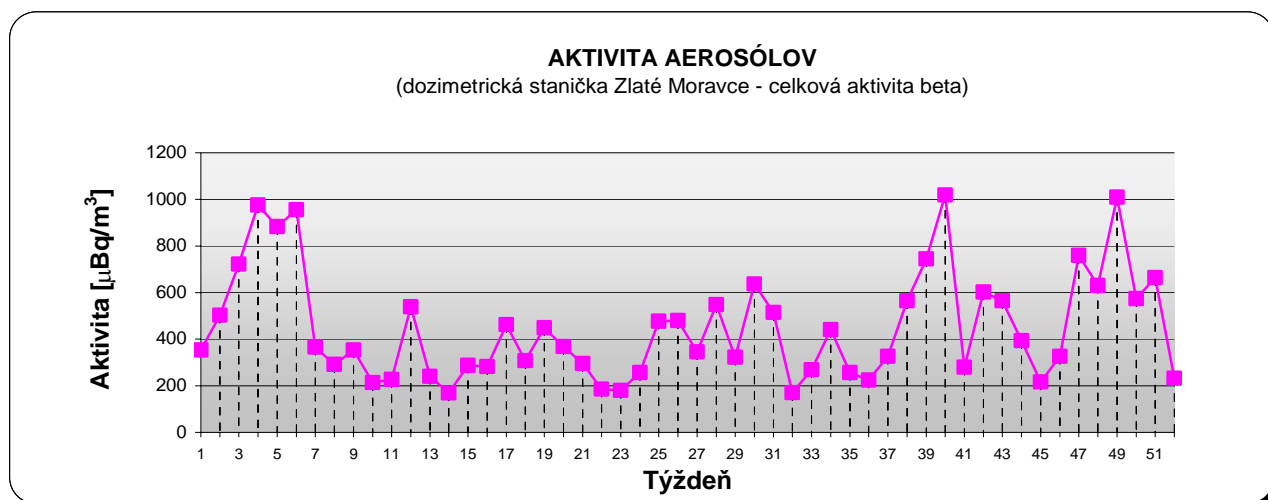


Table 249 Gross beta activity of aerosols - SDS Zlaté Moravce, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/16	358	± 50	27	2007/934	208	± 32
2	2007/31	168	± 27	28	2007/951	51	± 10
3	2007/49	144	± 24	29	*	*	
4	2007/88	181	± 28	30	*	*	
5	2007/131	89	± 15	31	*	*	
6	2007/165	116	± 19	32	*	*	
7	2007/180	135	± 22	33	2007/1179	316	± 47
8	2007/197	209	± 32	34	2007/1247	248	± 37
9	2007/213	295	± 42	35	2007/1262	215	± 33
10	2007/281	110	± 18	36	2007/1296	149	± 23
11	2007/301	158	± 25	37	2007/1315	78	± 14
12	2007/336	142	± 23	38	2007/1363	222	± 34
13	2007/418	182	± 28	39	2007/1431	213	± 32
14	2007/435	299	± 43	40	2007/1458	223	± 34
15	2007/460	122	± 20	41	2007/1499	235	± 35
16	2007/491	253	± 37	42	2007/1519	228	± 34
17	2007/506	174	± 27	43	2007/1552	139	± 23
18	2007/575	225	± 34	44	2007/1639	288	± 41
19	2007/590	177	± 28	45	2007/1663	85	± 15
20	2007/635	165	± 26	46	2007/1738	72	± 13
21	2007/660	217	± 33	47	2007/1809	147	± 24
22	2007/738	273	± 40	48	2007/1857	269	± 40
23	2007/786	156	± 25	49	2007/1872	181	± 28
24	2007/802	272	± 40	50	2007/1915	127	± 20
25	2007/835	211	± 32	51	2007/1959	175	± 27
26	2007/850	143	± 23	52	2007/1974	412	± 55

* Porucha odberového zariadenia

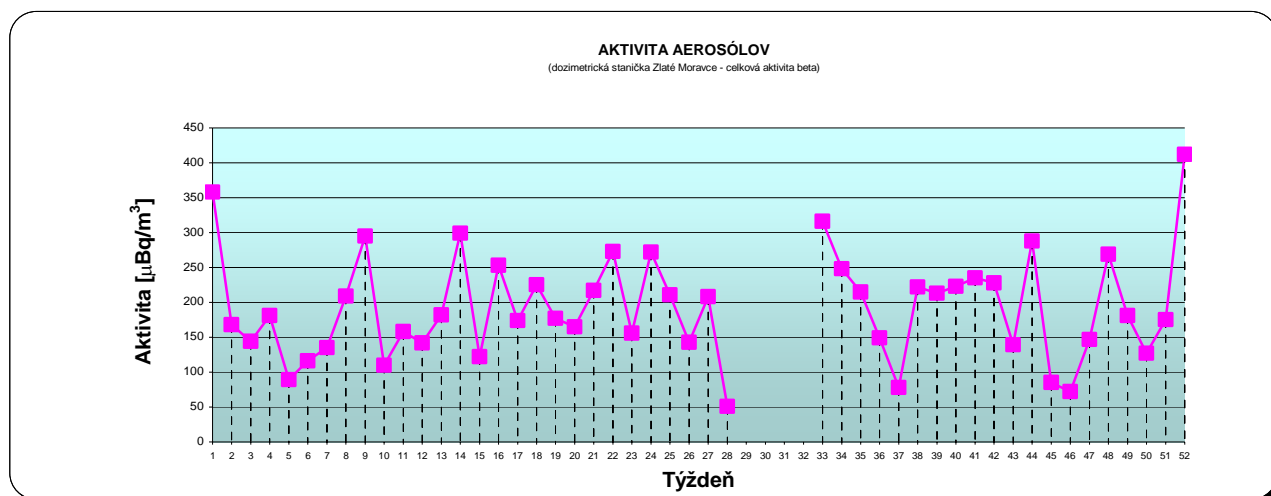


Table 250 Gross beta activity of aerosols - SDS Zlaté Moravce, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

338

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/14	339	± 50	27	2008/991	217	± 19
2	2008/30	274	± 42	28	2008/1073	217	± 19
3	2008/45	242	± 37	29	2008/1097	144	± 12
4	2008/60	191	± 31	30	2008/1112	166	± 14
5	2008/130	131	± 22	31	2008/1180	184	± 16
6	2008/145	191	± 30	32	2008/1195	326	± 28
7	2008/172	206	± 32	33	2008/1222	187	± 16
8	2008/242	231	± 20	34	2008/1247	213	± 18
9	2008/309	240	± 21	35	2008/1293	168	± 14
10	2008/338	121	± 10	36	2008/1370	253	± 22
11	2008/378	174	± 15	37	2008/1408	399	± 34
12	2008/407	124	± 11	38	2008/1423	140	± 12
13	2008/423	77	± 7	39	2008/1510	149	± 13
14	2008/509	193	± 17	40	2008/1527	444	± 38
15	2008/528	133	± 11	41	2008/1563	214	± 18
16	2008/545	148	± 13	42	2008/1583	337	± 29
17	2008/616	131	± 11	43	2008/1605	372	± 32
18	2008/634	241	± 21	44	2008/1653	350	± 30
19	2008/653	156	± 13	45	2008/1726	343	± 30
20	2008/676	155	± 13	46	2008/1751	521	± 45
21	2008/710	197	± 17	47	2008/1766	422	± 36
22	2008/788	172	± 15	48	2008/1843	114	± 10
23	2008/811	286	± 25	49	2008/1883	162	± 14
24	2008/856	246	± 21	50	2008/1903	161	± 14
25	2008/873	125	± 11	51	2008/1948	244	± 21
26	2008/969	242	± 21	52	2008/2065	151	± 13

* Porucha odberového zariadenia

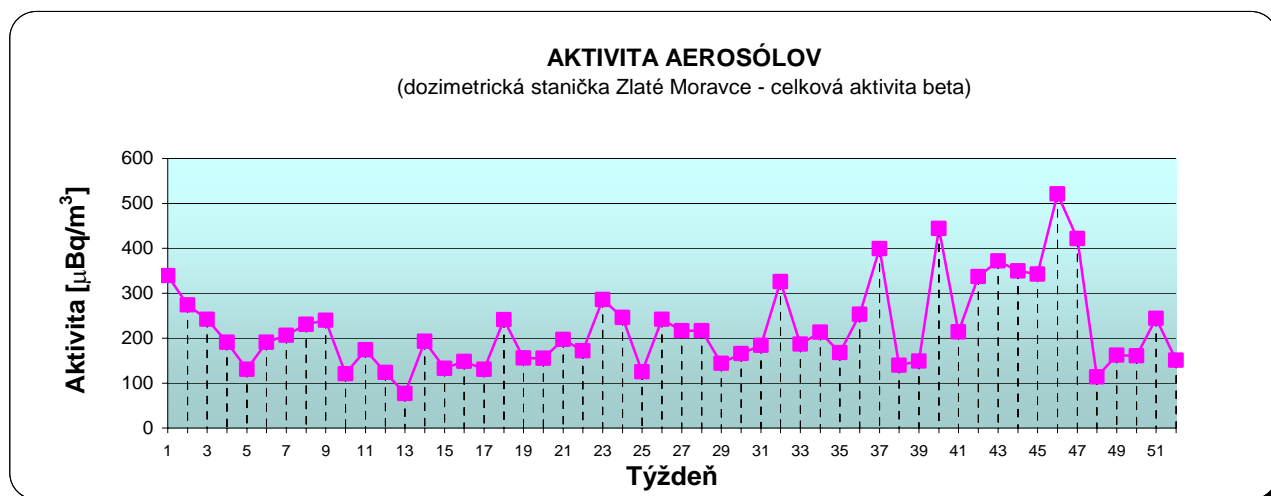


Table 251 Gross beta activity of aerosols - SDS Zlaté Moravce, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

339

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2005/15	242	± 39	27	2005/1037	209	± 32
2	2005/30	399	± 55	28	2005/1068	263	± 39
3	2005/51	322	± 47	29	2005/1086	361	± 51
4	2005/66	148	± 25	30	2005/1102	290	± 43
5	2005/135	283	± 42	31	2005/1174	784	± 98
6	2005/166	579	± 75	32	2005/1205	193	± 30
7	2005/200	673	± 88	33	2005/1253	147	± 22
8	2005/265	333	± 47	34	2005/1379	350	± 53
9	2005/280	314	± 48	35	2005/1394	378	± 54
10	2005/315	364	± 51	36	2005/1432	412	± 56
11	2005/342	176	± 28	37	2005/1453	545	± 74
12	2005/359	377	± 54	38	2005/1468	193	± 30
13	2005/387	445	± 58	39	2005/1531	731	± 92
14	2005/406	465	± 64	40	2005/1559	662	± 85
15	2005/438	323	± 46	41	2005/1603	905	± 110
16	2005/499	194	± 30	42	2005/1622	459	± 63
17	2005/565	350	± 50	43	2005/1643	407	± 56
18	2005/648	316	± 46	44	2005/1735	516	± 69
19	2005/675	142	± 23	45	2005/1789	1047	± 125
20	2005/708	204	± 32	46	2005/1895	924	± 115
21	2005/762	154	± 25	47	2005/1910	258	± 38
22	2005/829	403	± 56	48	2005/2004	361	± 51
23	2005/868	172	± 27	49	2005/2041	286	± 42
24	2005/888	308	± 45	50	2005/2067	498	± 67
25	2005/920	322	± 46	51	2005/2133	94	± 16
26	2005/1017	266	± 40	52	2005/2148	246	± 37

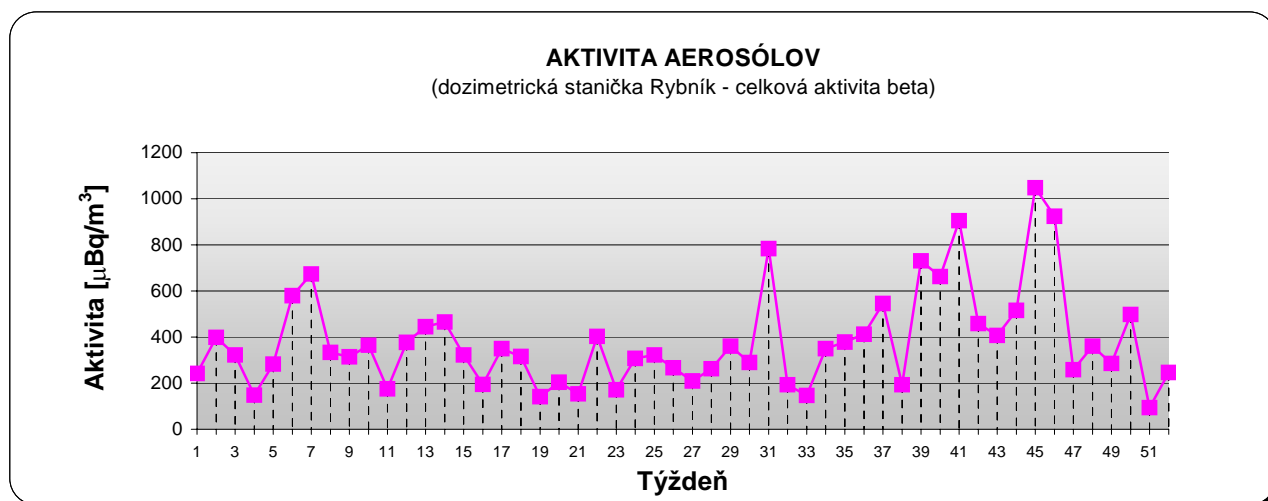


Table 252 Gross beta activity of aerosols - SDS Rybník, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

340

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2006/16	322	± 53	27	2006/941	307	± 42
2	2006/31	465	± 65	28	2006/977	527	± 70
3	2006/47	586	± 76	29	2006/992	330	± 46
4	2006/63	648	± 81	30	2006/1118	623	± 79
5	2006/78	785	± 100	31	2006/1145	440	± 59
6	2006/93	699	± 89	32	2006/1164	127	± 21
7	2006/111	335	± 48	33	2006/1182	216	± 32
8	2006/140	254	± 38	34	2006/1203	349	± 48
9	2006/158	305	± 43	35	2006/1286	245	± 36
10	2006/271	198	± 30	36	2006/1333	217	± 33
11	2006/309	285	± 41	37	2006/1365	258	± 38
12	2006/378	507	± 66	38	2006/1383	502	± 65
13	2006/403	257	± 38	39	2006/1401	565	± 72
14	2006/425	145	± 23	40	2006/1496	1079	± 125
15	2006/456	292	± 42	41	2006/1514	266	± 39
16	2006/521	190	± 29	42	2006/1588	572	± 73
17	2006/544	376	± 52	43	2006/1673	515	± 66
18	2006/605	353	± 49	44	2006/1688	375	± 51
19	2006/655	395	± 54	45	2006/1729	233	± 35
20	2006/692	316	± 45	46	2006/1752	289	± 41
21	2006/720	281	± 41	47	2006/1779	715	± 88
22	2006/787	126	± 21	48	2006/1895	631	± 79
23	2006/804	136	± 22	49	2006/1913	1041	± 122
24	2006/823	225	± 33	50	2006/1928	499	± 65
25	2006/858	422	± 58	51	2006/1943	625	± 79
26	2006/874	487	± 65	52	2006/1976	318	± 45

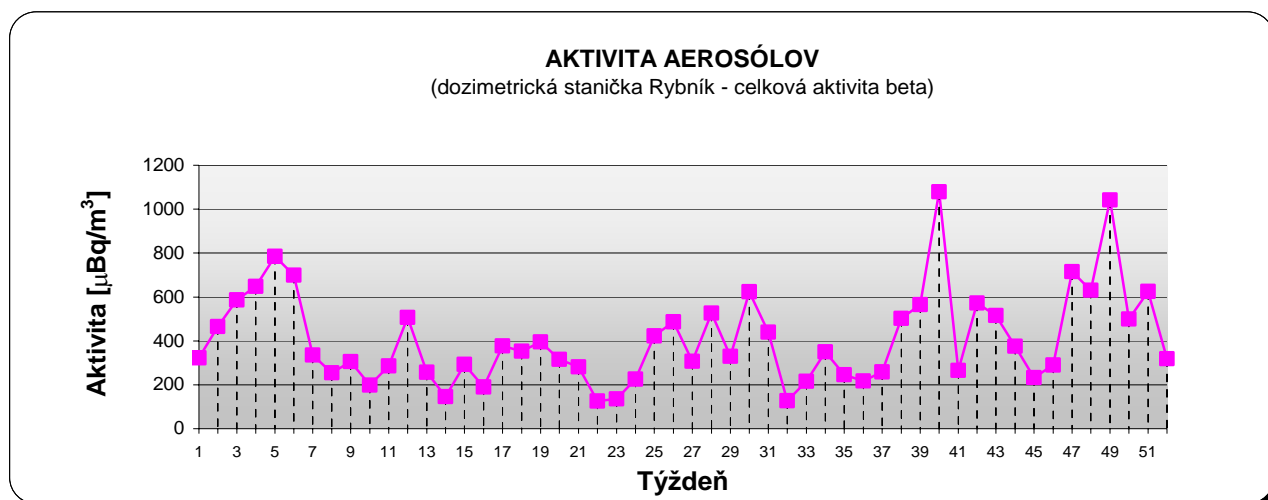


Table 253 Gross beta activity of aerosols - SDS Rybník, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

341

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2007/17	341	± 47	27	2007/935	120	± 20
2	2007/32	135	± 22	28	2007/952	118	± 19
3	2007/50	145	± 23	29	2007/1027	182	± 29
4	2007/89	182	± 28	30	2007/1102	352	± 49
5	2007/132	110	± 18	31	2007/1132	155	± 24
6	2007/166	118	± 19	32	2007/1165	48	± 9
7	2007/181	136	± 22	33	2007/1180	270	± 39
8	2007/198	194	± 29	34	2007/1248	246	± 37
9	2007/214	287	± 41	35	2007/1263	283	± 41
10	2007/282	83	± 14	36	2007/1297	126	± 20
11	2007/302	156	± 24	37	2007/1316	51	± 9
12	2007/337	173	± 27	38	2007/1364	252	± 38
13	2007/419	153	± 24	39	2007/1432	211	± 32
14	2007/436	269	± 39	40	2007/1459	288	± 41
15	2007/461	157	± 25	41	2007/1500	300	± 43
16	2007/492	197	± 30	42	2007/1520	246	± 36
17	2007/507	164	± 26	43	2007/1553	148	± 24
18	2007/576	247	± 36	44	2007/1640	355	± 49
19	2007/591	145	± 23	45	2007/1664	79	± 14
20	2007/636	122	± 20	46	2007/1739	51	± 9
21	2007/661	157	± 25	47	2007/1810	168	± 26
22	2007/739	238	± 37	48	2007/1858	306	± 44
23	2007/787	103	± 18	49	2007/1873	190	± 29
24	2007/803	182	± 28	50	2007/1916	166	± 25
25	2007/836	182	± 28	51	2007/1960	260	± 37
26	2007/851	137	± 22	52	2007/1975	537	± 68

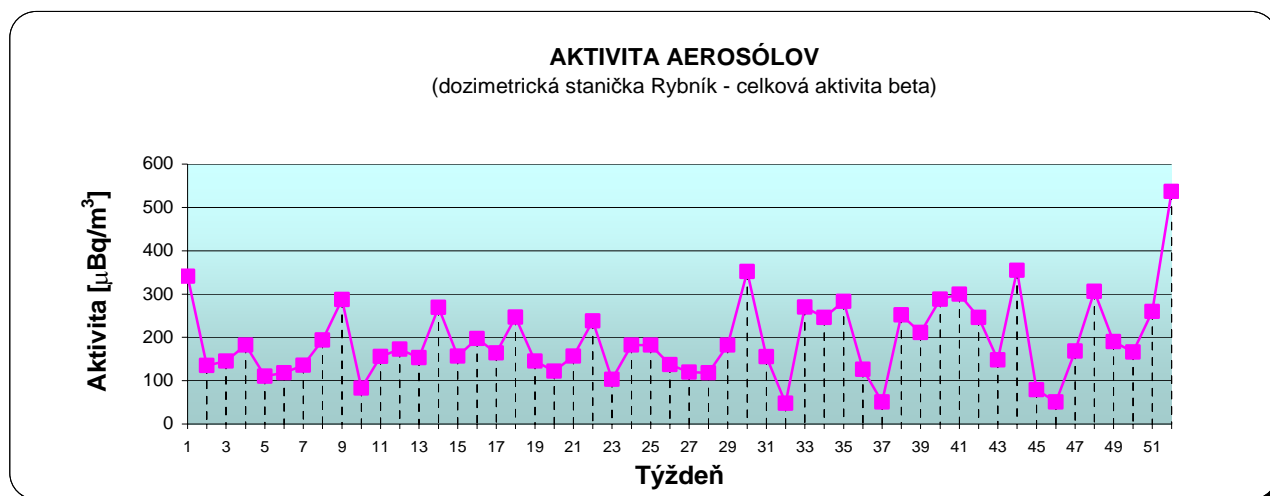


Table 254 Gross beta activity of aerosols - SDS Rybník, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

342

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]		Týždeň	Evidenčné číslo protokolu	Aktivita [$\mu\text{Bq}/\text{m}^3$]	
1	2008/15	441	± 61	27	2008/992	190	± 16
2	2008/31	317	± 47	28	2008/1074	204	± 18
3	2008/46	261	± 39	29	2008/1098	179	± 15
4	2008/61	171	± 27	30	2008/1113	155	± 13
5	2008/131	112	± 19	31	2008/1181	218	± 19
6	2008/146	210	± 32	32	2008/1196	248	± 21
7	2008/173	190	± 30	33	2008/1223	131	± 11
8	2008/243	233	± 20	34	2008/1248	217	± 19
9	2008/310	224	± 19	35	2008/1294	183	± 16
10	2008/339	91	± 8	36	2008/1371	183	± 16
11	2008/379	138	± 12	37	2008/1409	465	± 40
12	2008/408	47	± 4	38	2008/1424	179	± 15
13	2008/424	88	± 8	39	2008/1511	152	± 13
14	2008/510	179	± 15	40	2008/1528	352	± 30
15	2008/529	113	± 10	41	2008/1564	154	± 13
16	2008/546	180	± 15	42	2008/1584	351	± 30
17	2008/617	96	± 8	43	2008/1606	419	± 36
18	2008/635	214	± 18	44	2008/1654	286	± 25
19	2008/654	139	± 12	45	2008/1727	332	± 29
20	2008/677	132	± 11	46	2008/1752	472	± 41
21	2008/711	208	± 18	47	2008/1767	311	± 27
22	2008/789	166	± 14	48	2008/1844	113	± 10
23	2008/812	276	± 24	49	2008/1884	162	± 14
24	2008/857	244	± 21	50	2008/1904	164	± 14
25	2008/874	164	± 14	51	2008/1949	198	± 17
26	2008/970	221	± 19	52	2008/2066	113	± 10

AKTIVITA AEROSÓLOV

(dozimetrická stanica Rybník - celková aktivita beta)

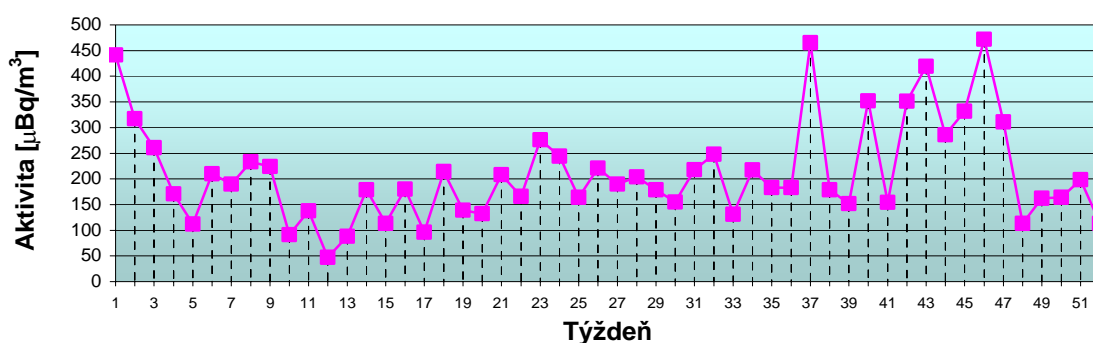


Table 255 Gross beta activity of aerosols - SDS Rybník, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

343

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV
(dozimetrická stanica Nový Tekov - ⁹⁰Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr
		[μBq/m ³]			[μBq/m ³]			[μBq/m ³]			[μBq/m ³]
6	2006/90	0,8 ± 0,1	18	2006/602	1,5 ± 0,2	32	2006/1161	2,0 ± 0,3	44	2006/1685	3,2 ± 0,4

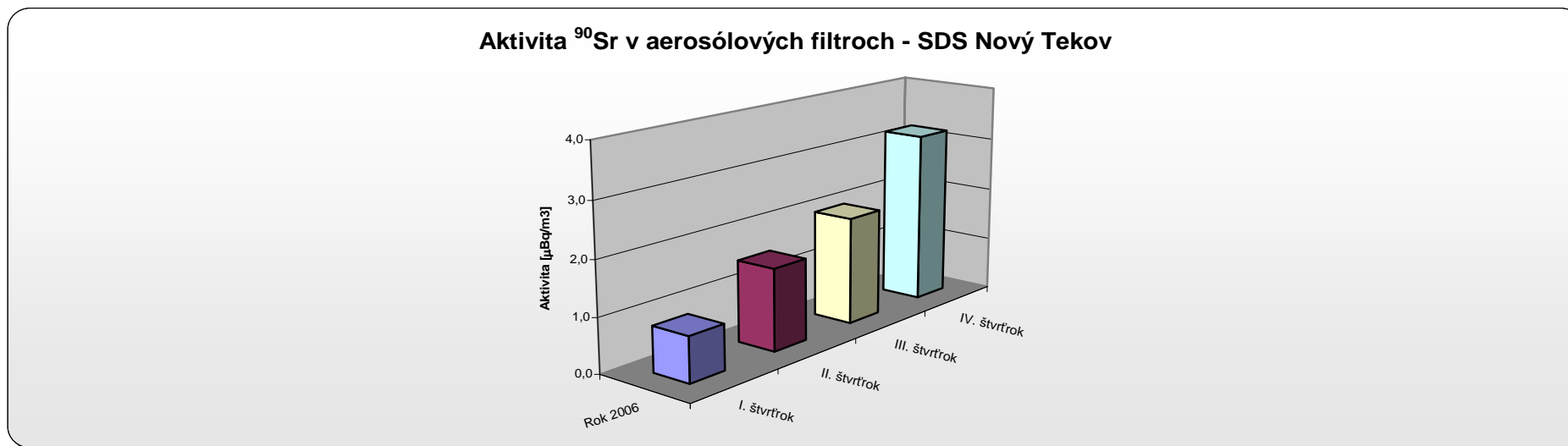


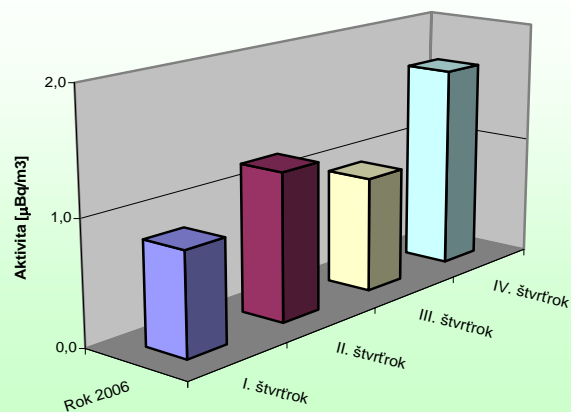
Table 256 ⁹⁰Sr aerosol activity - SDS Nový Tekov, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV(dozimetrická stanica Nový Tekov - ^{90}Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita- ^{90}Sr	Tý	Evidenčné číslo protokolu	Aktivita- ^{90}Sr	Tý	Evidenčné číslo protokolu	Aktivita- ^{90}Sr	Tý	Evidenčné číslo protokolu	Aktivita- ^{90}Sr
		[$\mu\text{Bq}/\text{m}^3$]			[$\mu\text{Bq}/\text{m}^3$]			[$\mu\text{Bq}/\text{m}^3$]			[$\mu\text{Bq}/\text{m}^3$]
6	2007/163	0,8 ± 0,1	18	2007/573	1,2 ± 0,2	32	2007/1162	0,9 ± 0,2	44	2007/1661	1,7 ± 0,3

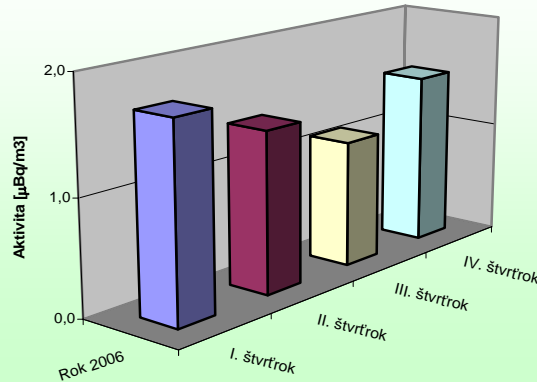
Aktivita ^{90}Sr v aerosólových filtroch - SDS Nový Tekov[Table 257 \$^{90}\text{Sr}\$ aerosol activity - SDS Nový Tekov, 2007](#)**Správa o kontrole rádioaktivity v okolí SE-EMO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA AEROSÓLOV
(dozimetrická stanica Nový Tekov - ⁹⁰Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr	Tý	Evidenčné číslo protokolu	Aktivita- ⁹⁰ Sr
		[μBq/m ³]			[μBq/m ³]			[μBq/m ³]			[μBq/m ³]
6	2008/143	1,7 ± 0,5	18	2008/632	1,4 ± 0,4	32	2008/1193	1,1 ± 0,3	44	2008/1724	1,5 ± 0,4

Aktivita ⁹⁰Sr v aerosólových filtroch - SDS Nový Tekov



[Table 258 ⁹⁰Sr aerosol activity - SDS Nový Tekov, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické stanice - gamaspektrometria

Rádionuklid Lokalita\Štvrťrok	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	C. hmotnosť spadov [g]
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	
LRKO	1. 2005/0407	<1,48	<1,44	<15,1	55,4 ± 6,3	<3,45	<5,10	0,0560
	2. 2005/1038	<1,01	<0,911	<11,3	165 ± 11	<2,08	<3,24	0,1628
	3. 2005/1560	<1,44	<1,46	<17,1	162 ± 12	<3,47	<5,29	0,0800
	4. 2005/2156	<1,17	<1,10	<10,6	136 ± 10	<2,45	<3,76	0,0702
Levice	1. 2005/0408	<1,45	<1,43	<15,3	42,3 ± 6,2	<3,69	<5,13	0,0272
	2. 2005/1039	<1,09	<1,08	<11,8	133 ± 9	<2,32	<3,72	0,0852
	3. 2005/1561	<1,36	<1,30	<14,4	172 ± 12	<2,87	<4,60	0,0775
	4. 2005/2157	<1,41	<1,39	<14,2	122 ± 10	<3,12	<4,76	0,0571
Kálná n/Hronom	1. 2005/0409	<1,00	<0,945	<9,67	65,1 ± 5,6	<2,32	<3,35	0,1133
	2. 2005/1040	<1,33	<1,22	9,35 ± 2,65	151 ± 11	<2,72	<4,43	0,1812
	3. 2005/1562	<1,39	<1,30	14,4 ± 3,4	156 ± 11	<3,24	<4,50	0,2347
	4. 2005/2158	<0,739	<0,702	26,4 ± 2,9	99,9 ± 6,6	<1,64	<2,40	0,533
Mochovce	1. 2005/0410	<1,42	<1,38	<14,9	59,2 ± 6,9	<3,32	<4,86	0,1127
	2. 2005/1041	<1,00	<0,97	<11,0	164 ± 11	<2,24	<3,56	0,1166
	3. 2005/1563	<1,46	<1,39	14,8 ± 2,9	197 ± 14	<3,35	<5,04	0,1112
	4. 2005/2159	<1,29	<1,22	<13,3	143 ± 11	<2,78	<4,36	0,0756
Čifáre	1. 2005/0411	<1,25	<1,17	<13,0	55,8 ± 6,1	<2,75	<4,29	0,0998
	2. 2005/1042	<1,34	<1,27	10,4 ± 2,8	165 ± 12	<2,80	<4,74	0,1579
	3. 2005/1564	<1,11	<1,07	9,64 ± 2,33	119 ± 9	<2,54	<3,72	0,1170
	4. 2005/2160	<1,07	<1,04	<11,2	78 ± 7,0	<2,62	<3,69	0,1336
Veľký Ďúr	1. 2005/0412	<1,31	<1,22	<12,9	46,3 ± 6,1	<3,04	<4,43	0,2408
	2. 2005/1043	<1,05	<1,00	<10,9	143 ± 10	<2,25	<3,50	0,1284
	3. 2005/1565	<1,32	<1,28	11,3 ± 2,9	142 ± 10	4,13 ± 1,37	<4,64	0,1087
	4. 2005/2161	<0,951	<0,903	<10,3	95,6 ± 7,4	<2,12	<3,26	0,0976
Vráble	1. 2005/0413	<1,25	<1,33	<14,4	53,3 ± 6,27	<2,97	<3,22	0,2966
	2. 2005/1044	<1,29	0,685 ± 0,264	98,0 ± 8,3	80,2 ± 7,3	<2,81	<4,63	1,0721
	3. 2005/1566	<1,11	<1,12	15,2 ± 3,2	135 ± 10	<2,56	<3,61	0,2822
	4. 2005/2162	<1,12	0,756 ± 0,211	9,53 ± 2,00	69,1 ± 6,2	<2,47	<3,61	0,4059
Tajná	1. 2005/0414	<1,28	<1,24	<12,6	68,6 ± 7,0	<2,88	<4,33	0,0549
	2. 2005/1045	<0,82	<0,79	<9,24	168 ± 11	<2,71	<2,71	0,1639
	3. 2005/1567	<1,41	<1,39	15,1 ± 3,3	143 ± 11	3,86 ± 1,59	<4,79	0,0994
	4. 2005/2163	<1,36	<1,33	14,1 ± 4,0	86,7 ± 8,6	<3,32	<4,59	0,2360

Table 259 Fallout activity, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok	Evid. číslo protokolu	Rádionuklid		⁴⁰ K	⁷ Be	U - rad	Th - rad	C. hmotnosť spadov [g]
		¹³⁴ Cs [Bq/m ²]	¹³⁷ Cs [Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	
Červený Hrádok	1. 2005/0415	<1,40	<1,41	<14,3	67,9 ± 7,4	<3,19	<4,71	0,0214
	2. 2005/1046	<1,28	<1,26	<15,2	162 ± 12	<2,10	<4,38	0,1233
	3. 2005/1568	<1,06	<1,00	9,20 ± 2,33	192 ± 13	<2,58	<3,65	0,0750
	4. 2005/2164	<1,13	<1,03	<11,2	92,5 ± 7,4	3,02 ± 1,33	<3,77	0,0577
Nemčianany	1. 2005/0416	<1,21	<1,19	<11,2	39,9 ± 4,6	<2,82	<4,29	0,0594
	2. 2005/1047	<1,06	<1,05	10,6 ± 2,4	155 ± 11	<2,53	<3,68	0,0751
	3. 2005/1569	<1,37	<1,32	<13,4	106 ± 9	3,77 ± 1,53	<4,68	0,0701
	4. 2005/2165	<1,39	<1,36	<14,7	105 ± 10	3,65 ± 1,45	<4,39	0,0926
Malé Kozmálovce	1. 2005/0417	<1,17	<1,12	<12,7	58,2 ± 5,1	<2,75	<3,94	0,0803
	2. 2005/1048	<0,95	<0,93	27,3 ± 3,8	160 ± 11	<1,79	<3,40	0,2357
	3. 2005/1570	<0,98	<1,02	19,9 ± 3	150 ± 10	<2,59	<3,69	0,1272
	4. 2005/2166	<1,53	<1,07	33,6 ± 4,4	139 ± 10	3,36 ± 1,15	<3,63	0,4573
Nový Tekov	1. 2005/0418	<1,12	<1,12	<12,1	47,6 ± 5,6	<2,62	<3,81	0,0627
	2. 2005/1049	<1,05	<1,02	13,0 ± 2,9	170 ± 12	<2,51	<3,58	0,1715
	3. 2005/1571	<1,34	<1,35	<14,7	160 ± 12	3,19 ± 1,46	<4,54	0,1039
	4. 2005/2167	<1,42	<1,32	<14,8	79,9 ± 8,4	5,97 ± 1,62	<4,84	0,0768
Kozárovce	1. 2005/0419	<1,30	<1,32	<12,5	67,3 ± 6,5	<2,98	<4,43	0,0566
	2. 2005/1050	<1,43	<1,34	<16,6	183 ± 14	<3,08	<4,63	0,2501
	3. 2005/1572	<1,07	<1,01	6,85 ± 2	163 ± 11	<2,48	<3,57	0,1140
	4. 2005/2168	<0,98	<0,94	10,2 ± 2,5	106 ± 8	3,46 ± 1,23	<3,38	0,1615
Zlaté Moravce	1. 2005/0420	<1,21	<1,17	<11,7	46,8 ± 6,1	<2,69	<4,07	0,0530
	2. 2005/1051	<0,79	<0,77	<10,3 ± 1,8	169 ± 11	3,88 ± 0,81	<2,44	0,1297
	3. 2005/1573	<1,31	<1,32	<13,3	53,0 ± 6,1	<3,08	<4,59	0,0313
	4. 2005/2169	<2,00	<1,37	<14,9	105 ± 11	6,08 ± 1,56	<4,94	0,0924
Rybník	1. 2005/0421	<1,13	<1,10	6,98 ± 1,92	67,3 ± 6,2	<2,62	<3,93	0,0837
	2. 2005/1052	<1,31	<1,27	<15,2	180 ± 13	<2,97	<4,53	0,1481
	3. 2005/1574	<1,13	<1,01	11,1 ± 2,3	87,8 ± 7	<2,53	<2,62	0,0980
	4. 2005/2170	<0,85	<0,82	9,81 ± 2,0	108 ± 8	4,12 ± 1,14	<2,82	0,1371

Table 260 Fallout activity, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické stanice - gamaspektrometria

Lokalita \ Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _e
			[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
LRKO	1.	2006/0426	<1,59	<16,2	44,1 ± 5,1	<3,96	<5,30	0,0442
	2.	2006/0947	<1,41	14,5 ± 3,2	317 ± 20	<3,38	<4,92	0,1136
	3.	2006/1515	<1,62	<17,0	113 ± 10	<3,59	<5,71	0,0854
	4.	2006/2052	<1,49	8,98 ± 2,54	55,6 ± 5,9	<3,35	<5,01	0,0458
Levice	1.	2006/0427	<1,28	<12,0	58,6 ± 6,4	<3,04	<4,26	0,0315
	2.	2006/0948	<1,07	13,3 ± 2,6	378 ± 23	<2,58	<3,31	0,1311
	3.	2006/1516	<1,11	8,94 ± 2,47	117 ± 8	<2,27	<3,70	0,0964
	4.	2006/2053	<1,05	<10,9	55,0 ± 4,8	<2,35	<3,65	0,0625
Kalná n/Hronom	1.	2006/0428	<1,32	<13,1	54,8 ± 5,4	3,69 ± 1,61	<4,97	0,0770
	2.	2006/0949	<1,35	19,5 ± 3,9	323 ± 20	2,57 ± 1,41	<5,00	0,2604
	3.	2006/1517	<1,33	18,7 ± 3,8	132 ± 10	<2,95	<4,83	0,2413
	4.	2006/2054	<1,30	83,7 ± 7,6	75,4 ± 6,7	<3,02	<4,83	0,8639
Mochovce	1.	2006/0429	<1,24	9,12 ± 2,29	48,3 ± 5,5	<3,10	<4,46	0,0434
	2.	2006/0950	<1,08	12,3 ± 2,8	443 ± 27	<2,13	<3,81	0,1488
	3.	2006/1518	<1,05	9,14 ± 2,29	142 ± 10	<2,26	<3,78	0,0735
	4.	2006/2055	<0,992	8,03 ± 2,03	46,8 ± 4,7	<2,37	<3,70	0,0697
Čifáre	1.	2006/0430	<1,42	<14,7	50,6 ± 5,4	3,32 ± 1,49	<5,10	0,0768
	2.	2006/0951	<1,16	<13,4	315 ± 20	5,75 ± 1,05	<4,30	0,2713
	3.	2006/1519	<1,24	12,5 ± 2,6	138 ± 10	2,18 ± 0,91	<4,23	0,1487
	4.	2006/2056	<1,38	23,4 ± 4,9	79,0 ± 7,3	<3,23	<4,88	0,1844
Veľký Ďúr	1.	2006/0431	<0,905	<9,06	76,2 ± 5,7	<2,26	<3,12	0,0884
	2.	2006/0952	<1,35	<14,1	370 ± 23	7,98 ± 1,27	<4,50	0,1749
	3.	2006/1520	<1,14	<13,1	151 ± 11	2,34 ± 0,85	<4,27	0,1437
	4.	2006/2057	<1,06	9,87 ± 2,69	76,4 ± 6,3	<2,14	<3,63	0,0819
Vráble	1.	2006/0432	<1,24	<12,1	66,3 ± 5,9	4,71 ± 1,42	<4,07	0,2955
	2.	2006/0953	0,710 ± 0,279	<15,8	216 ± 14	<3,37	<4,93	0,3041
	3.	2006/1521	0,562 ± 0,233	7,93 ± 1,96	136 ± 9	<2,24	<3,54	0,2890
	4.	2006/2058	<1,19	<11,6	49,0 ± 5,6	<2,83	<4,34	0,0642
Tajná	1.	2006/0433	<1,19	6,76 ± 2,07	56,7 ± 5,1	<3,06	<4,17	0,0449
	2.	2006/0954	<0,911	17,3 ± 2,8	358 ± 22	<2,24	<3,76	0,1294
	3.	2006/1522	<0,810	14,1 ± 2,5	133 ± 9	<1,76	<2,86	0,1632
	4.	2006/2059	<1,04	13,7 ± 2,8	45,7 ± 5,7	<2,46	<3,83	0,1472

Table 261 Fallout activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické stanice - gamaspektrometria

Rádionuklid Lokalita\Štvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _e
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
Červený Hrádok	1. 2006/0434	<1,60	<16,4	47,5 ± 5,8	7,36 ± 1,71	<5,57	0,0317
	2. 2006/0955	<1,44	12,3 ± 3,4	286 ± 19	<3,23	<4,91	0,0909
	3. 2006/1523	<1,41	12,4 ± 3,3	132 ± 10	<3,05	<5,09	0,0679
	4. 2006/2060	<1,42	<14,1	46,8 ± 5,2	<3,27	<4,57	0,0547
Nemčiňany	1. 2006/0435	<1,03	<9,74	65,3 ± 5,8	<2,52	<3,69	0,0716
	2. 2006/0956	<1,04	12,5 ± 2,2	246 ± 15	<2,48	<3,62	0,1169
	3. 2006/1524	<1,02	8,98 ± 2,21	170 ± 11	<2,18	<3,47	0,1233
	4. 2006/2061	<0,898	7,12 ± 2,00	57,0 ± 5,5	<2,06	<3,25	0,0582
Malé Kozmálovce	1. 2006/0436	<1,45	<15,2	75,8 ± 7,0	<3,61	<5,25	0,0562
	2. 2006/0957	<1,13	50,2 ± 5,3	427 ± 26	6,02 ± 1,07	<3,91	0,4286
	3. 2006/1525	<0,965	21,0 ± 3,4	146 ± 10	2,08 ± 0,74	<3,33	0,2404
	4. 2006/2062	1,43 ± 0,27	14,4 ± 2,7	54,2 ± 5,2	2,88 ± 1,18	<3,73	0,3335
Nový Tekov	1. 2006/0437	<1,05	<10,5	64,1 ± 5,9	<2,43	<3,75	0,0648
	2. 2006/0958	<1,25	15,4 ± 3,3	385 ± 23	5,58 ± 1,12	<4,16	0,2368
	3. 2006/1526	<1,18	<13,9	152 ± 11	3,74 ± 0,91	<4,25	0,1467
	4. 2006/2063	<1,04	6,81 ± 2,48	57,8 ± 5,9	<2,48	<3,78	0,0368
Kozárovce	1. 2006/0438	<1,42	<13,6	59,1 ± 6,0	<3,61	<5,35	0,0621
	2. 2006/0959	<1,20	<13,2	343 ± 21	4,72 ± 1,08	<4,17	0,2081
	3. 2006/1527	<1,39	34,2 ± 4,5	140 ± 10	<3,06	<4,70	0,3769
	4. 2006/2064	<1,32	<14,2	52,3 ± 6,0	<3,17	<4,59	0,1328
Zlaté Moravce	1. 2006/0439	<1,06	<11,2	66,2 ± 5,7	<2,63	<3,82	0,0625
	2. 2006/0960	<1,06	10,4 ± 2,4	253 ± 16	<2,52	<3,81	0,1077
	3. 2006/1528	<1,02	8,02 ± 2,05	152 ± 10	<2,37	<3,52	0,1274
	4. 2006/2065	<1,02	11,0 ± 2,4	43,8 ± 4,5	2,61 ± 1,10	<3,66	0,0827
Rybník	1. 2006/0440	<1,39	<14,4	49,2 ± 5,0	3,97 ± 1,57	<4,99	0,0517
	2. 2006/0961	<1,37	12,8 ± 3,4	395 ± 24	<3,14	<4,76	0,2133
	3. 2006/1529	<1,32	21,1 ± 3,5	138 ± 10	3,96 ± 1,28	<4,60	0,1637
	4. 2006/2066	0,504 ± 0,276	<15,0	59,6 ± 6,2	<3,33	<4,92	0,3713

Table 262 Fallout activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _c
			[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
LRKO	1.	2007/0462	<1,35	8,62 ± 2,57	112 ± 8	<3,39	<4,76	0,0756
	2.	2007/0905	<1,57	13,3 ± 3,9	247 ± 17	10,5 ± 1,9	<5,26	0,1573
	3.	2007/1460	<1,45	<15,1	201 ± 14	<3,75	<5,19	0,1080
	4.	2007/2032	<1,66	<17,6	60,3 ± 6,7	<4,43	<6,00	0,0461
Levice	1.	2007/0463	<1,11	<11,6	126 ± 9	<2,80	<3,55	0,0502
	2.	2007/0906	<1,13	13,5 ± 2,4	284 ± 18	<2,96	<3,66	0,1009
	3.	2007/1461	<1,02	7,39 ± 2,45	275 ± 17	3,32 ± 1,23	<3,69	0,1012
	4.	2007/2033	<1,27	<12,4	69,2 ± 2,5	<3,33	<4,15	0,0403
Kálná n/Hronom	1.	2007/0464	<1,27	8,52 ± 2,54	95,4 ± 7,4	4,24 ± 1,55	<4,76	0,1036
	2.	2007/0907	<1,43	13,0 ± 3,6	230 ± 16	<3,64	<5,14	0,1831
	3.	2007/1462	<1,29	10,8 ± 2,9	207 ± 14	<3,28	<4,54	0,1707
	4.	2007/2034	<1,44	13,9 ± 3,8	90,7 ± 8,2	<3,82	<5,10	0,2028
Mochovce	1.	2007/0465	<1,38	8,24 ± 2,75	86,2 ± 7,7	<3,27	<4,70	0,0505
	2.	2007/0908	<1,29	13,4 ± 3,6	257 ± 17	<3,16	<4,60	0,1342
	3.	2007/1463	<1,31	<13,4	176 ± 12	<3,25	<4,60	0,0763
	4.	2007/2035	<1,20	<12,8	94,1 ± 7,7	<3,16	<4,35	0,0515
Čifáre	1.	2007/0466	<1,26	<13,0	115 ± 9	<2,90	<4,26	0,1319
	2.	2007/0909	<1,31	15,3 ± 3,4	208 ± 15	7,77 ± 1,78	<4,74	0,1593
	3.	2007/1464	<1,18	<12,8	125 ± 9	<2,88	<4,20	0,1034
	4.	2007/2036	<1,43	<15,1	86,0 ± 7,6	<3,97	<5,13	0,0818
Veľký Ďúr	1.	2007/0467	<1,32	<14,7	125 ± 10	<3,27	<4,65	0,1109
	2.	2007/0910	<1,30	<14,4	171 ± 13	<3,10	<4,38	0,1254
	3.	2007/1465	<1,25	<13,6	155 ± 11	<3,09	<4,18	0,1040
	4.	2007/2037	<1,16	7,14 ± 2,49	86,8 ± 7,1	<2,77	<3,80	0,0851
Vráble	1.	2007/0468	<1,44	10,8 ± 3,0	112 ± 9	<3,30	<4,69	0,2867
	2.	2007/0911	0,690 ± 0,234	15,9 ± 2,7	281 ± 19	2,36 ± 1,62	<4,81	0,3813
	3.	2007/1466	0,939 ± 0,163	4,44 ± 2,37	198 ± 13	<3,62	<4,69	0,2410
	4.	2007/2038	<1,45	12,8 ± 3,4	72,7 ± 6,8	<3,86	<5,14	0,1500
Tajná	1.	2007/0469	<1,10	9,13 ± 2,51	120 ± 8	<2,81	<3,86	0,0895
	2.	2007/0912	<1,06	16,7 ± 2,9	212 ± 14	<2,83	<3,58	0,1495
	3.	2007/1467	<1,04	5,01 ± 2,31	213 ± 14	<2,77	<3,71	0,1343
	4.	2007/2039	<1,12	16,4 ± 3,4	80,0 ± 6,8	<2,71	<4,14	0,1699

Table 263 Fallout activity, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické staničky - gama spektrometria

Lokalita \ Štvrťrok	Evid. číslo protokolu	Rádionuklid					
		¹³⁷ Cs [Bq/m ²]	⁴⁰ K [Bq/m ²]	⁷ Be [Bq/m ²]	U - rad [Bq/m ²]	Th - rad [Bq/m ²]	M _c [g]
Červený Hrádok	1. 2007/0470	<1,37	8,13 ± 2,80	139 ± 10	<3,20	<4,74	0,0558
	2. 2007/0913	<1,31	15,1 ± 3,4	222 ± 15	3,89 ± 1,64	<4,81	0,1042
	3. 2007/1468	<1,41	7,01 ± 2,43	168 ± 12	<3,73	<4,98	0,0833
	4. 2007/2040	<1,44	8,99 ± 2,65	81,1 ± 7,5	<4,12	<5,29	0,0383
Nemčiňany	1. 2007/0471	<1,14	15,9 ± 2,6	134 ± 10	<2,99	<3,73	0,1008
	2. 2007/0914	<1,11	12,1 ± 2,4	254 ± 16	<2,81	<3,56	0,1634
	3. 2007/1469	<1,32	<12,6	140 ± 11	<3,15	<4,11	0,1003
	4. 2007/2041	<1,04	6,32 ± 2,05	85,3 ± 6,9	4,76 ± 1,26	<3,78	0,0720
Malé Kozmálovce	1. 2007/0472	0,901 ± 0,251	32,6 ± 4,5	140 ± 10	<2,79	<4,26	0,1585
	2. 2007/0915	1,25 ± 0,37	<16,5	218 ± 16	<3,20	<4,51	0,1906
	3. 2007/1470	0,522 ± 0,296	14,7 ± 3,4	171 ± 12	<3,58	<5,05	0,1383
	4. 2007/2042	0,921 ± 0,304	144 ± 11	120 ± 9	<3,73	<5,12	1,0540
Nový Tekov	1. 2007/0473	<1,08	16,0 ± 2,9	148 ± 10	<2,54	<3,28	0,1065
	2. 2007/0916	<1,29	11,4 ± 3,0	248 ± 17	<3,16	<4,31	0,1705
	3. 2007/1471	<1,24	15,2 ± 3,1	183 ± 13	<2,90	<4,42	0,2168
	4. 2007/2043	<1,12	<11,8	88,5 ± 7,0	<2,76	<3,81	0,0716
Kozárovce	1. 2007/0474	<1,23	17,0 ± 3,3	166 ± 11	4,59 ± 1,55	<4,08	0,1840
	2. 2007/0917	<1,26	20,3 ± 3,9	258 ± 17	<3,07	<4,47	0,2692
	3. 2007/1472	<1,32	<15,2	127 ± 10	<3,44	<4,52	0,2855
	4. 2007/2044	<1,35	10,1 ± 3,0	82,2 ± 7,1	<3,71	<5,04	0,1031
Zlaté Moravce	1. 2007/0475	<0,908	12,5 ± 2,2	136 ± 9	2,05 ± 1,14	<3,15	0,1005
	2. 2007/0918	<1,45	<14,8	217 ± 18	3,57 ± 1,73	<4,95	0,1030
	3. 2007/1473	<1,31	<13,5	190 ± 14	<3,24	<4,75	0,1271
	4. 2006/2065	<1,12	4,02 ± 2,06	79,5 ± 6,7	2,95 ± 1,25	<3,87	0,0703
Rybník	1. 2007/0476	<1,46	8,83 ± 2,90	127 ± 10	4,16 ± 1,66	<4,97	0,1114
	2. 2007/0919	<1,12	21,4 ± 3,7	256 ± 17	4,51 ± 1,45	<4,18	0,2051
	3. 2007/1474	<1,34	12,6 ± 3,2	247 ± 16	<3,50	<5,01	0,1851
	4. 2007/2046	<1,23	7,45 ± 2,5	88,8 ± 7,6	<3,17	<4,23	0,1072

Table 264 Fallout activity , 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické stanice - gamaspektrometria

Lokalita \ Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _e
			[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
LRKO	1.	2008/0480	<1,58	8,54 ± 6,46	86,9 ± 14,0	<3,75	<5,29	0,0584
	2.	2008/0993	<1,31	13,5 ± 5,6	316 ± 37	<3,31	<4,50	0,1279
	3.	2008/1531	<1,15	<7,10	237 ± 28	<2,72	<3,71	0,1061
	4.	2008/2073	<1,50	11,3 ± 6,2	151 ± 23	<3,60	<4,84	0,0838
Levice	1.	2008/0481	<1,25	3,37 ± 4,39	84,8 ± 15,0	<3,33	<4,56	0,0336
	2.	2008/0994	<1,21	12,7 ± 6,3	336 ± 39	<2,77	<4,10	0,1110
	3.	2008/1532	<1,18	14,4 ± 5,9	276 ± 34	<3,10	<4,33	0,1203
	4.	2008/2074	<1,16	<11,9	89,0 ± 13,5	<3,03	<4,17	0,4843
Kálná n/Hronom	1.	2008/0482	<1,30	4,96 ± 4,95	99,9 ± 15,2	<3,44	<4,74	0,0793
	2.	2008/0995	<1,44	14,8 ± 8,3	229 ± 27	<3,38	<4,90	0,1967
	3.	2008/1533	<1,14	17,9 ± 5,7	260 ± 31	<2,90	<4,12	0,2027
	4.	2008/2075	<1,21	33,4 ± 9,2	194 ± 24	<3,08	<4,01	0,8205
Mochovce	1.	2008/0483	<1,20	<12,2	137 ± 19	<3,46	<4,40	0,0504
	2.	2008/0996	<1,16	21,3 ± 7,1	392 ± 45	<2,85	<4,03	0,1256
	3.	2008/1534	<1,28	15,8 ± 6,3	260 ± 33	<3,23	<4,29	0,1058
	4.	2008/2076	<1,16	10,1 ± 5,0	184 ± 24	<3,17	<4,43	0,0565
Čifáre	1.	2008/0484	<1,31	8,57 ± 4,47	93,7 ± 15,0	<3,49	<4,75	0,0913
	2.	2008/0997	<1,10	20,1 ± 6,5	312 ± 37	<2,85	<4,02	0,1762
	3.	2008/1535	<1,05	13,4 ± 5,2	222 ± 27	<2,94	<3,51	0,2536
	4.	2008/2077	<1,12	11,3 ± 5,0	146 ± 21	<2,82	<4,26	0,1211
Veľký Ďúr	1.	2008/0485	<1,16	<11,0	97,8 ± 14,8	<3,10	<3,95	0,0697
	2.	2008/0998	<1,13	14,7 ± 6,2	242 ± 30	<3,03	<4,11	0,1428
	3.	2008/1536	<1,12	<12,8	229 ± 28	<3,11	<3,79	0,1802
	4.	2008/2078	<1,20	7,63 ± 5,16	182 ± 24	<3,02	<4,06	0,1013
Vráble	1.	2008/0486	<1,34	<14,0	63,5 ± 12,0	<3,39	<4,44	0,1452
	2.	2008/0999	<1,01	9,84 ± 4,45	188 ± 22	<2,60	<3,64	0,2057
	3.	2008/1537	<1,08	18,2 ± 5,8	243 ± 29	<2,77	<3,63	0,3156
	4.	2008/2079	<1,11	12,8 ± 5,4	147 ± 20	<2,55	<3,76	0,2098
Tajná	1.	2008/0487	<1,32	8,85 ± 5,54	126 ± 19	<3,66	<4,71	0,0856
	2.	2008/1000	<1,12	39,0 ± 8,8	310 ± 36	<2,85	<3,73	0,1932
	3.	2008/1538	<1,21	21,9 ± 7,5	265 ± 33	<3,27	<4,27	0,1768
	4.	2008/2080	<1,21	112 ± 17	168 ± 21	<3,05	<4,06	1,1805

Table 265 Fallout activity, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV
dozimetrické staničky - gama spektrometria

Lokalita \ Štvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _c
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
Červený Hrádok	1. 2008/0488	<1,34	9,32 ± 5,24	144 ± 21	<3,31	<4,61	0,0362
	2. 2008/1001	<1,06	19,1 ± 6,5	353 ± 41	<2,77	<3,61	0,1302
	3. 2008/1539	<1,20	8,73 ± 5,31	270 ± 33	<3,14	<4,25	0,0942
	4. 2008/2081	<1,24	10,1 ± 5,6	157 ± 23	<2,92	<4,35	0,0645
Nemčiňany	1. 2008/0489	<1,21	<12,6	139 ± 19	<3,03	<4,05	0,0881
	2. 2008/1002	<1,15	12,8 ± 5,8	307 ± 36	<3,00	<3,94	0,1540
	3. 2008/1540	<1,14	11,3 ± 5,0	245 ± 31	4,37 ± 2,71	<4,12	0,2640
	4. 2008/2082	<1,17	7,24 ± 4,63	140 ± 20	<2,68	<4,07	0,0849
Malé Kozmálovce	1. 2008/0490	<1,21	11,2 ± 4,7	126 ± 18	<3,05	<4,30	0,0788
	2. 2008/1003	<1,15	44,2 ± 9,1	384 ± 44	<2,85	<4,08	0,2293
	3. 2008/1541	<1,24	24,6 ± 7,5	210 ± 28	<3,04	<4,16	0,2138
	4. 2008/2083	<1,12	33,6 ± 8,3	192 ± 25	<2,80	<4,01	0,3668
Nový Tekov	1. 2008/0491	<1,19	9,76 ± 5,19	137 ± 20	<3,27	<4,13	0,0894
	2. 2008/1004	<1,12	29,0 ± 8,1	372 ± 43	<2,83	<3,99	0,2186
	3. 2008/1542	<1,16	<8,17	195 ± 25	<2,98	<4,24	0,1394
	4. 2008/2084	<1,13	12,6 ± 6,3	188 ± 25	<2,77	<4,06	0,1234
Kozárovce	1. 2008/0492	<1,16	8,29 ± 4,74	151 ± 20	<3,25	<3,97	0,0902
	2. 2008/1005	<1,19	12,1 ± 6,2	368 ± 43	<3,04	<4,24	0,1960
	3. 2008/1543	<1,14	18,5 ± 6,5	268 ± 32	<2,83	<3,84	0,2290
	4. 2008/2085	<1,12	45,4 ± 9,8	206 ± 27	<2,81	<4,06	0,2380
Zlaté Moravce	1. 2008/0493	<1,21	<12,7	141 ± 20	<3,10	<4,35	0,1033
	2. 2008/1006	<1,17	8,47 ± 5,38	291 ± 36	<3,11	<4,44	0,1019
	3. 2008/1544	<1,15	9,93 ± 4,99	257 ± 33	<2,72	<4,01	0,1186
	4. 2008/2086	<1,17	6,06 ± 5,13	139 ± 19	<2,88	<4,19	0,1027
Rybník	1. 2008/0494	<1,20	<12,1	124 ± 18	<2,98	<4,10	0,0767
	2. 2008/1007	<1,26	26,2 ± 7,6	404 ± 47	<3,26	<4,05	0,2085
	3. 2008/1545	<1,13	20,7 ± 6,8	228 ± 29	<2,63	<3,80	0,1905
	4. 2008/2087	<1,16	12,9 ± 6,0	191 ± 25	<2,90	<4,09	0,1253

Table 266 Fallout activity, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV

(dozimetrické stanice - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
LRKO	2005/407	4,6 ± 0,6	2005/1038	5,0 ± 0,7	2005/1560	8,3 ± 1,1	2005/2156	9,0 ± 1,1
Levice	2005/408	4,4 ± 0,6	2005/1039	8,1 ± 1,1	2005/1561	8,5 ± 1,1	2005/2157	11,5 ± 1,4
Kalná n/Hronom	2005/409	5,7 ± 0,8	2005/1040	7,5 ± 1,0	2005/1562	6,2 ± 0,8	2005/2158	18,8 ± 2,5
Mochovce	2005/410	6,4 ± 0,8	2005/1041	7,9 ± 1,0	2005/1563	9,9 ± 1,3	2005/2159	11,6 ± 1,4
Čifáre	2005/411	5,5 ± 0,7	2005/1042	10,2 ± 1,3	2005/1564	5,8 ± 0,8	2005/2160	8,3 ± 1,1
Veľký Ďúr	2005/412	4,4 ± 0,6	2005/1043	8,4 ± 1,1	2005/1565	6,0 ± 0,8	2005/2161	9,2 ± 1,1
Vráble	2005/413	9,0 ± 1,2	2005/1044	33,6 ± 4,5	2005/1566	7,7 ± 1,0	2005/2162	8,7 ± 1,2
Tajná	2005/414	4,6 ± 0,7	2005/1045	11,2 ± 1,4	2005/1567	6,9 ± 0,9	2005/2163	16,5 ± 2,0
Červený Hrádok	2005/415	3,8 ± 0,5	2005/1046	12,1 ± 1,5	2005/1568	10,6 ± 1,3	2005/2164	7,1 ± 0,9
Nemčiňany	2005/416	4,0 ± 0,6	2005/1047	7,8 ± 1,0	2005/1569	5,2 ± 0,7	2005/2165	10,5 ± 1,3
Malé Kozmálovce	2005/417	7,2 ± 0,9	2005/1048	8,5 ± 1,1	2005/1570	8,4 ± 1,1	2005/2166	23,3 ± 2,9
Nový Tekov	2005/418	5,1 ± 0,7	2005/1049	8,8 ± 1,1	2005/1571	7,2 ± 0,9	2005/2167	5,9 ± 0,8
Kozárovce	2005/419	5,3 ± 0,7	2005/1050	10,0 ± 1,3	2005/1572	8,9 ± 1,1	2005/2168	14,0 ± 1,7
Zlaté Moravce	2005/420	3,5 ± 0,5	2005/1051	8,9 ± 1,1	2005/1573	2,7 ± 0,4	2005/2169	9,1 ± 1,2
Rybník	2005/421	5,5 ± 0,7	2005/1052	8,4 ± 1,1	2005/1574	5,4 ± 0,7	2005/2170	9,7 ± 1,2

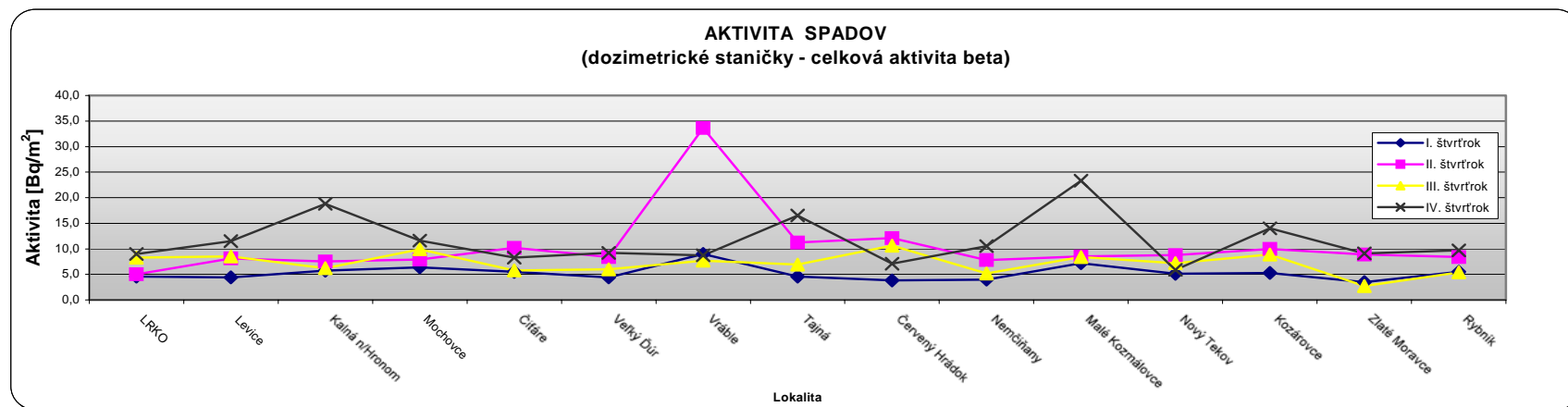


Table 267 Fallout activity, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV

(dozimetrické stanice - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
LRKO	2006/426	3,1 ± 0,5	2006/947	20,1 ± 2,3	2006/1515	12,3 ± 1,6	2006/2052	5,7 ± 0,8
Levice	2006/427	3,4 ± 0,5	2006/948	21,0 ± 2,4	2006/1516	10,5 ± 1,3	2006/2053	4,4 ± 0,6
Kalná n/Hronom	2006/428	4,5 ± 0,6	2006/949	26,6 ± 3,1	2006/1517	14,6 ± 1,8	2006/2054	39,4 ± 4,9
Mochovce	2006/429	4,4 ± 0,6	2006/950	27,6 ± 3,1	2006/1518	11,7 ± 1,4	2006/2055	5,1 ± 0,7
Čifáre	2006/430	4,4 ± 0,6	2006/951	21,3 ± 2,5	2006/1519	12,9 ± 1,6	2006/2056	12,2 ± 1,4
Veľký Ďur	2006/431	6,3 ± 0,8	2006/952	25,9 ± 2,9	2006/1520	12,6 ± 1,5	2006/2057	7,2 ± 1,0
Vráble	2006/432	7,9 ± 1,1	2006/953	13,8 ± 1,7	2006/1521	17,5 ± 2,2	2006/2058	4,8 ± 0,7
Tajná	2006/433	4,1 ± 0,6	2006/954	18,9 ± 2,2	2006/1522	15,9 ± 1,9	2006/2059	7,0 ± 0,9
Červený Hrádok	2006/434	3,7 ± 0,6	2006/955	15,0 ± 1,8	2006/1523	12,4 ± 1,5	2006/2060	3,7 ± 0,5
Nemčiňany	2006/435	4,5 ± 0,6	2006/956	8,4 ± 1,1	2006/1524	13,8 ± 1,6	2006/2061	3,6 ± 0,5
Malé Kozmálovce	2006/436	5,8 ± 0,8	2006/957	33,0 ± 3,9	2006/1525	21,0 ± 2,4	2006/2062	8,0 ± 1,1
Nový Tekov	2006/437	4,6 ± 0,6	2006/958	21,5 ± 2,5	2006/1526	13,8 ± 1,7	2006/2063	5,1 ± 0,7
Kozárovce	2006/438	4,8 ± 0,7	2006/959	22,2 ± 2,6	2006/1527	23,0 ± 2,8	2006/2064	5,8 ± 0,8
Zlaté Moravce	2006/439	4,2 ± 0,6	2006/960	14,6 ± 1,7	2006/1528	11,5 ± 1,4	2006/2065	5,4 ± 0,7
Rybník	2006/440	3,4 ± 0,5	2006/961	26,6 ± 3,0	2006/1529	13,2 ± 1,6	2006/2066	5,6 ± 0,8

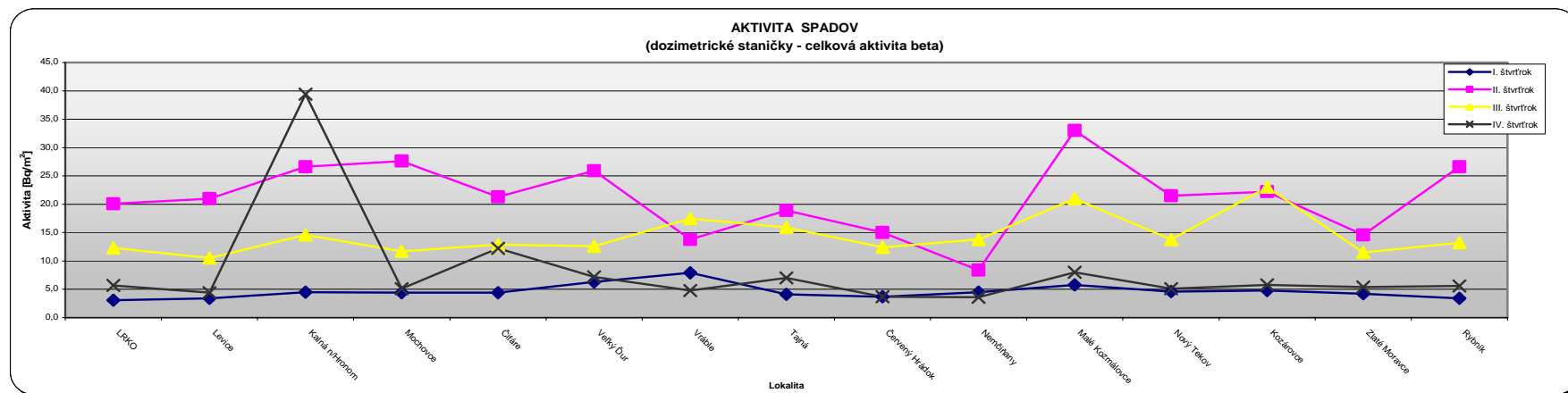


Table 268 Fallout activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
LRKO	2007/462	13,4 ± 1,6	2007/905	22,0 ± 2,4	2007/1460	19,8 ± 2,4	2007/2032	10,8 ± 1,4
Levice	2007/463	17,0 ± 2,1	2007/906	21,4 ± 2,3	2007/1461	25,5 ± 3,0	2007/2033	11,1 ± 1,4
Kalná n/Hronom	2007/464	13,9 ± 1,7	2007/907	21,4 ± 2,4	2007/1462	23,7 ± 2,9	2007/2034	12,1 ± 1,5
Mochovce	2007/465	13,6 ± 1,7	2007/908	27,2 ± 2,9	2007/1463	18,4 ± 2,2	2007/2035	15,2 ± 1,8
Čífare	2007/466	14,2 ± 1,7	2007/909	20,9 ± 2,4	2007/1464	11,9 ± 1,4	2007/2036	13,8 ± 1,6
Veľký Ďúr	2007/467	14,2 ± 1,7	2007/910	16,5 ± 1,9	2007/1465	11,9 ± 1,4	2007/2037	17,7 ± 2,0
Vráble	2007/468	15,3 ± 1,9	2007/911	23,1 ± 2,9	2007/1466	11,7 ± 1,4	2007/2038	10,7 ± 1,3
Tajná	2007/469	14,5 ± 1,8	2007/912	23,2 ± 2,5	2007/1467	20,6 ± 2,4	2007/2039	16,6 ± 1,9
Červený Hrádok	2007/470	17,1 ± 2,1	2007/913	20,0 ± 2,3	2007/1468	13,1 ± 1,6	2007/2040	13,8 ± 1,8
Nemčiňany	2007/471	16,0 ± 2,0	2007/914	22,2 ± 2,4	2007/1469	10,8 ± 1,3	2007/2041	13,9 ± 1,6
Malé Kozmálovce	2007/472	31,2 ± 3,5	2007/915	26,4 ± 2,8	2007/1470	16,2 ± 2,0	2007/2042	87,1 ± 10,3
Nový Tekov	2007/473	21,0 ± 2,4	2007/916	21,4 ± 2,3	2007/1471	15,2 ± 1,8	2007/2043	15,8 ± 1,8
Kozárovce	2007/474	28,8 ± 3,3	2007/917	25,2 ± 2,8	2007/1472	15,2 ± 2,0	2007/2044	15,1 ± 1,7
Zlaté Moravce	2007/475	21,3 ± 2,5	2007/918	21,2 ± 2,5	2007/1473	15,6 ± 1,8	2007/2045	10,8 ± 1,4
Rybník	2007/476	17,3 ± 2,1	2007/919	28,1 ± 3,1	2007/1474	24,5 ± 2,6	2007/2046	13,8 ± 1,7

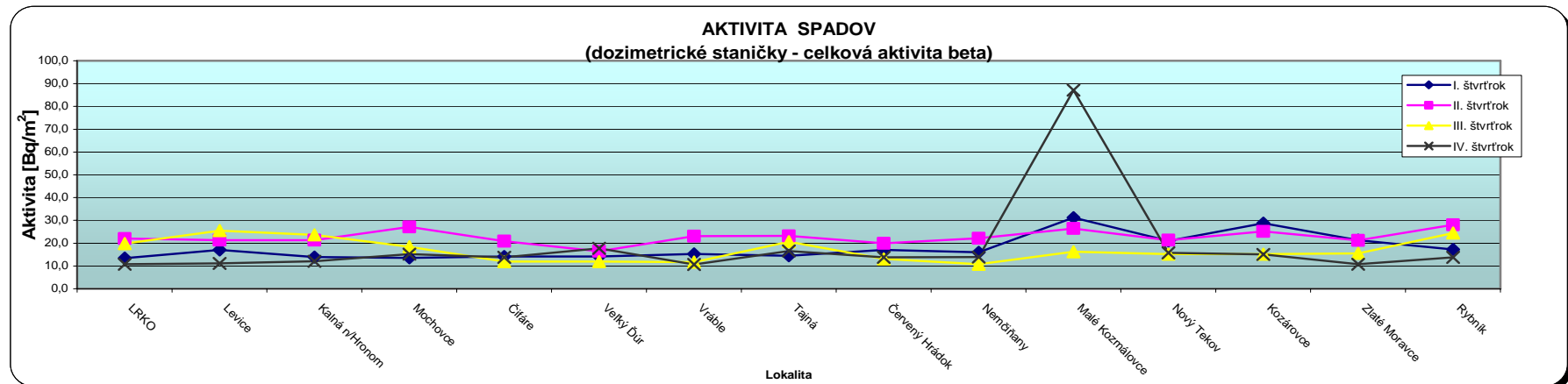


Table 137 Fallout activity, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
LRKO	2008/480	9,8 ± 0,4	2008/993	23,0 ± 0,9	2008/1531	22,3 ± 0,9	2008/2073	13,9 ± 0,5
Levice	2008/481	9,4 ± 0,4	2008/994	26,0 ± 1,0	2008/1532	25,9 ± 1,0	2008/2074	6,9 ± 0,3
Kalná n/Hronom	2008/482	9,1 ± 0,4	2008/995	26,6 ± 1,0	2008/1533	26,8 ± 1,0	2008/2075	38,6 ± 1,5
Mochovce	2008/483	12,9 ± 0,5	2008/996	27,3 ± 1,1	2008/1534	27,4 ± 1,1	2008/2076	16,6 ± 0,6
Čífare	2008/484	9,6 ± 0,4	2008/997	24,9 ± 1,0	2008/1535	17,8 ± 0,7	2008/2077	15,6 ± 0,6
Veľký Ďúr	2008/485	10,7 ± 0,4	2008/998	22,3 ± 0,9	2008/1536	19,7 ± 0,8	2008/2078	18,5 ± 0,7
Vráble	2008/486	3,9 ± 0,2	2008/999	8,9 ± 0,3	2008/1537	16,2 ± 0,6	2008/2079	18,8 ± 0,7
Tajná	2008/487	15,2 ± 0,6	2008/1000	31,1 ± 1,2	2008/1538	30,0 ± 1,2	2008/2080	70,9 ± 2,7
Červený Hrádok	2008/488	14,1 ± 0,5	2008/1001	27,7 ± 1,1	2008/1539	25,2 ± 1,0	2008/2081	17,8 ± 0,7
Nemčiňany	2008/489	11,4 ± 0,4	2008/1002	21,5 ± 0,8	2008/1540	22,2 ± 0,9	2008/2082	16,3 ± 0,6
Malé Kozmálovce	2008/490	14,3 ± 0,6	2008/1003	39,4 ± 1,5	2008/1541	23,9 ± 0,9	2008/2083	29,3 ± 1,1
Nový Tekov	2008/491	14,4 ± 0,6	2008/1004	30,1 ± 1,2	2008/1542	16,0 ± 0,6	2008/2084	18,1 ± 0,7
Kozárovce	2008/492	12,5 ± 0,5	2008/1005	26,6 ± 1,0	2008/1543	30,5 ± 1,2	2008/2085	37,9 ± 1,5
Zlaté Moravce	2008/493	20,7 ± 0,8	2008/1006	17,5 ± 0,7	2008/1544	19,1 ± 0,7	2008/2086	16,0 ± 0,6
Rybník	2008/494	10,5 ± 0,4	2008/1007	30,5 ± 1,2	2008/1545	26,1 ± 1,0	2008/2087	21,7 ± 0,8

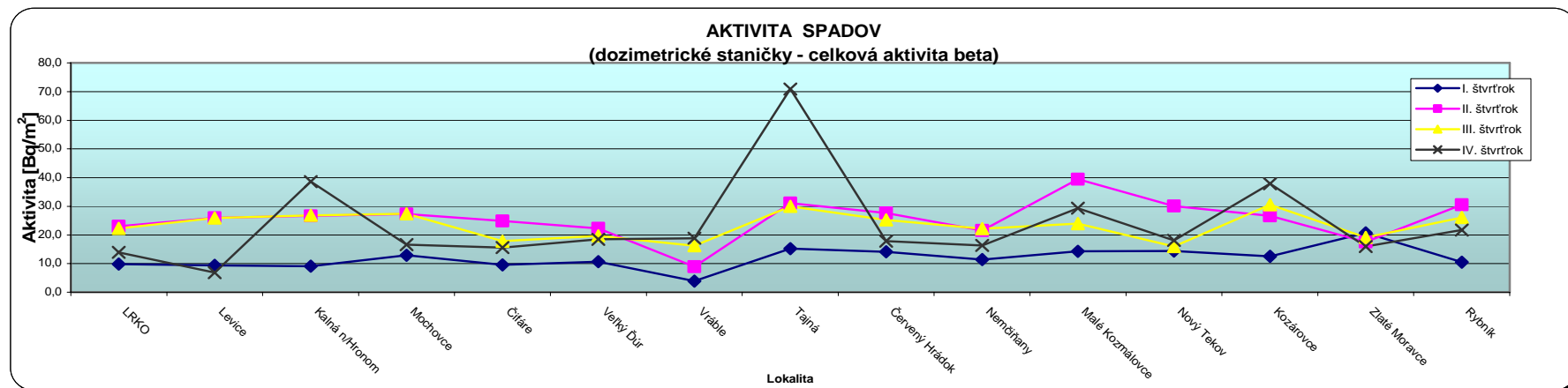


Table 137 Fallout activity, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH (gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Levice * /Podlužianka/		1. 2005/0167	<5,55	<5,13	158 ± 19	18,2 ± 4,6	<18,5
		2. 2005/0735	<7,75	<7,17	120 ± 21	<15,7	<25,1
		3. 2005/1532	<5,14	<5,25	142 ± 19	<11,8	<17,8
		4. 2005/1957	<6,52	<6,16	157 ± 21	19,9 ± 6,2	<20,9
V. Kozmálovce ** /ČS-Perec/		1. 2005/0170	<5,39	<5,27	151 ± 18	<11,9	<18,0
		2. 2005/0739	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
		3. 2005/1535	<5,26	<5,05	124 ± 16	<11,1	<17,9
		4. 2005/1960	<6,12	<5,84	143 ± 19	<15,0	<20,2
Kalná n/Hronom /Hron/		1. 2005/0148	<5,18	<5,25	142 ± 17	<11,5	<18,5
		2. 2005/0889	<5,68	<5,53	97,9 ± 15,3	<12,4	<19,9
		3. 2005/1359	<5,22	<5,25	96,5 ± 15,2	<12,6	<18,4
		4. 2005/2008	<5,51	<5,30	162 ± 19	<11,7	<18,7
Mochovce /Telinský potok/		1. 2005/0136	<6,29	<6,26	410 ± 33	<13,5	<21,8
		2. 2005/0743	<6,46	<6,14	311 ± 27	<13,6	<21,2
		3. 2005/1362	<5,31	<5,23	342 ± 27	<11,6	<17,8
		4. 2005/2011	<5,50	<5,17	322 ± 28	<15,9	<18,5
Nemčiňany * /rybník/		1. 2005/0298	<5,55	<5,13	158 ± 19	18,2 ± 4,6	<18,5
		2. 2005/0892	<7,75	<7,17	120 ± 21	<15,7	<25,1
		3. 2005/1538	<5,14	<5,25	142 ± 19	<11,8	<17,8
		4. 2005/1967	<6,52	<6,16	157 ± 21	19,9 ± 6,2	<20,9
Tlmače ** /Hron/		1. 2005/0283	<5,39	<5,27	151 ± 18	<11,9	<18,0
		2. 2005/0895	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
		3. 2005/1350	<5,26	<5,05	124 ± 16	<11,1	<17,9
		4. 2005/2014	<6,12	<5,84	143 ± 19	<15,0	<20,2
V. Kozmálovce ** /Hron-Hať/		1. 2005/0139	<5,39	<5,27	151 ± 18	<11,9	<18,0
		2. 2005/0898	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
		3. 2005/1353	<5,26	<5,05	124 ± 16	<11,1	<17,9
		4. 2005/2017	<6,12	<5,84	143 ± 19	<15,0	<20,2
V. Kozmálovce /Hron-pod výpustným otvorom/		1. 2005/0142	<5,24	<5,02	185 ± 22	<11,8	<18,1
		2. 2005/0901	<5,78	<5,49	114 ± 19	<12,4	<19,7
		3. 2005/1356	<5,11	<4,94	169 ± 18	<11,4	<17,7
		4. 2005/2020	<5,27	<5,24	181 ± 18	<11,2	<17,8

Poznámka: * V tabuľke sú uvedené priemerné hodnoty aktivity dvoch vzoriek (Levice-Podlužianka a Nemčiňany-rybník), zmiešaných v rovnakom objemovom pomere

** V tabuľke sú uvedené priemerné hodnoty aktivity troch vzoriek (V.Kozmálovce-ČS-Perec, Tlmače-Hron a V.Kozmálovce -Hron-hať), zmiešaných v rovnakom objemovom pomere

Table 269 Volume activity in surface waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Kainá n/Hronom /Hron/		1. 2006/0114	<5,75	143 ± 17	<12,7	<18,9
		2. 2006/0693	<5,02	42,9 ± 13,3	30,6 ± 4,5	<17,5
		3. 2006/1253	<4,97	120 ± 16	24,0 ± 4,7	<17,3
		4. 2006/1702	<4,67	126 ± 17	11,4 ± 3,4	<17,1
Mochovce /Telinský potok/		1. 2006/0117	<5,43	264 ± 24	<13,0	<20,1
		2. 2006/0696	<4,72	256 ± 23	13,8 ± 4,5	<16,6
		3. 2006/1288	<4,89	322 ± 25	10,3 ± 4,1	<17,0
		4. 2006/1731	<5,20	383 ± 28	10,2 ± 4,3	<17,8
Tlmače /Hron/		1. 2006/0311	<6,06	136 ± 20	<13,5	<20,7
		2. 2006/0699	<4,70	72,3 ± 13,5	22,6 ± 4,9	<17,0
		3. 2006/1256	<4,79	101 ± 16	10,1 ± 3,7	<16,6
		4. 2006/1705	<4,82	149 ± 17	8,97 ± 4,29	<18,0
V. Kozmálovce /Hron-Hať/		1. 2006/0120	<6,15	139 ± 22	<14,2	<22,5
		2. 2006/0702	<4,51	78,7 ± 13,8	17,1 ± 3,8	<16,3
		3. 2006/1259	<4,87	149 ± 17	12,1 ± 3,9	<16,1
		4. 2006/1708	<4,51	140 ± 17	13,1 ± 4,0	<16,8
V. Kozmálovce /Hron-pod výpustným c.		1. 2006/0123	<5,77	235 ± 25	<13,8	<20,3
		2. 2006/0705	<4,54	89,5 ± 13,8	30,4 ± 4,6	<17,0
		3. 2006/1262	<4,88	178 ± 20	11,0 ± 4,0	<16,7
		4. 2006/1711	<4,97	240 ± 21	14,8 ± 4,0	<17,4

Table 270 Volume activity in surface waters, 2006

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Kalná n/Hronom /Hron/	1. 2007/0134	<5,00	106 ± 16	16,9 ± 4,4	<16,1
	2. 2007/0807	3,26 ± 0,61	64,1 ± 17,4	25,5 ± 4,3	<18,7
	3. 2007/1133	3,48 ± 1,38	179 ± 38	<11,3	<18,1
	4. 2007/1931	2,94 ± 1,06	120 ± 37	<11,9	<18,7
Mochovce /Telinský potok/	1. 2007/0137	<5,03	423 ± 29	21,0 ± 4,3	<18,0
	2. 2007/0810	<5,86	338 ± 21	25,8 ± 4,7	12,8 ± 6,6
	3. 2007/1115	4,36 ± 1,51	453 ± 45	<12,1	<19,8
	4. 2007/1934	<5,69	378 ± 43	<12,1	<17,9
Tlmače /Hron/	1. 2007/0140	<4,92	122 ± 17	23,0 ± 4,3	<17,2
	2. 2007/0813	<5,60	108 ± 18	18,8 ± 4,0	<20,2
	3. 2007/1136	<5,67	99,4 ± 37,0	<11,2	<19,6
	4. 2007/1937	2,82 ± 1,47	111 ± 38	<12,3	<19,4
V. Kozmálovce /Hron-Hať/	1. 2007/0143	<4,82	125 ± 17	20,6 ± 4,3	<17,4
	2. 2007/0816	<5,77	93,1 ± 18,6	15,3 ± 4,0	<19,9
	3. 2007/1139	<5,85	114 ± 38	<11,7	<17,6
	4. 2007/1940	2,67 ± 1,21	120 ± 37	<11,8	<18,7
V. Kozmálovce /Hron-pod výpustným otvorom/	1. 2007/0146	<4,81	182 ± 19	21,0 ± 4,3	<18,1
	2. 2007/0819	<5,57	154 ± 19	19,0 ± 4,4	<19,9
	3. 2007/1142	4,41 ± 1,46	339 ± 42	<15,5	<18,9
	4. 2007/1943	5,52 ± 1,73	269 ± 40	<11,4	<20,1

[Table 271 Volume activity in surface waters, 2007](#)

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

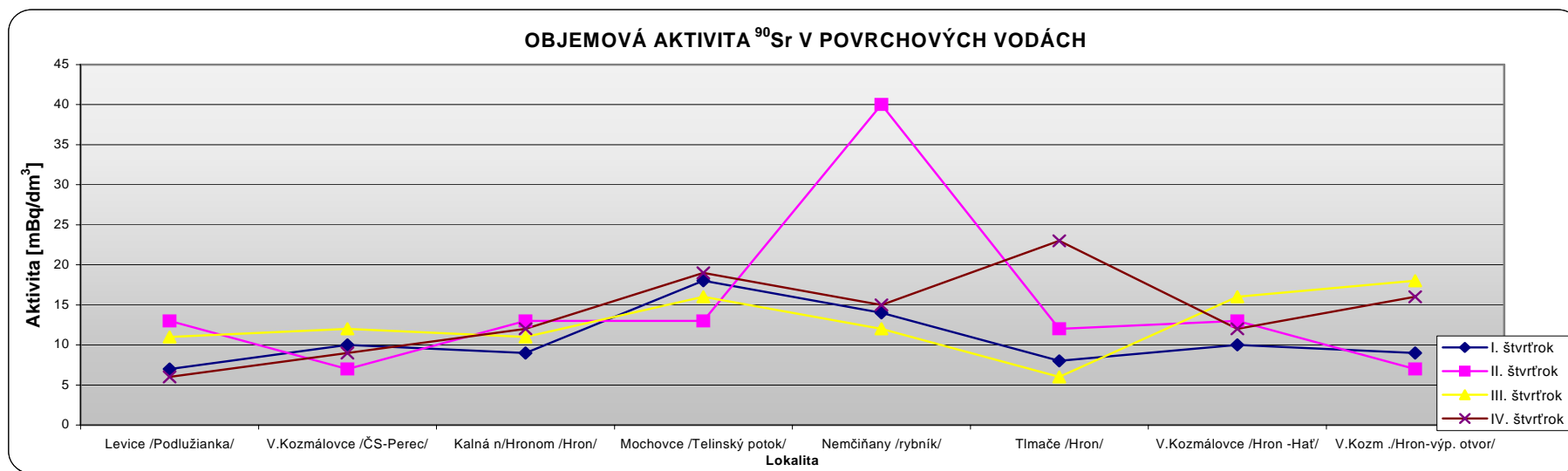
(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Kalná n/Hronom /Hron/	1.	2008/0313	<5,91	115 ± 83	<11,7	<21,1
	2.	2008/0827	<6,01	82,7 ± 28,6	<13,6	<19,6
	3.	2008/1268	<5,91	92,8 ± 33,3	<13,7	<20,9
	4.	2008/1845	<6,16	137 ± 36	20,8 ± 17,8	<22,1
Mochovce /Telinský potok/	1.	2008/0153	3,03 ± 2,44	390 ± 92	<12,4	<20,8
	2.	2008/0830	<5,86	250 ± 45	<13,8	<21,0
	3.	2008/1224	<6,08	357 ± 56	<15,8	<20,5
	4.	2008/1857	<5,82	323 ± 51	<13,5	<21,1
Tlmače /Hron/	1.	2008/0316	<5,92	71,8 ± 80,9	<15,7	<19,6
	2.	2008/0833	<5,76	90,4 ± 31,3	<14,0	<20,5
	3.	2008/1271	<5,98	106 ± 33	<13,8	<21,5
	4.	2008/1848	<6,15	131 ± 35	<18,9	<22,6
V. Kozmálovce /Hron-Hať/	1.	2008/0319	3,84 ± 3,11	106 ± 81	<11,9	<20,9
	2.	2008/0836	<5,85	112 ± 31	<16,6	<20,7
	3.	2008/1274	<5,88	111 ± 51	<13,8	<21,7
	4.	2008/1851	<6,31	133 ± 37	30,6 ± 16,2	<23,0
V. Kozmálovce /Hron-pod výpustným otvorom/	1.	2008/0322	<5,47	66,4 ± 75,9	25,4 ± 11,6	<19,6
	2.	2008/0839	<6,00	135 ± 35	30,1 ± 13,6	<21,0
	3.	2008/1277	<5,90	205 ± 42	<14,3	<19,6
	4.	2008/1854	<6,15	310 ± 54	<14,7	<22,0

[Table 272 Volume activity in surface waters, 2008](#)

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Levice /Podlužianka/	2005/168	7 ± 1	2005/736	13 ± 2	2005/1533	11 ± 1	2005/1958	6 ± 1
V.Kozmálovce /ČS-Perec/	2005/171	10 ± 1	2005/740	7 ± 1	2005/1536	12 ± 1	2005/1961	9 ± 1
Kalná n/Hronom /Hron/	2005/149	9 ± 1	2005/890	13 ± 2	2005/1360	11 ± 1	2005/2009	12 ± 2
Mochovce /Telinský potok/	2005/137	18 ± 2	2005/744	13 ± 2	2005/1363	16 ± 2	2005/2012	19 ± 2
Nemčiňany /rybník/	2005/299	14 ± 2	2005/893	40 ± 3	2005/1539	12 ± 2	2005/1968	15 ± 2
Tlmače /Hron/	2005/284	8 ± 1	2005/896	12 ± 1	2005/1351	6 ± 1	2005/2015	23 ± 2
V.Kozmálovce /Hron -Hat/	2005/140	10 ± 1	2005/899	13 ± 2	2005/1354	16 ± 2	2005/2018	12 ± 2
V.Kozm .Hron-výp. otvor/	2005/143	9 ± 1	2005/902	7 ± 1	2005/1357	18 ± 2	2005/2021	16 ± 2

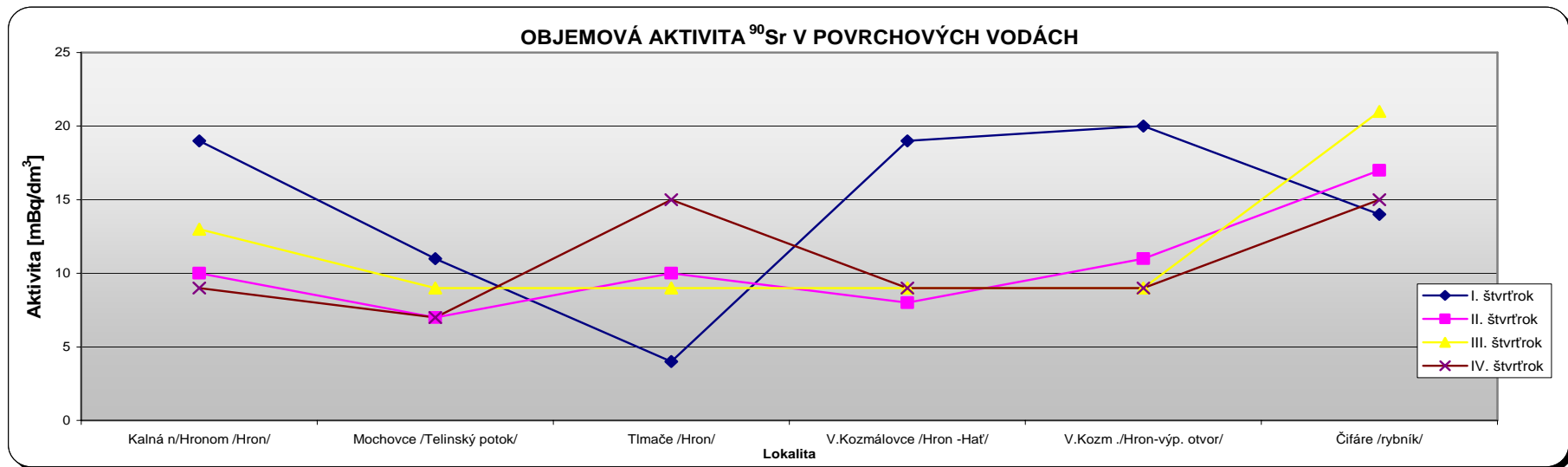
Table 273 ⁹⁰Sr volume activity in surface waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Kalná n/Hronom /Hron/	2006/115	19 ± 2	2006/694	10 ± 1	2006/1253	13 ± 2	2006/1703	9 ± 1
Mochovce /Telinský potok/	2006/118	11 ± 2	2006/697	7 ± 1	2006/1288	9 ± 1	2006/1732	7 ± 1
Tlmače /Hron/	2006/312	4 ± 1	2006/700	10 ± 1	2006/1256	9 ± 1	2006/1706	15 ± 2
V.Kozmálovce /Hron -Hat/	2006/121	19 ± 2	2006/703	8 ± 1	2006/1259	9 ± 1	2006/1709	9 ± 1
V.Kozm . /Hron-výp. otvor/	2006/124	20 ± 2	2006/706	11 ± 2	2006/1262	9 ± 1	2006/1712	9 ± 1
Čifáre /rybník/	2006/407	14 ± 2	2006/668	17 ± 2	2006/1291	21 ± 2	2006/1691	15 ± 2

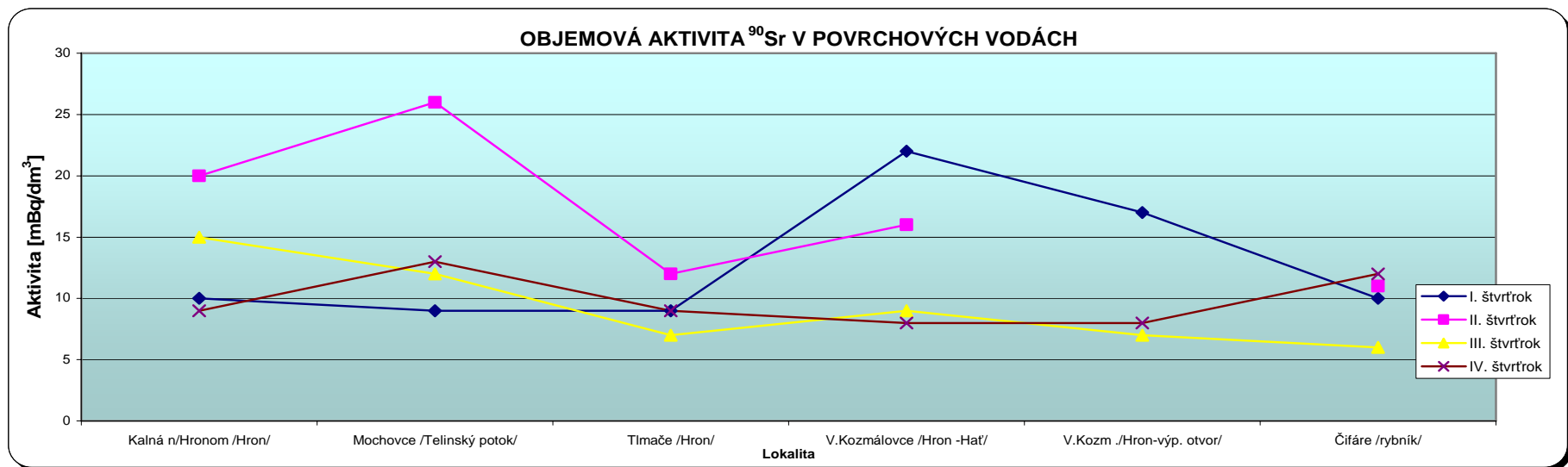
Table 274 ⁹⁰Sr volume activity in surface waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Kalná n/Hronom /Hron/	2007/134	10 ± 1	2007/808	20 ± 2	2007/1134	15 ± 2	2007/1932	9 ± 1
Mochovce /Telinský potok/	2007/137	9 ± 1	2007/811	26 ± 2	2007/1116	12 ± 2	2007/1935	13 ± 2
Tlmače /Hron/	2007/140	9 ± 1	2007/814	12 ± 1	2007/1137	7 ± 1	2007/1938	9 ± 1
V.Kozmálovce /Hron -Hat/	2007/143	22 ± 2	2007/817	16 ± 2	2007/1140	9 ± 1	2007/1941	8 ± 1
V.Kozm. /Hron-výp. otvor/	2007/146	17 ± 2	2007/820	<6	2007/1143	7 ± 1	2007/1944	8 ± 1
Čifáre /rybník/	2007/149	10 ± 1	2007/722	11 ± 2	2007/1146	6 ± 1	2007/1923	12 ± 2



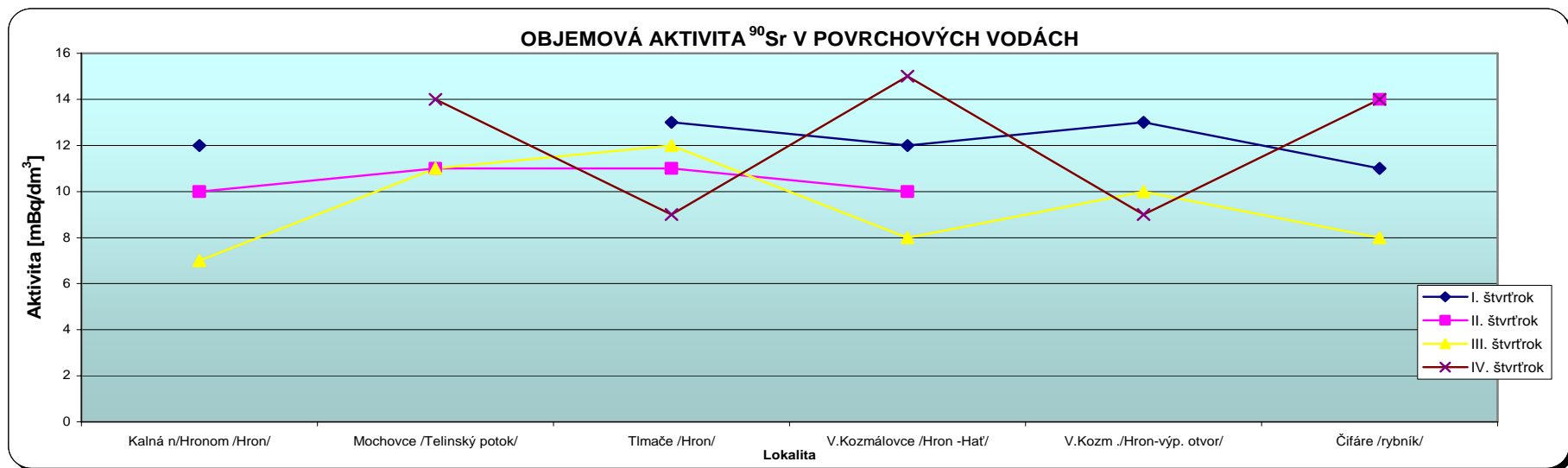
[Table 275 ⁹⁰Sr volume activity in surface waters, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Kalná n/Hronom /Hron/	2008/314	12 ± 2	2008/828	10 ± 2	2008/1269	7 ± 2	2008/1846	<6
Mochovce /Telinský potok/	2008/154	<6	2008/831	11 ± 2	2008/1225	11 ± 2	2008/1858	14 ± 3
Tlmače /Hron/	2008/317	13 ± 3	2008/834	11 ± 2	2008/1272	12 ± 2	2008/1849	9 ± 2
V.Kozmálovce /Hron -Hat/	2008/320	12 ± 2	2008/837	10 ± 2	2008/1275	8 ± 2	2008/1852	15 ± 3
V.Kozm .Hron-výp. otvor/	2008/323	13 ± 3	2008/840	<6	2008/1278	10 ± 2	2008/1855	9 ± 2
Čífare /rybník/	2008/157	11 ± 2	2008/878	14 ± 3	2008/1228	8 ± 2	2008/1861	14 ± 3



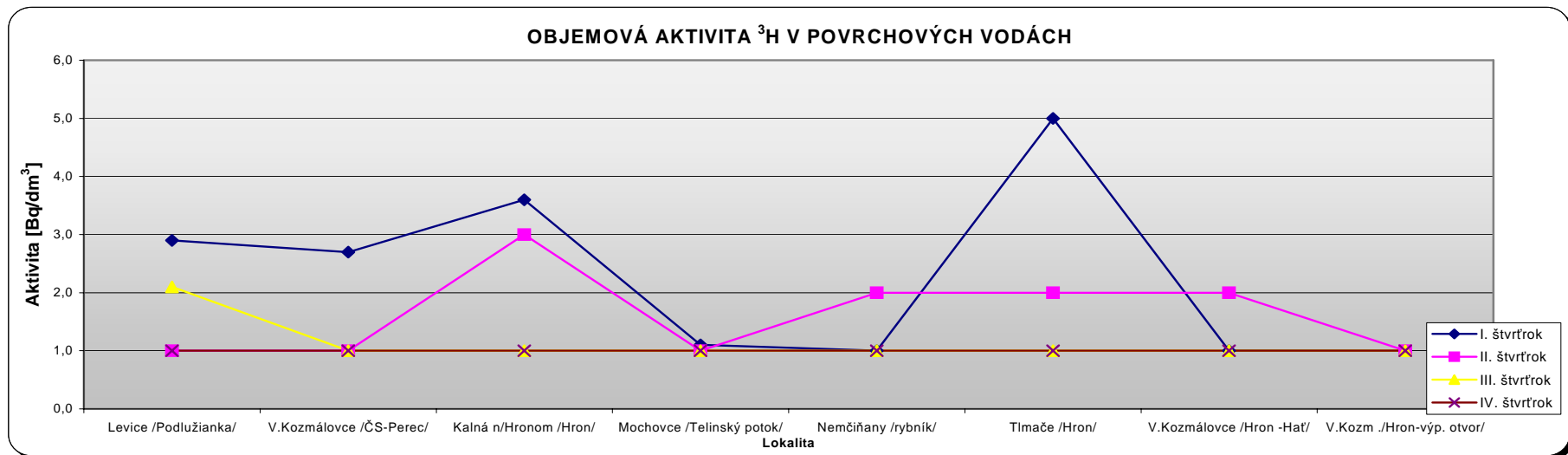
[Table 276 ⁹⁰Sr volume activity in surface waters, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
Levice /Podlužianka/	2005/169	2,9 ± 0,4	2005/737	1,0 ± 0,1	2005/1534	2,1 ± 0,3	2005/1959	1,0 ± 0,1
V.Kozmálovce /ČS-Perec/	2005/172	2,7 ± 0,4	2005/741	1,0 ± 0,1	2005/1537	1,0 ± 0,1	2005/1962	1,0 ± 0,1
Kalná n/Hronom /Hron/	2005/150	3,6 ± 0,5	2005/891	3,0 ± 0,4	2005/1361	1,0 ± 0,1	2005/2010	1,0 ± 0,1
Mochovce /Telinský potok/	2005/138	1,1 ± 0,1	2005/745	1,0 ± 0,1	2005/1364	1,0 ± 0,1	2005/2013	1,0 ± 0,1
Nemčiňany /rybník/	2005/300	1,0 ± 0,1	2005/894	2,0 ± 0,3	2005/1540	1,0 ± 0,1	2005/1969	1,0 ± 0,1
Tlmače /Hron/	2005/285	5,0 ± 0,7	2005/897	2,0 ± 0,3	2005/1352	1,0 ± 0,1	2005/2016	1,0 ± 0,1
V.Kozmálovce /Hron -Hať/	2005/141	1,0 ± 0,1	2005/900	2,0 ± 0,3	2005/1355	1,0 ± 0,1	2005/2019	1,0 ± 0,1
V.Kozm .Hron-výp. otvor/	2005/144	1,0 ± 0,1	2005/903	1,0 ± 0,1	2005/1358	1,0 ± 0,1	2005/2022	1,0 ± 0,1

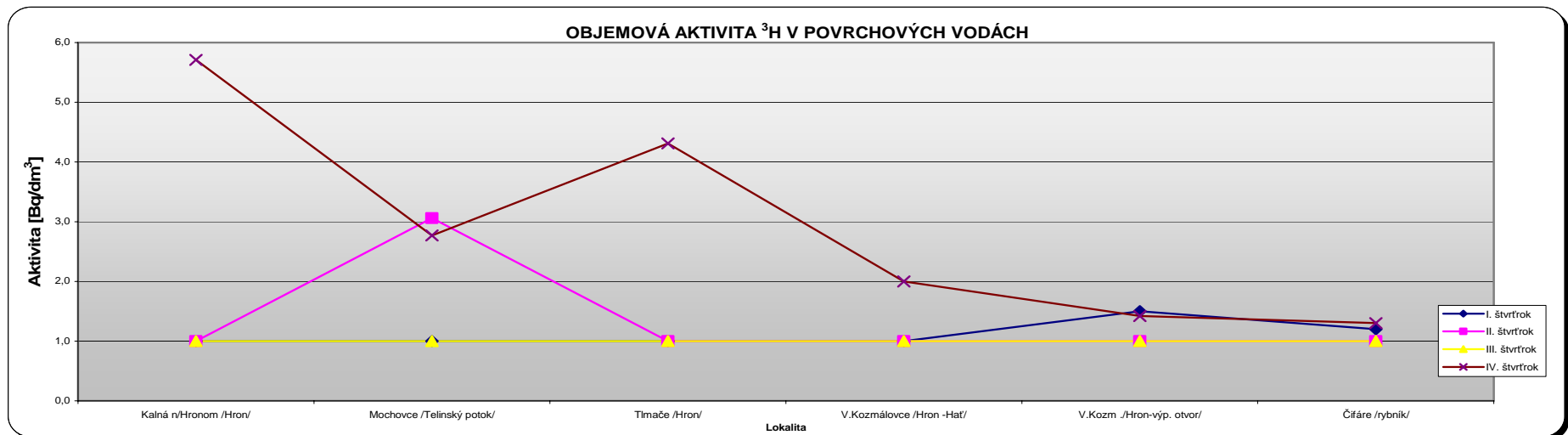
Table 277 ³H volume activity in surface waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ^3H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm ³]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm ³]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm ³]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm ³]
Kalná n/Hronom /Hron/	2006/116	1,0 ± 0,1	2006/695	1,0 ± 0,1	2006/1254	1,0 ± 0,1	2006/1704	5,7 ± 0,8
Mochovce /Telinský potok/	2006/119	1,0 ± 0,1	2006/698	3,1 ± 0,4	2006/1289	1,0 ± 0,1	2006/1733	2,8 ± 0,4
Tlmače /Hron/	2006/313	1,0 ± 0,1	2006/701	1,0 ± 0,1	2006/1257	1,0 ± 0,1	2006/1707	4,3 ± 0,6
V.Kozmálovce /Hron -Hat/	2006/122	1,0 ± 0,1	2006/704	1,0 ± 0,1	2006/1260	1,0 ± 0,1	2006/1710	2,0 ± 0,3
V.Kozm . /Hron-výp. otvor/	2006/125	1,5 ± 0,2	2006/707	1,0 ± 0,1	2006/1263	1,0 ± 0,1	2006/1713	1,4 ± 0,2
Čífare /rybník/	2006/408	1,2 ± 0,2	2006/669	1,0 ± 0,1	2006/1292	1,0 ± 0,1	2006/1692	1,3 ± 0,2

Table 278 ^3H volume activity in surface waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
Kalná n/Hronom /Hron/	2007/135	4,8 ± 0,7	2007/809	1,1 ± 0,2	2007/1135	6,3 ± 0,9	2007/1933	5,2 ± 0,7
Mochovce /Telinský potok/	2007/138	2,0 ± 0,3	2007/812	4,7 ± 0,6	2007/1117	<1	2007/1936	3,0 ± 0,4
Tlmače /Hron/	2007/141	4,8 ± 0,7	2007/815	5,5 ± 0,7	2007/1138	<1	2007/1939	1,6 ± 0,2
V.Kozmálovce /Hron -Hať/	2007/144	4,9 ± 0,7	2007/818	<1	2007/1141	<1	2007/1942	2,2 ± 0,3
V.Kozm .Hron-výp. otvor/	2007/147	3,0 ± 0,4	2007/821	<1	2007/1144	<1	2007/1945	<1
Čifáre /rybník/	2007/150	1,1 ± 0,2	2007/723	2,4 ± 0,3	2007/1147	<1	2007/1924	<1

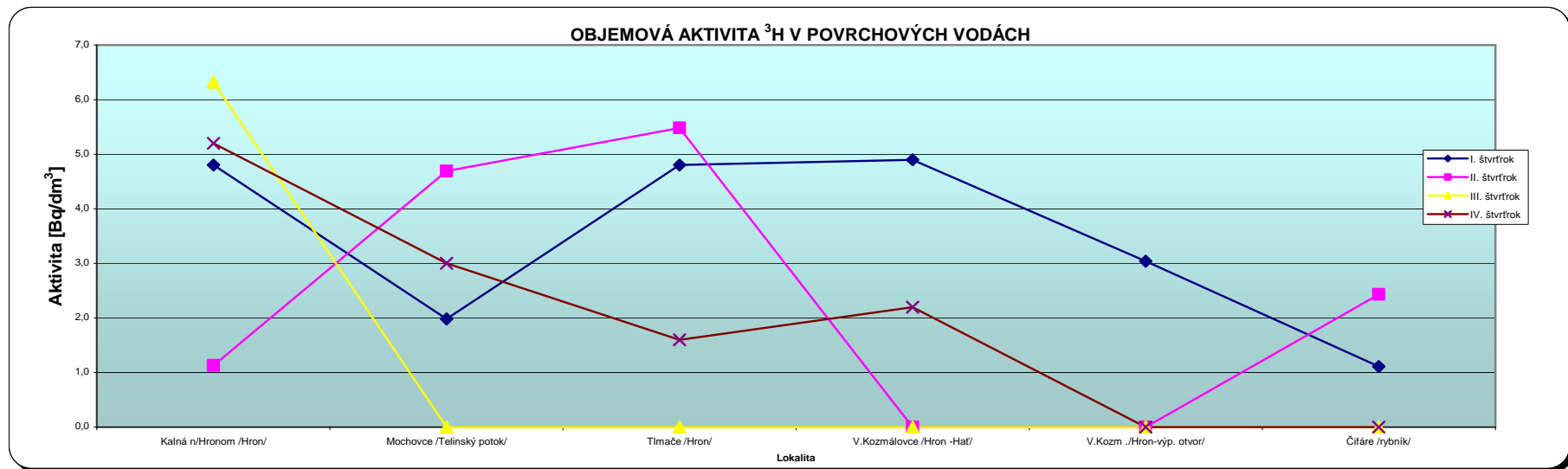


Table 279 ³H volume activity in surface waters, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
Kalná n/Hronom /Hron/	2008/315	4,9 ± 0,5	2008/829	6,2 ± 0,7	2008/1270	8,1 ± 0,9	2008/1847	1,6 ± 0,2
Mochovce /Telinský potok/	2008/155	5,9 ± 0,6	2008/832	6,0 ± 0,7	2008/1226	1,1 ± 0,1	2008/1858	1,4 ± 0,2
Tlmače /Hron/	2008/318	4,0 ± 0,4	2008/835	4,9 ± 0,5	2008/1273	1,1 ± 0,1	2008/1850	3,5 ± 0,4
V.Kozmálovce /Hron -Hať/	2008/321	4,7 ± 0,5	2008/838	3,7 ± 0,4	2008/1276	1,3 ± 0,1	2008/1853	<1
V.Kozm. /Hron-výp. otvor/	2008/324	3,0 ± 0,3	2008/841	1,3 ± 0,1	2008/1279	1,5 ± 0,2	2008/1856	<1
Čifáre /rybník/	2008/158	3,0 ± 0,3	2008/879	3,0 ± 0,3	2008/1229	1,9 ± 0,2	2008/1862	<1

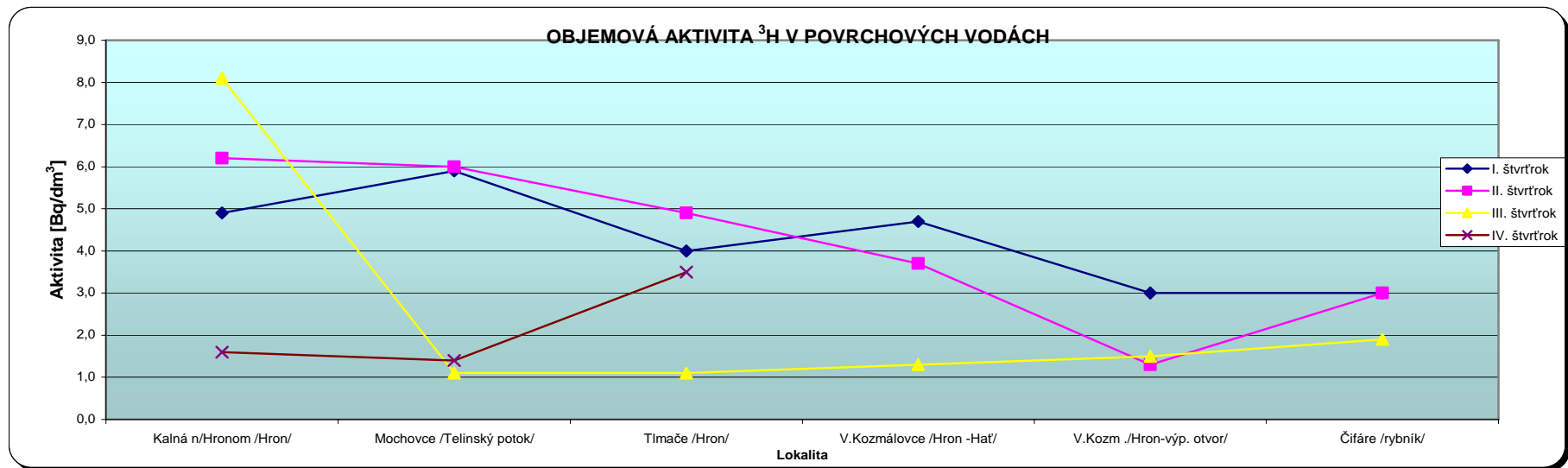


Table 280 ³H volume activity in surface waters, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2005/388	<4	2005/1018	<4	2005/1541	<4	2005/2150	<4
Kalná n/Hronom Hron	2005/389	4 ± 1	2005/1019	<4	2005/1542	<4	2005/2149	<4

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2005/388	66 ± 16	2005/1018	37 ± 9	2005/1541	61 ± 15	2005/2150	86 ± 21
Kalná n/Hronom Hron	2005/389	58 ± 14	2005/1019	45 ± 11	2005/1542	63 ± 15	2005/2149	82 ± 20

Table 281 Gross alpha and beta volume activities in surface waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2006/404	<4	2006/926	<4	2006/1498	<4	2006/2050	5 ± 1
Kalná n/Hronom Hron	2006/405	<4	2006/925	<4	2006/1497	<4	2006/2049	<4

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2006/404	67 ± 18	2006/926	41 ± 11	2006/1498	67 ± 17	2006/2050	95 ± 20
Kalná n/Hronom Hron	2006/405	58 ± 16	2006/925	40 ± 11	2006/1497	67 ± 17	2006/2049	111 ± 24

Table 282 Gross alpha and beta volume activities in surface waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2007/420	<4	2007/903	<4	2007/1434	<4	2007/1977	<4
Kalná n/Hronom Hron	2007/421	<4	2007/902	4 ± 1	2007/1433	<4	2007/1976	5 ± 1

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2007/420	62 ± 13	2007/903	52 ± 14	2007/1434	71 ± 18	2007/1977	74 ± 17
Kalná n/Hronom Hron	2007/421	55 ± 12	2007/902	54 ± 13	2007/1433	74 ± 18	2007/1976	68 ± 16

[Table 283. Gross alpha and beta volume activities in surface waters, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2008/426	<50	2008/977	<50	2008/1530	<50	2008/2090	<50
Kalná n/Hronom Hron	2008/425	<50	2008/976	<50	2008/1529	<50	2008/2089	<50

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Tlmače Hron	2008/426	55 ± 4	2008/977	45 ± 3	2008/1530	70 ± 5	2008/2090	66 ± 5
Kalná n/Hronom Hron	2008/425	61 ± 5	2008/976	42 ± 3	2008/1529	71 ± 5	2008/2089	60 ± 5

[Table 284. Gross alpha and beta volume activities in surface waters, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Lokalita	Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
				[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Malé Kozmálovce*	1.	2005/0286	<5,56	<5,25	241 ± 24	<12,2	<19,0	
	2.	2005/0709	<5,07	<4,97	230 ± 21	<11,1	<16,4	
	3.	2005/1217	<5,38	<5,22	227 ± 22	<12,1	<18,4	
	4.	2005/1792	<5,52	<5,27	266 ± 25	<14,4	<18,6	
Starý Tekov*	1.	2005/0173	<5,56	<5,25	241 ± 24	<12,2	<19,0	
	2.	2005/0712	<5,07	<4,97	230 ± 21	<11,1	<16,4	
	3.	2005/1220	<5,38	<5,22	227 ± 22	<12,1	<18,4	
	4.	2005/1795	<5,52	<5,27	266 ± 25	<14,4	<18,6	
Nový Tekov*	1.	2005/0316	<5,56	<5,25	241 ± 24	<12,2	<19,0	
	2.	2005/0731	<5,07	<4,97	230 ± 21	<11,1	<16,4	
	3.	2005/1213	<5,38	<5,22	227 ± 22	<12,1	<18,4	
	4.	2005/1798	<5,52	<5,27	266 ± 25	<14,4	<18,6	
Kalná n/Hr.*	1.	2005/0364	<5,56	<5,25	241 ± 24	<12,2	<19,0	
	2.	2005/0718	<5,07	<4,97	230 ± 21	<11,1	<16,4	
	3.	2005/1230	<5,38	<5,22	227 ± 22	<12,1	<18,4	
	4.	2005/1801	<5,52	<5,27	266 ± 25	<14,4	<18,6	
Červený Hrádok*	1.	2005/0145	<5,56	<5,25	241 ± 24	<12,2	<19,0	
	2.	2005/0715	<5,07	<4,97	230 ± 21	<11,1	<16,4	
	3.	2005/1223	<5,38	<5,22	227 ± 22	<12,1	<18,4	
	4.	2005/1828	<5,52	<5,27	266 ± 25	<14,4	<18,6	

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatich vzoriek, zmiešaných v rovnakom objemovom pomere

Table 285 Volume activity in drinking waters, 2005

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Lokalita\Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Malé Kozmálovce*	1.	2006/0159	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0672	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1269	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1696	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Starý Tekov*	1.	2006/0162	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0675	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1265	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1699	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Nový Tekov*	1.	2006/0314	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0656	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1184	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1595	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Kalná n/Hr.*	1.	2006/0386	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0638	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1187	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1598	<3,81	361 ± 24	11,8 ± 3,3	<13,6

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatich vzoriek, zmiešaných v rovnakom objemovom pomere

Table 286 Volume activity in drinking waters, 2006

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Lokalita \ Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Malé Kozmálovce*	1.	2007/0343	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0760	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1103	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1523	<4,13	463 ± 36	<8,27	<14,7
Starý Tekov*	1.	2007/0346	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0763	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1106	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1526	<4,13	463 ± 36	<8,27	<14,7
Nový Tekov*	1.	2007/0349	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0766	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1109	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1529	<4,13	463 ± 36	<8,27	<14,7
Kalná n/Hr.*	1.	2007/0352	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0769	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1112	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1532	<4,13	463 ± 36	<8,27	<14,7

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatich vzoriek, zmiešaných v rovnakom objemovom pomere

[Table 287 Volume activity in drinking waters, 2007](#)

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

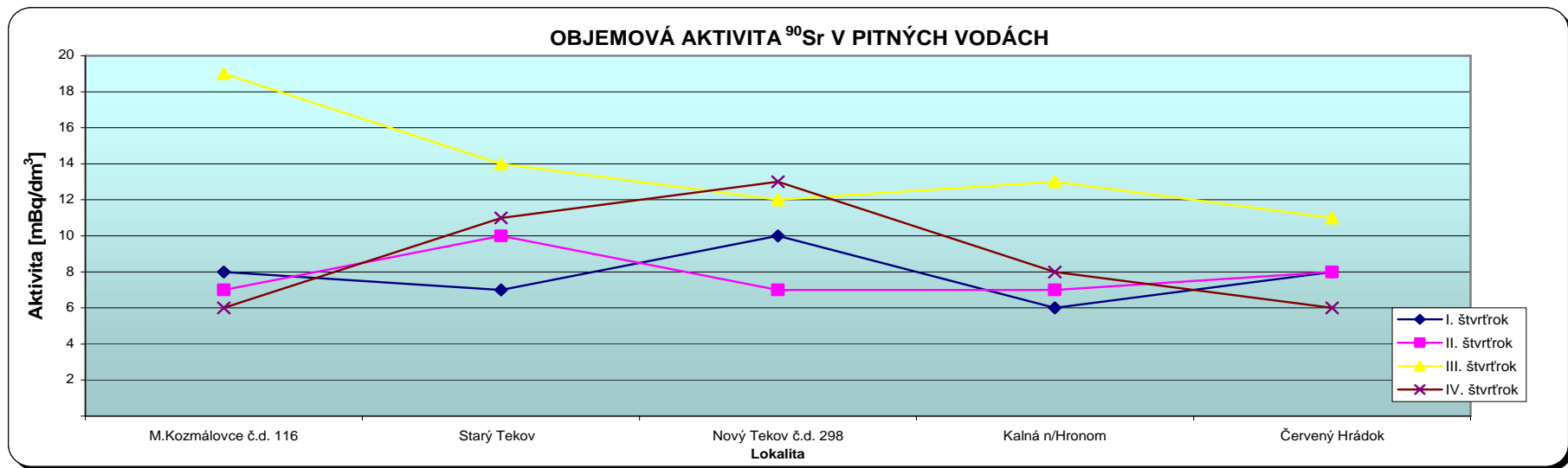
(gamaspektrometria)

Lokalita \ Štvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Malé Kozmálovce	1.	2008/0380	4,57 ± 2,72	1100 ± 130	<12,7	<25,4
	2.	2008/0813	3,76 ± 2,83	870 ± 114	<14,2	<20,9
	3.	2008/1252	<6,33	1100 ± 100	<14,7	<20,4
	4.	2008/1730	<6,62	1170 ± 110	<15,6	<23,0
Starý Tekov	1.	2008/0383	3,06 ± 2,52	65,9 ± 80,4	<11,6	<19,7
	2.	2008/0816	4,83 ± 2,83	<88,4	<12,1	<19,7
	3.	2008/1255	<6,19	87,2 ± 29,7	27,4 ± 14,0	<21,1
	4.	2008/1733	<6,27	107 ± 35	<18,8	<21,2
Nový Tekov	1.	2008/0386	3,63 ± 2,67	354 ± 92	<12,7	<21,2
	2.	2008/0820	3,31 ± 2,82	265 ± 88	<11,9	<20,2
	3.	2008/1258	<6,34	378 ± 58	29,3 ± 14,0	<21,6
	4.	2008/1769	<6,09	312 ± 54	<14,1	<21,8
Kainá n/Hr.	1.	2008/0389	<5,91	<86,3	<11,8	<20,7
	2.	2008/0823	3,36 ± 2,73	<83,4	<14,1	<20,7
	3.	2008/1261	<6,08	83,3 ± 30,2	<13,7	<21,0
	4.	2008/1930	<6,28	101 ± 32	<15,4	<23,3

[Table 288 Volume activity in drinking waters, 2008](#)

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
M.Kozmálovce č.d. 116	2005/287	8 ± 1	2005/710	7 ± 1	2005/1218	19 ± 2	2005/1793	6 ± 1
Starý Tekov	2005/174	7 ± 1	2005/713	10 ± 1	2005/1221	14 ± 2	2005/1796	11 ± 1
Nový Tekov č.d. 298	2005/317	10 ± 1	2005/732	7 ± 1	2005/1214	12 ± 2	2005/1799	13 ± 2
Kalná n/Hronom	2005/365	6 ± 1	2005/719	7 ± 1	2005/1231	13 ± 2	2005/1802	8 ± 1
Červený Hrádok	2005/146	8 ± 1	2005/716	8 ± 1	2005/1224	11 ± 2	2005/1829	6 ± 1

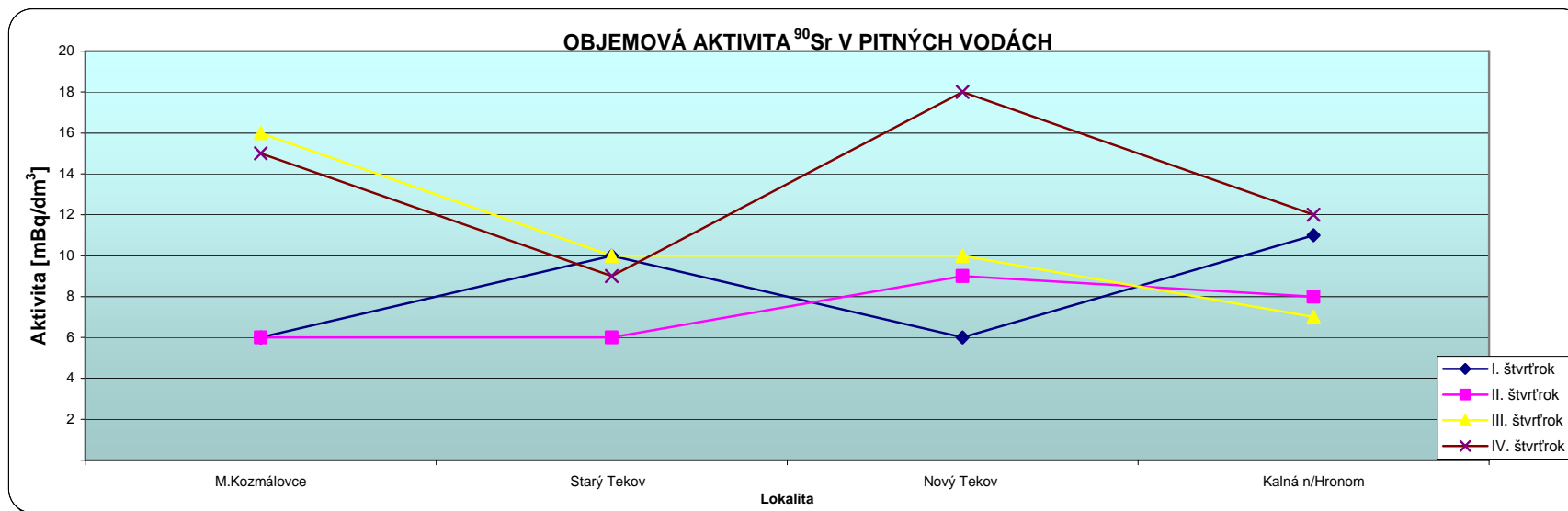
Table 289 ^{90}Sr volume activity in drinking waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
M.Kozmálovce	2006/160	6 ± 1	2006/673	6 ± 1	2006/1269	16 ± 2	2006/1697	15 ± 2
Starý Tekov	2006/163	10 ± 1	2006/676	6 ± 1	2006/1265	10 ± 1	2006/1700	9 ± 1
Nový Tekov	2006/315	6 ± 1	2006/657	9 ± 1	2006/1184	10 ± 1	2006/1596	18 ± 2
Kalná n/Hronom	2006/387	11 ± 1	2006/639	8 ± 1	2006/1187	7 ± 1	2006/1599	12 ± 1

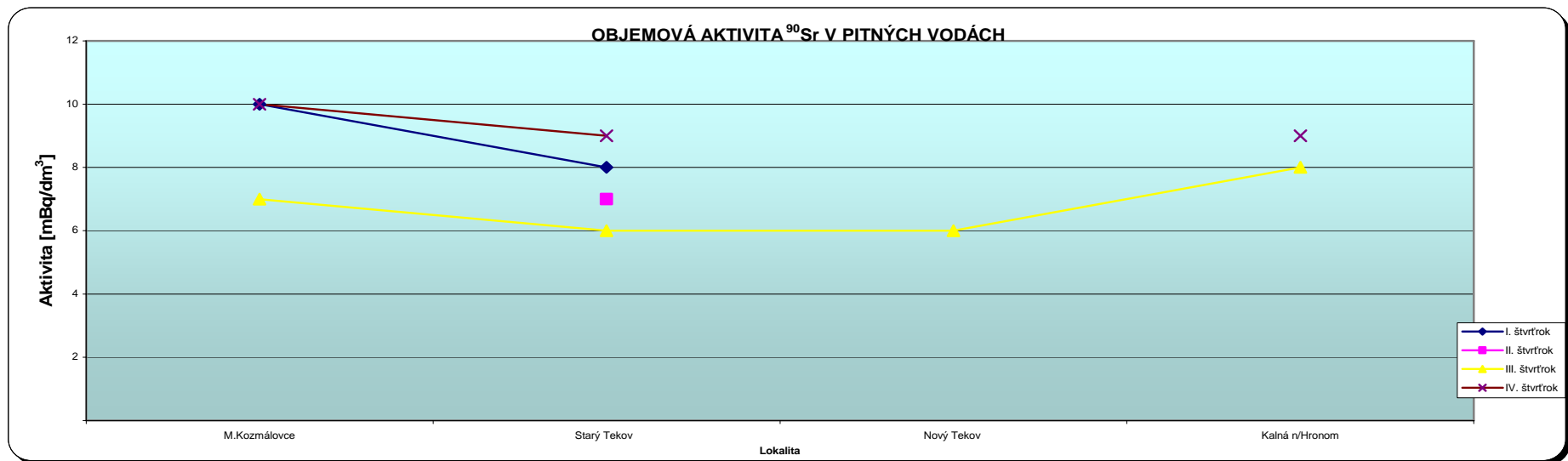
Table 290 ^{90}Sr volume activity in drinking waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
M.Kozmálovce	2007/343	10 ± 1	2007/761	<6	2007/1104	7 ± 1	2007/1524	10 ± 1
Starý Tekov	2007/346	8 ± 1	2007/764	7 ± 1	2007/1107	6 ± 1	2007/1527	9 ± 1
Nový Tekov	2007/349	<6	2007/767	<6	2007/1110	6 ± 1	2007/1530	<6
Kalná n/Hronom	2007/352	<6	2007/770	<6	2007/1113	8 ± 1	2007/1533	9 ± 1



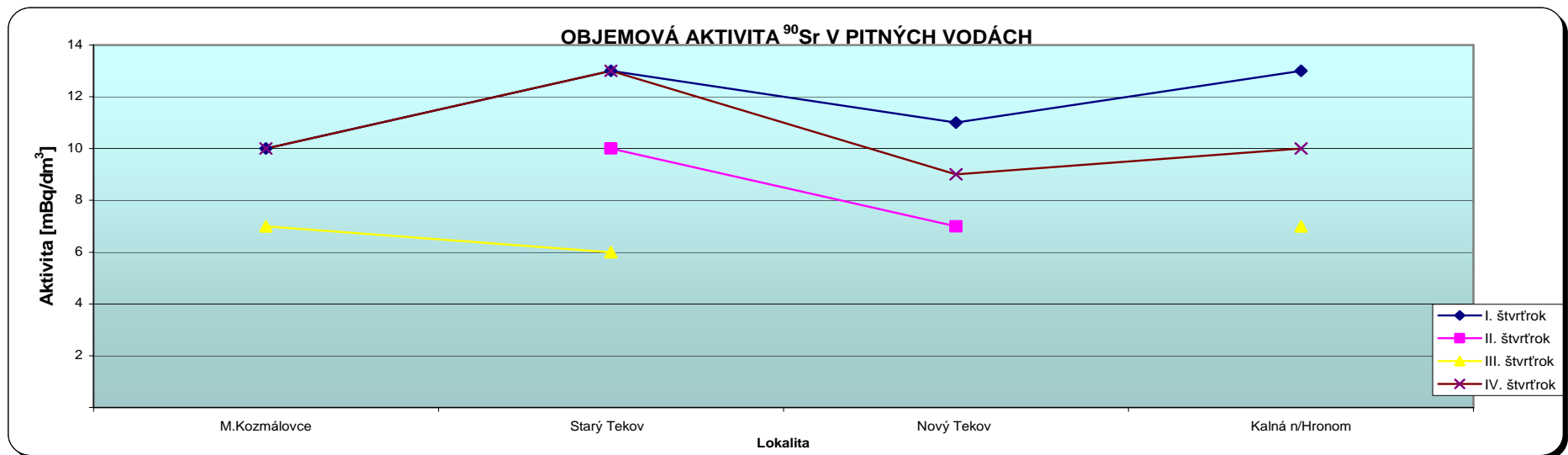
[Table 291 ⁹⁰Sr volume activity in drinking waters, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
M.Kozmálovce	2008/381	10 ± 2	2008/814	<6	2008/1253	7 ± 2	2008/1731	10 ± 2
Starý Tekov	2008/384	13 ± 3	2008/817	10 ± 2	2008/1256	6 ± 1	2008/1734	13 ± 3
Nový Tekov	2008/387	11 ± 2	2008/821	7 ± 2	2008/1259	<6	2008/1770	9 ± 2
Kalná n/Hronom	2008/390	13 ± 2	2008/824	<6	2008/1262	7 ± 2	2008/1931	10 ± 2



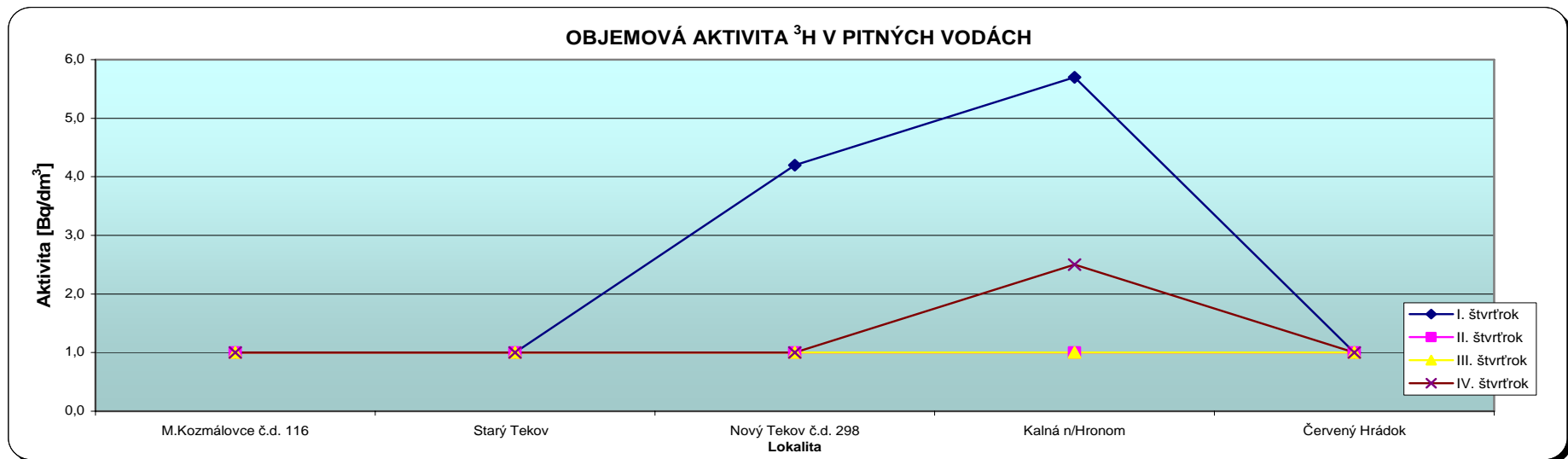
[Table 292 ⁹⁰Sr volume activity in drinking waters, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ^3H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
M.Kozmálovce č.d. 116	2005/288	1,0 ± 0,1	2005/711	1,0 ± 0,1	2005/1219	1,0 ± 0,1	2005/1794	1,0 ± 0,1
Starý Tekov	2005/175	1,0 ± 0,1	2005/714	1,0 ± 0,1	2005/1222	1,0 ± 0,1	2005/1797	1,0 ± 0,1
Nový Tekov č.d. 298	2005/318	4,2 ± 0,6	2005/733	1,0 ± 0,1	2005/1215	1,0 ± 0,1	2005/1800	1,0 ± 0,1
Kalná n/Hronom	2005/366	5,7 ± 0,8	2005/720	1,0 ± 0,1	2005/1232	1,0 ± 0,1	2005/1803	2,5 ± 0,3
Červený Hrádok	2005/147	1,0 ± 0,1	2005/717	1,0 ± 0,1	2005/1225	1,0 ± 0,1	2005/1830	1,0 ± 0,1

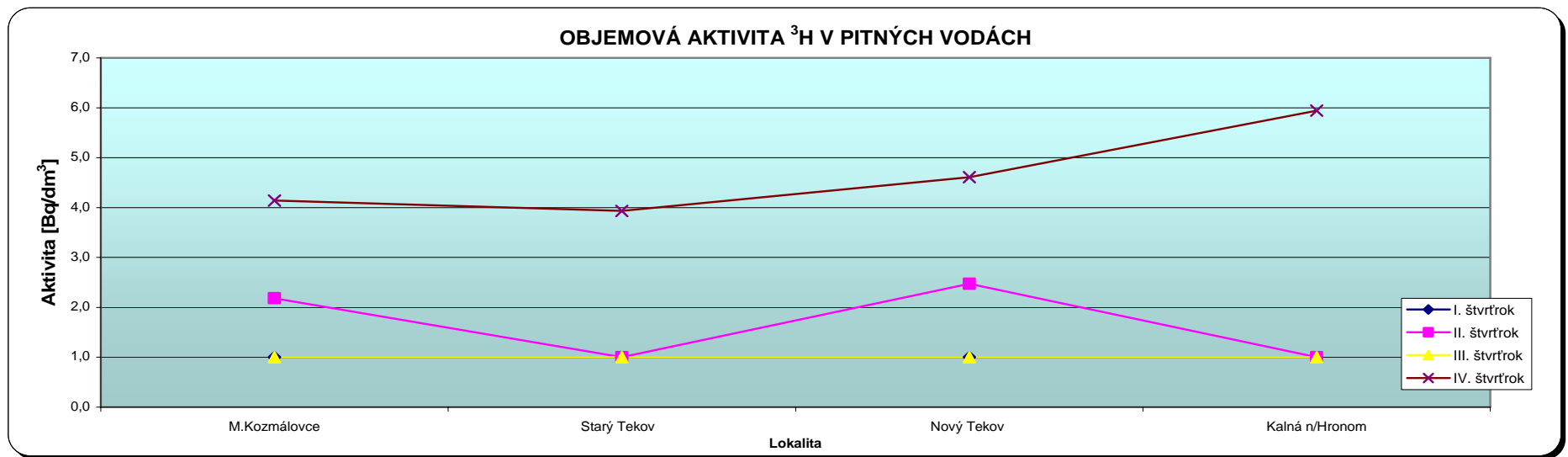
Table 293 ^3H volume activity in drinking waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ³H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
M.Kozmálovce	2006/161	1,0 ± 0,1	2006/674	2,2 ± 0,3	2006/1270	1,0 ± 0,1	2006/1698	4,1 ± 0,6
Starý Tekov	2006/164	1,0 ± 0,1	2006/677	1,0 ± 0,1	2006/1266	1,0 ± 0,1	2006/1701	3,9 ± 0,5
Nový Tekov	2006/316	1,0 ± 0,1	2006/658	2,5 ± 0,3	2006/1185	1,0 ± 0,1	2006/1597	4,6 ± 0,6
Kalná n/Hronom	2006/388	1,0 ± 0,1	2006/640	1,0 ± 0,1	2006/1188	1,0 ± 0,1	2006/1600	5,9 ± 0,8

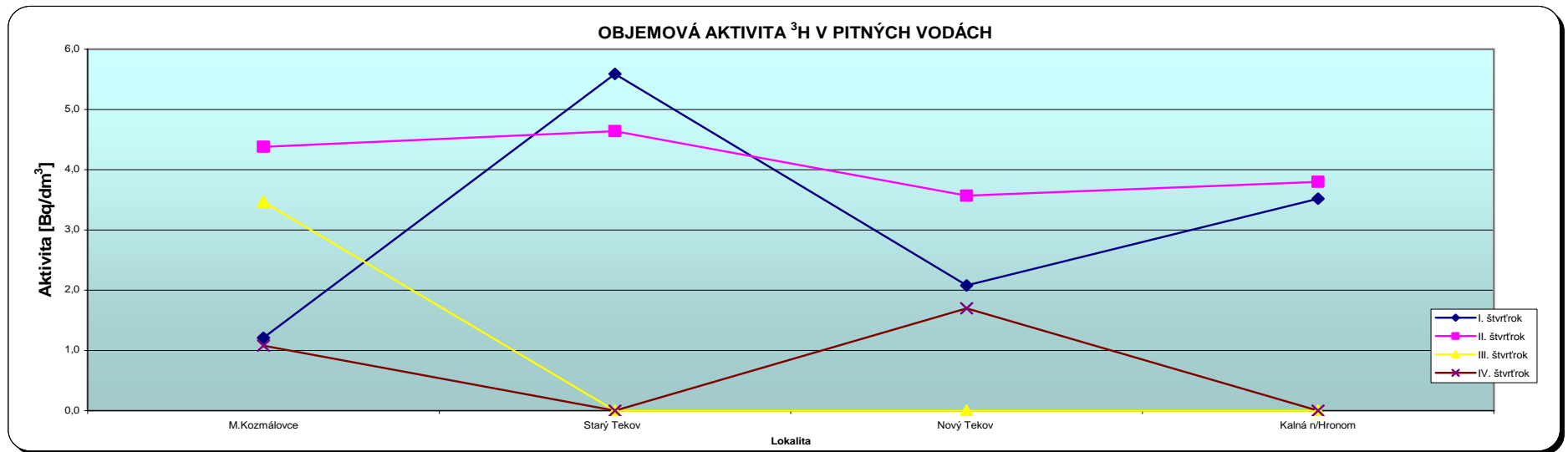
Table 294 ³H volume activity in drinking waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ³H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
M.Kozmálovce	2007/344	1,2 ± 0,2	2007/762	4,4 ± 0,6	2007/1105	3,5 ± 0,5	2007/1525	1,1 ± 0,1
Starý Tekov	2007/347	5,6 ± 0,8	2007/765	4,6 ± 0,6	2007/1108	<1	2007/1528	<1
Nový Tekov	2007/350	2,1 ± 0,3	2007/768	3,6 ± 0,5	2007/1111	<1	2007/1531	1,7 ± 0,2
Kalná n/Hronom	2007/353	3,5 ± 0,5	2007/771	3,8 ± 0,5	2007/1114	<1	2007/1534	<1



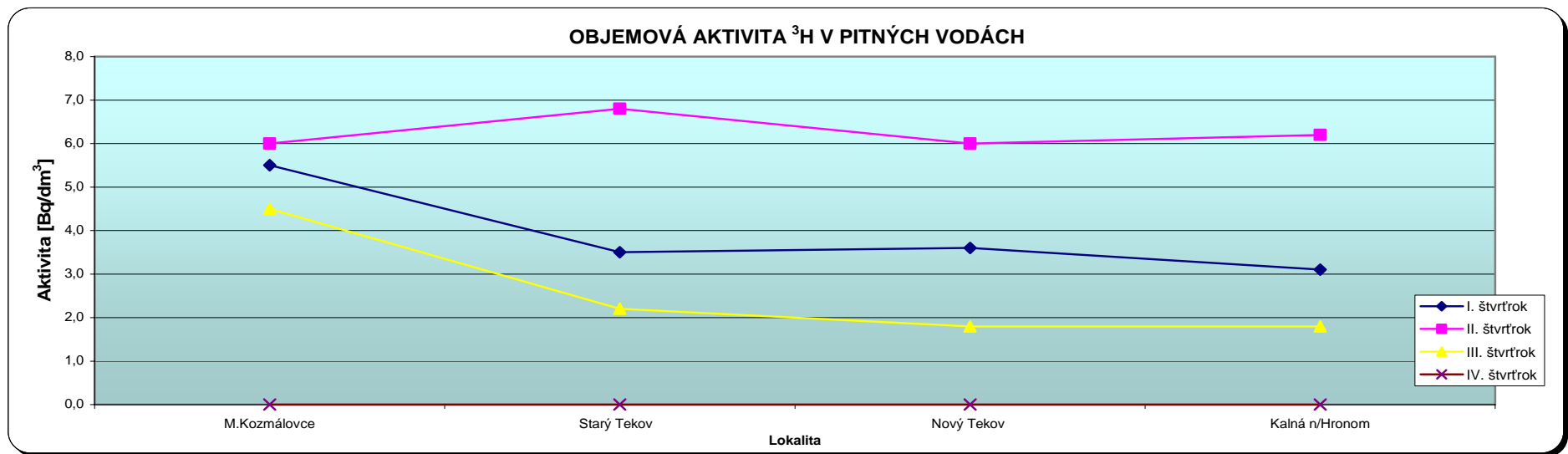
[Table 295 ⁹⁰Sr volume activity in drinking waters, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ^3H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok	Evidenčné číslo protokolu	II. štvrťrok	Evidenčné číslo protokolu	III. štvrťrok	Evidenčné číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
M.Kozmálovce	2008/382	5,5 ± 0,6	2008/815	6,0 ± 0,7	2008/1254	4,5 ± 0,5	2008/1732	<1
Starý Tekov	2008/385	3,5 ± 0,4	2008/819	6,8 ± 0,7	2008/1257	2,2 ± 0,2	2008/1735	<1
Nový Tekov	2008/388	3,6 ± 0,4	2008/822	6,0 ± 0,7	2008/1260	1,8 ± 0,2	2008/1771	<1
Kalná n/Hronom	2008/391	3,1 ± 0,3	2008/825	6,2 ± 0,7	2008/1263	1,8 ± 0,2	2008/1932	<1



[Table 296 \$^{90}\text{Sr}\$ volume activity in drinking waters, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
HG - 3*	1.	2005/0649	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1758	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 5*	1.	2005/0652	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1761	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 7*	1.	2005/0655	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1764	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 8*	1.	2005/0658	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1767**					

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých štyroch vzoriek, zmiešaných v rovnakom objemovom pomere

** v 2. polroku nebola odobratá vzorka pre nedostupnosť k vrtu HG - 8

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok		Evid. číslo protokolu	II. polrok	
		[mBq/dm ³]			[mBq/dm ³]	
HG - 3	2005/650	7	± 1	2005/1759	5	± 1
HG - 5	2005/653	11	± 1	2005/1762	10	± 1
HG - 7	2005/656	7	± 1	2005/1765	9	± 1
HG - 8	2005/659	*	*	*	*	*

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok		Evid. číslo protokolu	II. polrok	
		[Bq/dm ³]			[Bq/dm ³]	
HG - 3	2005/651	1,2	± 0,2	2005/1760	1,0	± 0,1
HG - 5	2005/654	1,0	± 0,1	2005/1763	1,0	± 0,1
HG - 7	2005/657	1,5	± 0,2	2005/1766	1,0	± 0,1
HG - 8	2005/660	*	*	*	*	*

Poznámka: * - vzorka nebola odobratá z objektívnych príčin

Table 297 Volume activities in underground waters, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
HG - 3*	1.	2006/0629	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1471	<4,21	153 ± 15	41,9 ± 4,5	<14,8
HG - 5*	1.	2006/0632	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1474	<4,21	153 ± 15	41,9 ± 4,5	<14,8
HG - 7*	1.	2006/0635	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1477	<4,21	153 ± 15	41,9 ± 4,5	<14,8

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých troch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
HG - 3	2006/630	<4	2006/1472	9 ± 1
HG - 5	2006/633	8 ± 1	2006/1475	6 ± 1
HG - 7	2006/636	5 ± 1	2006/1478	<4

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
HG - 3	2006/631	1,0 ± 0,1	2006/1473	3,7 ± 0,5
HG - 5	2006/634	1,0 ± 0,1	2006/1476	2,4 ± 0,3
HG - 7	2006/637	1,0 ± 0,1	2006/1479	2,0 ± 0,3

Table 298 Volume activities in underground waters, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
HG - 3*		1. 2007/0610	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
		2. 2007/1641	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3
HG - 5*		1. 2007/0613	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
		2. 2007/1644	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3
HG - 7*		1. 2007/0616	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
		2. 2007/1647	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých troch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
HG - 3	2007/611	<6	2007/1642	<6
HG - 5	2007/614	<6	2007/1645	10 ± 1
HG - 7	2007/617	<6	2007/1648	11 ± 1

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
HG - 3	2007/612	<1	2007/1643	1,4 ± 0,2
HG - 5	2007/615	2,4 ± 0,3	2007/1646	<1
HG - 7	2007/618	1,6 ± 0,2	2007/1649	<1

[Table 299 Volume activities in underground waters, 2007](#)

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
HG - 3		1. 2008/0766	12,1 ± 3,5	145 ± 85	37,7 ± 14,4	65,6 ± 27,6
		2. 2008/1629	13,2 ± 3,2	168 ± 45	<15,5	<18,5
HG - 5		1. 2008/0769	9,32 ± 4,26	72,9 ± 80,9	61,8 ± 14,7	50,1 ± 14,9
		2. 2008/1632	<6,48	128 ± 35	33,1 ± 16,1	30,2 ± 20,4
HG - 7		1. 2008/0772	5,34 ± 3,76	<89,7	<12,4	<21,3
		2. 2008/1635	<6,25	127 ± 36	<14,2	<18,5

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
HG - 3	2008/767	<6	2008/1630	<6
HG - 5	2008/770	7 ± 1	2008/1633	7 ± 2
HG - 7	2008/773	7 ± 2	2008/1636	<6

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
HG - 3	2008/768	2,8 ± 0,3	2008/1631	<1
HG - 5	2008/771	2,1 ± 0,2	2008/1634	<1
HG - 7	2008/774	1,6 ± 0,2	2008/1637	<1

[Table 300 Volume activities in underground waters, 2008](#)

OBJEMOVÁ AKTIVITA VO VRTOCH RADIÁCNEJ KONTROLY

(lokality: areál SE-EMO)

Lokalita/polrok	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
RK - 11*	1. 2005/0616	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1740	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 13*	1. 2005/0619	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1743	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 30*	1. 2005/0622	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1746	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 31*	1. 2005/0625	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1749	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 32*	1. 2004/0628	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1752	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 40*	1. 2005/0631	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2. 2005/1755	<5,37	<5,34	109 ± 18	<13,9	<17,0

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
RK - 11	2005/617	4 ± 1	2005/1741	9 ± 1
RK - 13	2005/620	9 ± 1	2005/1744	11 ± 2
RK - 30	2005/623	13 ± 2	2005/1747	7 ± 1
RK - 31	2005/626	6 ± 1	2005/1750	15 ± 2
RK - 32	2005/629	16 ± 2	2005/1753	6 ± 1
RK - 40	2005/632	11 ± 1	2005/1756	4 ± 1

OBJEMOVÁ AKTIVITA ³H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
RK - 11	2005/618	3,2 ± 0,4	2005/1742	1,0 ± 0,1
RK - 13	2005/621	1,7 ± 0,2	2005/1745	1,0 ± 0,1
RK - 30	2005/624	1,0 ± 0,1	2005/1748	1,0 ± 0,1
RK - 31	2005/627	1,0 ± 0,1	2005/1751	1,0 ± 0,1
RK - 32	2005/630	1,0 ± 0,1	2005/1754	1,0 ± 0,1
RK - 40	2005/633	1,0 ± 0,1	2005/1757	1,0 ± 0,1

Table 301 Volume activities in radiation monitoring bore holes, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA VO VRTOCH RADIÁCNEJ KONTROLY

(lokalita: areál SE-EMO)

Rádionuklid Lokalita/polrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
RK - 11*	1. 2006/0606	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1453	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 13*	1. 2006/0609	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1456	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 30*	1. 2006/0612	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1459	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 31*	1. 2006/0615	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1462	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 32*	1. 2006/0618	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1465	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 40*	1. 2006/0621	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2. 2006/1468	<3,98	140 ± 16	32,5 ± 4,4	<13,1

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
RK - 11	2006/607	9 ± 1	2006/1454	6 ± 1
RK - 13	2006/610	9 ± 1	2006/1457	6 ± 1
RK - 30	2006/613	9 ± 1	2006/1460	6 ± 1
RK - 31	2006/616	9 ± 1	2006/1463	6 ± 1
RK - 32	2006/619	9 ± 1	2006/1466	6 ± 1
RK - 40	2006/622	9 ± 1	2006/1469	6 ± 1

OBJEMOVÁ AKTIVITA ³H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
RK - 11	2006/608	2,5 ± 0,3	2006/1455	3,2 ± 0,4
RK - 13	2006/611	1,0 ± 0,1	2006/1458	2,5 ± 0,3
RK - 30	2006/614	1,0 ± 0,1	2006/1461	1,0 ± 0,1
RK - 31	2006/617	1,0 ± 0,1	2006/1464	1,0 ± 0,1
RK - 32	2006/620	1,0 ± 0,1	2006/1467	1,0 ± 0,1
RK - 40	2006/623	1,3 ± 0,2	2006/1470	3,8 ± 0,5

Table 302 Volume activities in radiation monitoring bore holes, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA VO VRTOCH RADIÁCNEJ KONTROLY

(lokalita: areál SE-EMO)

Rádionuklid Lokalita/polrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
RK - 11*	1. 2007/0592	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1605	<4,06	157 ± 26	<9,76	<13,4
RK - 13*	1. 2007/0595	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1608	<4,06	157 ± 26	<9,76	<13,4
RK - 30*	1. 2007/0598	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1611	<4,06	157 ± 26	<9,76	<13,4
RK - 31*	1. 2007/0601	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1614	<4,06	157 ± 26	<9,76	<13,4
RK - 32*	1. 2007/0604	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1617	<4,06	157 ± 26	<9,76	<13,4
RK - 40*	1. 2007/0607	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2. 2007/1620	<4,06	157 ± 26	<9,76	<13,4

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
RK - 11	2007/593	6 ± 1	2007/1606	15 ± 2
RK - 13	2007/596	6 ± 1	2007/1609	15 ± 2
RK - 30	2007/599	6 ± 1	2007/1612	15 ± 2
RK - 31	2007/602	6 ± 1	2007/1615	15 ± 2
RK - 32	2007/605	6 ± 1	2007/1618	15 ± 2
RK - 40	2007/608	6 ± 1	2007/1621	15 ± 2

OBJEMOVÁ AKTIVITA ³H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
RK - 11	2007/594	2,0 ± 0,3	2007/1607	3,4 ± 0,5
RK - 13	2007/597	2,1 ± 0,3	2007/1610	2,5 ± 0,3
RK - 30	2007/600	<1	2007/1613	<1
RK - 31	2007/603	1,0 ± 0,1	2007/1616	<1
RK - 32	2007/606	<1	2007/1619	1,0 ± 0,1
RK - 40	2007/609	2,2 ± 0,3	2007/1622	2,6 ± 0,4

[Table 303. Volume activities in radiation monitoring bore holes, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA VO VRTOCH RADIACNEJ KONTROLY

(lokalita: areál SE-EMO)

Rádionuklid Lokalita/polrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
RK - 11	1. 2008/0678	<5,86	<84,8	<14,2	<15,6
	2. 2008/1611	<6,20	142 ± 36	<14,4	<21,4
RK - 13	1. 2008/0681	<5,95	<86,5	33,9 ± 13,1	<18,8
	2. 2008/1614	<6,08	32,1 ± 24,7	<13,6	<19,9
RK - 30	1. 2008/0684	4,38 ± 3,00	101 ± 82	<14,1	<18,2
	2. 2008/1617	<5,88	317 ± 49	<13,8	<20,4
RK - 31	1. 2008/0687	2,66 ± 2,74	<89,7	<13,4	<21,2
	2. 2008/1620	<5,99	155 ± 36	<14,8	<22,3
RK - 32	1. 2008/0690	<5,86	<85,8	<11,7	<20,6
	2. 2008/1623	<6,60	127 ± 32	65,0 18,0	<19,7
RK - 40	1. 2008/0693	3,59 ± 2,26	<89,1	<15,3	<20,0
	2. 2008/1626	2,99 ± 2,39	101 ± 55	<14,7	<19,8

OBJEMOVÁ AKTIVITA ⁹⁰Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[mBq/dm ³]		[mBq/dm ³]
RK - 11	2008/679	11 ± 2	2008/1612	<6
RK - 13	2008/682	11 ± 2	2008/1615	<6
RK - 30	2008/685	11 ± 2	2008/1618	<6
RK - 31	2008/688	11 ± 2	2008/1621	<6
RK - 32	2008/691	11 ± 2	2008/1624	<6
RK - 40	2008/694	11 ± 2	2008/1627	<6

OBJEMOVÁ AKTIVITA ³H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok	Evid. číslo protokolu	II. polrok
		[Bq/dm ³]		[Bq/dm ³]
RK - 11	2008/680	5,0 ± 0,5	2008/1613	<1
RK - 13	2008/683	4,0 ± 0,4	2008/1616	<1
RK - 30	2008/686	1,1 ± 0,1	2008/1619	<1
RK - 31	2008/689	1,2 ± 0,1	2008/1622	<1
RK - 32	2008/692	1,2 ± 0,1	2008/1625	<1
RK - 40	2008/695	4,8 ± 0,5	2008/1628	<1

Table 304 Volume activities in radiation monitoring bore holes, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA ⁹⁰Sr TEKUTÉHO Mlieka

(lokality: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
2005/74	50 ± 4	*	* *	2005/1112	53 ± 5	2005/1791	56 ± 4
2005/282	68 ± 5	2005/870	25 ± 2	2005/1435	47 ± 4	2005/2026	58 ± 5
2005/423	64 ± 5	2005/1071	34 ± 3	2005/1544	86 ± 7	2005/2155	56 ± 5

Poznámka: * príslušné vzorky neboli dodané pre neskoré uzatvorenie zmluvy medzi SE a novým dodávateľom mlieka PD Kalná

OBJEMOVÁ AKTIVITA TEKUTÉHO Mlieka(lokality: Čifáre)
(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
1	2005/0034	<0,062	<0,065	43,2 ± 2,0	<0,13	<0,23
2	2005/0035	<0,060	<0,063	46,3 ± 2,1	<0,12	<0,23
3	2005/0036	<0,057	<0,061	46,8 ± 2,1	<0,12	<0,22
4	2005/0073	<0,065	<0,060	46,6 ± 2,1	0,36 ± 0,06	<0,21
5	2005/0182	<0,066	<0,066	45,8 ± 2,1	0,19 ± 0,05	<0,24
6	2005/0183	<0,068	<0,067	43,8 ± 2,0	<0,13	<0,25
7	2005/0249	<0,062	<0,066	48,9 ± 2,2	<0,13	<0,24
8	2005/0250	<0,063	<0,061	42,5 ± 1,9	0,34 ± 0,06	<0,22
9	2005/0281	<0,073	<0,068	45,5 ± 2,1	<0,15	<0,25
10	2005/0343	<0,069	<0,068	49,1 ± 2,2	<0,15	<0,24
11	2005/0344	<0,063	<0,065	48,3 ± 2,2	<0,13	<0,24
12	2005/0390	<0,063	<0,070	48,2 ± 2,2	<0,13	<0,24
13	2005/0391	<0,062	<0,063	49,5 ± 2,2	<0,13	<0,22

Table 305 Liquid milk volume activity, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIKA(lokality: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
14	2005/0546*					
15	2005/0547*					
16	2005/0548*					
17	2005/0676*					
18	2005/0678	<0,055	<0,055	46,8 ± 2,1	<0,11	<0,20
19	2005/0679	<0,061	<0,062	48,2 ± 2,2	<0,13	<0,23
20	2005/0734	<0,053	0,016 ± 0,011	45,6 ± 2,0	<0,11	<0,20
21	2005/0767	<0,063	<0,060	48,3 ± 2,2	<0,13	<0,22
22	2005/0871	<0,063	<0,064	48,1 ± 2,2	<0,13	<0,22
23	2005/0873	<0,060	<0,062	50,0 ± 2,3	<0,12	<0,23
24	2005/1020	<0,059	<0,065	47,1 ± 2,1	<0,12	<0,22
25	2005/1021	<0,060	0,042 ± 0,013	48,4 ± 2,2	<0,12	<0,24
26	2005/1022	<0,059	0,026 ± 0,013	50,0 ± 2,3	<0,12	<0,23
27	2005/1069	<0,056	0,028 ± 0,012	49,3 ± 2,2	<0,10	<0,21
28	2005/1070	<0,064	0,045 ± 0,013	49,0 ± 2,2	0,14 ± 0,06	<0,24
29	2005/1087	<0,064	0,046 ± 0,014	51,5 ± 2,3	<0,12	<0,24
30	2005/1111	<0,062	<0,066	50,2 ± 2,3	<0,13	<0,24
31	2005/1208	<0,064	<0,069	51,0 ± 2,3	<0,12	<0,24
32	2005/1209	<0,062	0,030 ± 0,014	50,5 ± 2,3	<0,10	<0,23
33	2005/1433	<0,062	<0,065	46,9 ± 2,1	<0,11	<0,24
34	2005/1434	<0,062	<0,065	47,7 ± 2,2	<0,13	<0,23
35	2005/1436	<0,058	0,037 ± 0,012	47,0 ± 2,1	<0,09	<0,22
36	2005/1437	<0,064	0,053 ± 0,015	51,3 ± 2,3	<0,12	<0,24
37	2005/1438	<0,062	0,058 ± 0,014	45,7 ± 2,1	0,23 ± 0,06	<0,22
38	2005/1469	<0,060	0,053 ± 0,015	46,3 ± 2,1	0,13 ± 0,05	<0,23
39	2005/1543	<0,058	0,061 ± 0,017	50,7 ± 2,3	<0,13	<0,23
40	2005/1623	<0,063	<0,065	46,6 ± 2,1	<0,13	<0,23
41	2005/1624	<0,065	<0,070	47,8 ± 2,2	<0,11	<0,24
42	2005/1625	<0,064	0,025 ± 0,013	49,5 ± 2,2	0,13 ± 0,05	<0,22
43	2005/1738	<0,051	<0,053	49,0 ± 2,2	<0,09	<0,20
44	2005/1739	<0,051	<0,056	49,0 ± 2,2	<0,11	<0,20
45	2005/1790	<0,057	<0,062	45,2 ± 2,1	<0,12	<0,22
46	2005/2023	<0,060	<0,065	46,3 ± 2,1	<0,10	<0,23
47	2005/2024	<0,061	0,045 ± 0,013	47,4 ± 2,2	<0,13	<0,24
48	2005/2025	<0,051	<0,057	43,9 ± 2,0	<0,10	<0,20
49	2005/2069	<0,064	0,026 ± 0,012	41,6 ± 1,9	0,15 ± 0,06	<0,22
50	2005/2070	<0,063	<0,066	41,7 ± 1,9	<0,12	<0,23
51	2005/2153	<0,061	<0,068	43,8 ± 2,0	<0,11	<0,23
52	2005/2154	<0,060	<0,065	44,5 ± 2,1	<0,13	<0,23

Poznámka: * príslušné vzorky neboli dodané pre neskoré uzatvorenie zmluvy medzi SE a novým dodávateľom mlieka PD Kalná

Table 306 Liquid milk volume activity, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

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Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokality: Tekovský Hrádok)

(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
1	2006/0182	<0,0727	49,1 ± 2,2	0,313 ± 0,078	<0,264
2	2006/0032	<0,0745	51,2 ± 2,3	<0,148	<0,259
3	2006/0183	<0,0722	50,3 ± 2,3	<0,165	<0,265
4	2006/0184	<0,0687	50,8 ± 2,3	0,310 ± 0,068	<0,245
5	2006/0095	<0,0714	47,4 ± 2,2	0,219 ± 0,070	<0,254
6	2006/0112	<0,0698	47,3 ± 2,1	<0,137	<0,247
7	2006/0142	<0,0649	46,0 ± 2,1	<0,135	<0,245
8	2006/0143	<0,0762	53,4 ± 2,4	<0,143	<0,266
9	2006/0165	<0,0688	54,1 ± 2,4	<0,138	<0,254
10	2006/0383	<0,0689	51,8 ± 2,3	<0,134	<0,247
11	2006/0384	<0,0703	54,1 ± 2,4	<0,134	<0,254
12	2006/0457	<0,0688	51,3 ± 2,3	<0,135	<0,251
13	2006/0458	<0,0704	49,7 ± 2,3	<0,141	<0,261
14	2006/0459	<0,0685	50,7 ± 2,3	<0,135	<0,249
15	2006/0624	<0,0522	51,5 ± 2,3	<0,101	<0,194
16	2006/0625	<0,0639	45,7 ± 2,1	<0,127	<0,236
17	2006/0626	<0,0679	51,4 ± 2,3	<0,137	<0,251
18	2006/0628	<0,0625	49,2 ± 2,2	<0,123	<0,234
19	2006/0769	<0,0548	52,8 ± 2,3	<0,109	<0,199
20	2006/0770	<0,0662	54,5 ± 2,4	<0,131	<0,244
21	2006/0772	<0,0669	51,8 ± 2,3	<0,126	<0,239
22	2006/0788	<0,0660	53,0 ± 2,4	<0,130	<0,245
23	2006/0943	<0,0699	54,3 ± 2,4	<0,135	<0,251
24	2006/0814	<0,0655	52,3 ± 2,3	<0,134	<0,239
25	2006/0859	<0,0695	58,8 ± 2,6	0,189 ± 0,075	<0,242
26	2006/0945	<0,0574	54,9 ± 2,4	0,178 ± 0,061	<0,216
27	2006/0946	<0,0658	53,1 ± 2,4	<0,129	<0,240
28	2006/1041	0,0384 ± 0,0133	54,7 ± 2,5	<0,130	<0,245
29	2006/1042	<0,0672	51,4 ± 2,3	<0,101	<0,242
30	2006/1165	0,0353 ± 0,0153	50,6 ± 2,3	<0,109	<0,223
31	2006/1166	<0,0676	49,4 ± 2,2	<0,111	<0,240
32	2006/1250	<0,0664	49,0 ± 2,2	<0,129	<0,238
33	2006/1251	<0,0706	51,2 ± 2,3	<0,123	<0,250
34	2006/1313	0,0451 ± 0,0156	49,4 ± 2,2	<0,117	<0,247
35	2006/1312	<0,0679	50,8 ± 2,3	<0,126	<0,239
36	2006/1367	0,0524 ± 0,0180	50,1 ± 2,3	<0,131	<0,242
37	2006/1368	<0,0703	49,2 ± 2,2	<0,133	<0,251
38	2006/1402	0,0369 ± 0,0148	49,3 ± 2,2	<0,121	<0,237
39	2006/1531	0,0643 ± 0,0180	53,3 ± 2,4	<0,118	<0,238

Table 307 Liquid milk volume activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIKA

(lokalita: Tekovský Hrádok)

(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
40	2006/1533	0,0328 ± 0,0145	51,1 ± 2,3	0,329 ± 0,066	<0,247
41	2006/1628	<0,0708	53,5 ± 2,4	<0,103	<0,252
42	2006/1629	<0,0717	52,3 ± 2,4	0,175 ± 0,059	<0,243
43	2006/1753	<0,0711	55,6 ± 2,6	<0,141	<0,263
44	2006/1754	0,0240 ± 0,0123	54,3 ± 2,4	0,225 ± 0,053	<0,217
45	2006/1756	0,0382 ± 0,0131	53,0 ± 2,4	<0,100	<0,231
46	2006/1757	0,0323 ± 0,0155	52,4 ± 2,4	<0,142	<0,265
47	2006/1880	<0,0713	51,9 ± 2,4	0,192 ± 0,054	<0,259
48	2006/1896	<0,0741	53,7 ± 2,4	<0,142	<0,266
49	2006/2028	0,0540 ± 0,0158	52,5 ± 2,4	<0,138	<0,258
50	2006/2029	0,0357 ± 0,0079	52,1 ± 2,3	<0,124	<0,239
51	2006/2030	<0,0677	50,1 ± 2,3	<0,100	<0,241
52	2006/2031	<0,0639	50,6 ± 2,3	<0,100	<0,232

OBJEMOVÁ AKTIVITA ⁹⁰Sr TEKUTÉHO MLIKA

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
2006/141	54 ± 4	2006/627	43 ± 3	2006/1315	52 ± 4	2006/1755	54 ± 4
2006/385	53 ± 4	2006/1040	45 ± 4	2006/1366	44 ± 3	2006/2032	45 ± 4
2006/460	42 ± 3	2006/1039	51 ± 4	2006/1532	54 ± 4	2006/2033	59 ± 4

Table 308 Liquid milk volume activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIKA(lokality: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
1	2007/0033	0,0306 ± 0,0068	51,2 ± 2,3	<0,0957	<0,208
2	2007/0034	<0,0665	52,9 ± 2,4	<0,129	<0,243
3	2007/0116	<0,0662	51,4 ± 2,3	<0,113	<0,239
4	2007/0117	<0,0586	52,8 ± 2,3	<0,102	<0,213
5	2007/0151	<0,0649	52,4 ± 2,3	<0,127	<0,239
6	2007/0182	<0,0665	50,8 ± 2,3	<0,134	<0,237
7	2007/0265	<0,0672	53,5 ± 2,4	<0,130	<0,247
8	2007/0266	<0,0685	52,1 ± 2,4	0,116 ± 0,058	<0,239
9	2007/0267	<0,0678	44,4 ± 2,1	<0,110	<0,238
10	2007/0321	<0,0637	49,7 ± 2,3	<0,105	<0,235
11	2007/0322	<0,0521	51,2 ± 2,3	<0,106	<0,191
12	2007/0354	0,0259 ± 0,0135	52,9 ± 2,4	<0,121	<0,247
13	2007/0438	<0,0636	51,5 ± 2,4	<0,132	<0,236
14	2007/0439	<0,0659	50,8 ± 2,3	<0,127	<0,243
15	2007/0558	<0,0690	51,1 ± 2,3	<0,131	<0,243
16	2007/0559	<0,0558	49,3 ± 2,2	<0,123	<0,192
17	2007/0560	<0,0654	49,9 ± 2,2	0,231 ± 0,059	<0,244
18	2007/0712	<0,0638	50,5 ± 2,3	<0,106	<0,234
19	2007/0713	<0,0651	52,4 ± 2,3	<0,123	<0,225
20	2007/0714	<0,0517	52,3 ± 2,3	<0,0938	<0,198
21	2007/1005	<0,0673	54,7 ± 2,5	<0,131	<0,246
22	2007/0759	<0,0659	51,9 ± 2,3	<0,116	<0,240
23	2007/1006	<0,0651	50,1 ± 2,3	<0,117	<0,231
24	2007/1007	<0,0660	51,3 ± 2,3	<0,134	<0,241
25	2007/1008	<0,0712	54,1 ± 2,4	<0,119	<0,253
26	2007/1009	<0,0718	51,7 ± 2,3	0,144 ± 0,053	<0,258
27	2007/1010	0,0568 ± 0,0135	51,7 ± 2,3	<0,115	<0,205
28	2007/1011	0,0192 ± 0,0115	50,8 ± 2,3	<0,129	<0,230
29	2007/1030	<0,0665	50,6 ± 2,3	<0,136	<0,277
30	2007/1149	0,0315 ± 0,0139	50,9 ± 2,3	<0,131	<0,230
31	2007/1150	<0,0700	54,0 ± 2,4	<0,116	<0,246
32	2007/1210	0,0236 ± 0,0120	50,8 ± 2,3	<0,127	<0,237
33	2007/1211	<0,0650	49,3 ± 2,2	<0,131	<0,242
34	2007/1365	0,0368 ± 0,0133	50,6 ± 2,3	<0,130	<0,273
35	2007/1282	<0,0662	50,6 ± 2,3	<0,134	<0,235
36	2007/1300	0,0662 ± 0,0156	49,3 ± 2,2	<0,133	<0,234
37	2007/1387	0,0329 ± 0,0141	52,1 ± 2,3	<0,140	<0,239
38	2007/1388	0,0472 ± 0,0167	55,8 ± 2,5	<0,138	<0,243
39	2007/1443	<0,0681	49,7 ± 2,2	<0,134	<0,239

Table 309 Liquid milk volume activity, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO Mlieka

(lokalita: Tekovský Hrádok)

(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
40	2007/1480	0,0960 ± 0,0184	53,9 ± 2,4	<0,144	<0,251
41	2007/1537	0,0517 ± 0,0152	55,4 ± 2,5	<0,141	<0,248
42	2007/1538	0,0477 ± 0,0155	52,8 ± 2,4	<0,136	<0,246
43	2007/1666	<0,0682	51,3 ± 2,3	0,212 ± 0,072	<0,223
44	2007/1667	<0,0687	52,4 ± 2,4	0,371 ± 0,080	<0,247
45	2007/1668	<0,0675	52,0 ± 2,3	0,287 ± 0,068	<0,242
46	2007/1773	<0,0657	53,5 ± 2,4	<0,133	<0,245
47	2007/1843	<0,0665	51,8 ± 2,3	<0,133	<0,236
48	2007/1892	<0,0679	53,4 ± 2,4	<0,137	<0,242
49	2007/1894	<0,0596	50,4 ± 2,2	<0,123	<0,218
50	2007/2029	<0,0605	54,2 ± 2,4	<0,128	<0,220
51	2007/2030	<0,0629	52,0 ± 2,3	<0,126	<0,228
52	2007/2031	<0,0652	50,8 ± 2,3	<0,127	<0,233

OBJEMOVÁ AKTIVITA ⁹⁰Sr TEKUTÉHO Mlieka

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
2007/183	43 ± 3	2007/715	34 ± 3	2007/1212	38 ± 3	2007/1774	45 ± 3
2007/437	34 ± 3	2007/1003	34 ± 3	2007/1482	41 ± 3	2007/2028	35 ± 3
2007/561	40 ± 3	2007/1004	30 ± 3	2007/1483	39 ± 3	2007/2064	48 ± 4

[Table 310 Liquid milk volume activity, 2007](#)

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIKA(lokality: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
1	2008/0062	<0,0580	51,2 ± 3,7	0,167 ± 0,129	<0,213
2	2008/0063	<0,0694	52,0 ± 3,8	0,105 ± 0,135	<0,249
3	2008/0064	<0,0714	54,7 ± 4,0	<0,136	<0,243
4	2008/0066	<0,0668	51,3 ± 3,8	0,248 ± 0,144	<0,265
5	2008/0226	0,0214 ± 0,0243	49,9 ± 3,7	0,327 ± 0,140	<0,244
6	2008/0227	<0,0725	52,8 ± 3,9	<0,142	<0,257
7	2008/0228	<0,0701	53,1 ± 3,9	<0,146	<0,256
8	2008/0295	0,0376 ± 0,0292	54,2 ± 4,0	<0,142	<0,256
9	2008/0340	<0,0737	53,9 ± 4,0	<0,145	<0,260
10	2008/0341	<0,0706	55,0 ± 4,0	<0,145	<0,259
11	2008/0409	0,0254 ± 0,0264	55,2 ± 4,1	<0,148	<0,262
12	2008/0477	<0,0690	53,7 ± 3,9	<0,138	<0,239
13	2008/0511	<0,0720	52,8 ± 3,9	0,145 ± 0,128	<0,256
14	2008/0512	<0,0733	52,4 ± 3,9	<0,146	<0,261
15	2008/0548	<0,0716	53,9 ± 4,0	<0,145	<0,264
16	2008/0547	<0,0711	55,8 ± 4,1	<0,145	<0,258
17	2008/0620	0,0293 ± 0,0297	54,4 ± 4,0	<0,142	<0,240
18	2008/0660	0,0547 ± 0,0308	54,5 ± 4,0	<0,145	<0,245
19	2008/0661	0,0479 ± 0,0275	56,9 ± 4,1	<0,142	<0,254
20	2008/0696	0,0357 ± 0,0313	52,4 ± 3,8	<0,133	<0,222
21	2008/0714	0,0472 ± 0,0187	55,4 ± 4,1	<0,138	<0,255
22	2008/0931	0,0413 ± 0,0256	53,6 ± 3,9	<0,143	<0,243
23	2008/0932	<0,0672	53,7 ± 3,9	<0,134	<0,240
24	2008/0933	0,0429 ± 0,0309	55,1 ± 4,0	<0,159	<0,254
25	2008/0934	0,0366 ± 0,0250	54,1 ± 4,0	<0,147	<0,234
26	2008/1075	<0,0650	50,1 ± 3,7	<0,134	<0,239
27	2008/1076	0,0365 ± 0,0289	54,9 ± 4,0	0,231 ± 0,115	<0,246
28	2008/1077	0,0343 ± 0,0291	53,7 ± 3,9	<0,135	<0,250
29	2008/1083	0,0205 ± 0,0259	53,5 ± 3,9	0,180 ± 0,105	<0,250
30	2008/1115	0,0343 ± 0,0241	53,2 ± 3,9	<0,133	<0,228
31	2008/1249	0,0279 ± 0,0285	53,9 ± 4,0	0,130 ± 0,104	<0,256
32	2008/1201	0,0396 ± 0,0269	53,1 ± 3,9	<0,144	<0,252
33	2008/1233	0,0314 ± 0,0291	55,5 ± 4,1	<0,144	<0,256
34	2008/1324	<0,0710	54,1 ± 4,0	<0,143	<0,258
35	2008/1393	<0,0653	54,4 ± 4,0	<0,132	<0,237
36	2008/1392	<0,0729	54,6 ± 4,0	<0,154	<0,256
37	2008/1473	<0,0737	55,3 ± 4,1	<0,146	<0,236
38	2008/1474	0,0728 ± 0,0337	50,7 ± 3,7	<0,140	<0,238
39	2008/1607	<0,0665	52,0 ± 3,8	0,114 ± 0,119	<0,216

Table 311 Liquid milk volume activity, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIIEKA

(lokality: Tekovský Hrádok)

(gamaspektrometria)

Rádionuklid Týždeň	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
40	2008/1608	<0,0717	52,4 ± 3,9	<0,153	<0,261
41	2008/1609	0,0220 ± 0,0252	51,7 ± 3,8	<0,157	<0,253
42	2008/1610	0,0254 ± 0,0283	50,4 ± 3,8	<0,144	<0,253
43	2008/1705	<0,0702	52,9 ± 3,9	<0,139	<0,250
44	2008/1706	<0,0707	53,9 ± 4,0	<0,145	<0,255
45	2008/1728	0,0269 ± 0,0322	56,3 ± 4,1	<0,154	<0,264
46	2008/1775	<0,0743	54,6 ± 4,0	<0,153	<0,261
47	2008/1776	<0,0695	52,7 ± 3,9	<0,154	<0,253
48	2008/1869	0,0368 ± 0,0292	53,7 ± 4,0	<0,142	<0,249
49	2008/1951	<0,0745	55,7 ± 4,1	<0,153	<0,272
50	2008/1952	<0,0748	54,7 ± 4,0	<0,151	<0,259
51	2008/1953	<0,0726	53,7 ± 3,9	<0,144	<0,252
52	2008/2072	<0,0732	53,6 ± 4,0	<0,148	<0,255

OBJEMOVÁ AKTIVITA ⁹⁰Sr TEKUTÉHO MLIIEKA

(lokality: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
2008/294	36 ± 4	2008/659	30 ± 3	2008/1250	33 ± 4	2008/1729	37 ± 4
2008/342	30 ± 3	2008/1081	43 ± 5	2008/1394	32 ± 4	2008/1983	36 ± 4
2008/513	33 ± 4	2008/1082	47 ± 5	2008/1586	34 ± 4	2008/2091	42 ± 5

[Table 312 Liquid milk volume activity, 2008](#)**Správa o kontrole rádioaktivity v okolí SE-EMO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2005/0367	1.	<0,700	12,8 ± 0,7	547 ± 26	33,8 ± 2,2	31,8 ± 3,4
2005/0742	2.	<0,897	13,4 ± 0,8	558 ± 34	31,3 ± 2,7	26,1 ± 3,7
2005/1227	3.	<0,698	15,0 ± 0,7	519 ± 24	35,8 ± 2,3	33,1 ± 3,6
2005/2004	4.	<0,946	15,0 ± 0,8	469 ± 23	36,5 ± 2,5	31,1 ± 3,8

Lokalita: výpustný otvor pod Haťou N. Tekov - elektráreň

Evidenč. číslo protokolu	Š. r.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2005/0370	1.	<0,687	19,4 ± 0,9	527 ± 25	35,8 ± 2,3	34,1 ± 3,6
2005/0721	2.	<0,723	26,3 ± 1,2	524 ± 25	38,0 ± 2,5	34,5 ± 3,7
2005/1212	3.	<0,764	27,9 ± 1,3	515 ± 24	39,0 ± 2,6	33,1 ± 3,7
2005/2007	4.	<1,17	22,9 ± 1,2	474 ± 23	34,1 ± 2,5	30,8 ± 4,0

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2005/0368	1.	<0,712	9,33 ± 0,56	554 ± 26	32,2 ± 2,1	31,5 ± 2,4
2005/0747	2.	<0,903	4,34 ± 0,31	589 ± 36	27,0 ± 2,4	25,7 ± 3,6
2005/1233	3.	<0,768	3,43 ± 0,30	595 ± 28	33,4 ± 2,2	32,7 ± 3,2
2005/2005	4.	<0,913	7,19 ± 0,53	551 ± 26	29,5 ± 2,0	27,1 ± 3,5

Lokalita: Perc - Čerpacia stanica - V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2005/0369	1.	<0,708	7,62 ± 0,49	531 ± 25	33,0 ± 2,2	31,0 ± 3,4
2005/0722	2.	<0,861	3,80 ± 0,33	551 ± 26	34,2 ± 2,3	32,6 ± 3,6
2005/1226	3.	<0,714	3,46 ± 0,20	556 ± 26	33,6 ± 2,2	31,9 ± 3,6
2005/2006	4.	<1,19	2,91 ± 0,41	523 ± 26	31,3 ± 2,3	30,1 ± 3,9

Table 313 Specific activity of sediments in the Hron River, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2006/0310	1.	17,3 ± 0,8	530 ± 25	41,0 ± 2,6	34,5 ± 3,7
2006/0663	2.	13,1 ± 0,7	562 ± 26	37,4 ± 2,5	34,8 ± 3,7
2006/1127	3.	22,8 ± 1,1	567 ± 27	36,7 ± 2,4	38,2 ± 4,2
2006/1695	4.	23,6 ± 1,1	592 ± 28	42,4 ± 2,8	37,2 ± 3,7

Lokalita: výpustný otvor pod Haťou N. Tekov - elektrárň

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2006/0409	1.	10,2 ± 0,6	592 ± 28	35,1 ± 2,3	34,6 ± 3,7
2006/0665	2.	26,3 ± 1,2	543 ± 26	37,3 ± 2,5	35,3 ± 3,8
2006/1129	3.	20,4 ± 1,0	539 ± 25	37,4 ± 2,5	35,2 ± 3,8
2006/1693	4.	22,4 ± 1,1	540 ± 25	40,6 ± 2,7	34,6 ± 3,7

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2006/0317	1.	6,81 ± 0,39	531 ± 25	29,3 ± 1,9	27,9 ± 3,2
2006/0664	2.	7,02 ± 0,40	637 ± 30	32,5 ± 2,2	31,5 ± 3,6
2006/1128	3.	5,61 ± 0,28	569 ± 27	30,3 ± 2,0	31,7 ± 3,1
2006/1694	4.	8,85 ± 0,49	638 ± 30	36,5 ± 2,4	33,5 ± 3,8

Table 314 Specific activity of sediments in the Hron River, 2006

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2007/0338	1.	11,0 ± 0,7	501 ± 29	33,3 ± 2,7	30,6 ± 4,0
2007/0716	2.	22,0 ± 1,1	556 ± 26	38,1 ± 2,5	34,1 ± 3,6
2007/1083	3.	24,9 ± 1,2	570 ± 27	38,8 ± 2,6	35,8 ± 3,8
2007/1926	4.	23,5 ± 1,1	551 ± 26	38,3 ± 2,5	35,7 ± 4,0

Lokalita: výpustný otvor pod Haťou N. Tekov - elektrárň

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2007/0340	1.	21,3 ± 1,2	492 ± 28	35,9 ± 2,9	33,1 ± 4,2
2007/0718	2.	31,5 ± 1,5	545 ± 26	38,6 ± 2,5	36,2 ± 3,9
2007/1085	3.	23,7 ± 1,1	557 ± 26	38,9 ± 2,6	36,9 ± 3,9
2007/1928	4.	27,6 ± 1,3	542 ± 26	39,2 ± 2,6	35,0 ± 3,8

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2007/0339	1.	7,52 ± 0,45	568 ± 32	30,1 ± 2,4	30,0 ± 3,9
2007/0717	2.	6,88 ± 0,50	599 ± 28	32,5 ± 2,2	32,8 ± 3,6
2007/1084	3.	1,67 ± 0,13	639 ± 30	34,1 ± 2,3	33,9 ± 3,6
2007/1927	4.	5,71 ± 0,39	638 ± 30	34,9 ± 2,3	34,0 ± 3,7

Table 161 Specific activity of sediments in the Hron River, 2007

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2008/0361	1.	15,0 ± 1,3	517 ± 41	39,3 ± 4,3	34,2 ± 6,5
2008/0794	2.	20,9 ± 1,6	512 ± 41	36,7 ± 4,0	33,4 ± 6,3
2008/1197	3.	21,0 ± 1,7	577 ± 45	37,7 ± 4,1	34,9 ± 6,7
2008/1864	4.	26,5 ± 2,1	530 ± 42	40,4 ± 4,4	35,0 ± 6,5

Lokalita: výpustný otvor pod Haťou N. Tekov - elektrárň

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2008/0363	1.	24,8 ± 2,0	538 ± 42	39,0 ± 4,2	35,5 ± 6,8
2008/0796	2.	25,4 ± 2,0	544 ± 43	39,3 ± 4,3	34,7 ± 7,0
2008/1199	3.	24,7 ± 1,9	561 ± 44	38,1 ± 4,2	34,7 ± 5,9
2008/1866	4.	23,3 ± 1,9	579 ± 46	38,0 ± 4,1	35,5 ± 7,1

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
2008/0362	1.	7,47 ± 0,64	581 ± 46	35,3 ± 3,9	32,8 ± 5,7
2008/0795	2.	6,74 ± 0,59	623 ± 49	33,4 ± 3,7	31,5 ± 5,5
2008/1198	3.	11,8 ± 0,9	597 ± 47	35,8 ± 3,9	35,1 ± 6,8
2008/1865	4.	5,45 ± 0,65	570 ± 45	32,6 ± 3,6	31,9 ± 6,1

Table 161 Specific activity of sediments in the Hron River, 2008

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

rádiochémia

Lokalita	Ra-nuklid		⁹⁰ Sr	
	Evid.č.prot.		[Bq/kg]	
Tlmače /Hron/	2005/1227	1,3	±	0,2
N. Tekov elektrárň	2005/1212	1,4	±	0,2
Kalná n/Hronom /Hron/	2005/1233	1,9	±	0,2
V. Kozmálovce /ČS-Perec/	2005/1226	1,7	±	0,2

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

Table 315 Specific activity of sediments in the Hron River, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOV rádiochémia
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Lokalita	Ra-nuklid	⁹⁰ Sr		
	Evid.č.prot.	[Bq/kg]		
Tlmače /Hron/	2006/1127	1,4	±	0,2
N. Tekov elektrárň	2006/1129	1,3	±	0,2
Kalná n/Hronom /Hron/	2006/1128	1,0	±	0,1
Cifáre /rybník/	2006/1130	0,4	±	0,1

Table 316 Specific activity of sediments in the Hron River, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA SEDIMENTOV
rádiochémia

Lokalita	Ra-nuklid		⁹⁰ Sr	
	Evid.č.prot.		[Bq/kg]	
Tlmače /Hron/	2007/1083	1,3	±	0,1
N. Tekov elektrárň	2007/1085	0,9	±	0,1
Kalná n/Hronom /Hron/	2007/1084	1,0	±	0,1
Čifáre (rybník)	2007/1086	1,1	±	0,1

[Table 317 Specific activity of sediments in the Hron River, 2007](#)

HMOTNOSTNÁ AKTIVITA SEDIMENTOV
rádiochémia

Lokalita	Ra-nuklid		⁹⁰ Sr	
	Evid.č.prot.		[Bq/kg]	
Tlmače /Hron/	2008/1197	1,0	±	0,2
N. Tekov elektrárň	2008/1199	0,8	±	0,1
Kalná n/Hronom /Hron/	2008/1198	1,0	±	0,2
Čifáre (rybník)	2008/1200	1,8	±	0,3

[Table 318 Specific activity of sediments in the Hron River, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

PLOŠNÁ AKTIVITA SNEHOVEJ ZRÁŽKY

(Lokalita: strecha LRKO)

Rádionuklid Odber	Evid. číslo protokolu	¹³⁴ Cs [Bq/m ²]	¹³⁷ Cs [Bq/m ²]	⁴⁰ K [Bq/m ²]	⁷ Be [Bq/m ²]	U - rad [Bq/m ²]	Th - rad [Bq/m ²]
21.1.2005	2005/0031	<0,0666	<0,0652	0,50 ± 0,162	15,3 ± 0,831	<0,147	<0,234
27.1.2005	2005/0067	<0,0348	<0,0359	<0,356	6,27 ± 0,348	<0,0782	<0,126
1.2.2005	2005/0070	<0,0339	<0,0338	<0,326	8,99 ± 0,457	<0,0789	<0,120
14.2.2005	2005/0151	<0,139	<0,138	<1,30	38,4 ± 2,19	<0,284	<0,486
16.2.2005	2005/0184	<0,0564	<0,0590	<0,575	3,75 ± 0,28	<0,128	<0,208
22.2.2005	2005/0185	<0,0150	<0,0158	<0,143	1,09 ± 0,08	<0,0327	<0,0567
23.2.2005	2005/0201	<0,0836	<0,0828	<0,835	6,80 ± 0,483	<0,196	<0,291
24.2.2005	2005/0202	<0,0606	<0,0593	<0,606	10,60 ± 0,582	<0,123	<0,210
21.12.2005	2005/2071	<0,0951	<0,0976	<0,943	<1,22	<0,245	<0,341

Rádionuklid Odber	Evid. číslo protokolu	³ H [Bq/m ²]
21.1.2005	2005/33	12,2 ± 1,6
27.1.2005	2005/69	6,6 ± 0,9
1.2.2005	2005/72	6,4 ± 0,9

Rádionuklid Odber	Evid. číslo protokolu	⁹⁰ Sr [mBq/m ²]
21.1.2005	2005/32	134 ± 12
27.1.2005	2005/68	53 ± 7
1.2.2005	2005/71	64 ± 6

Table 319 Snow surface activity, 2005

PLOŠNÁ AKTIVITA SNEHOVEJ ZRÁŽKY

(Lokalita: strecha LRKO)

Rádionuklid Odber	Evid. číslo protokolu	¹³⁷ Cs [mBq/m ²]	⁴⁰ K [mBq/m ²]	⁷ Be [mBq/m ²]	U - rad [mBq/m ²]	Th - rad [mBq/m ²]
19.1.2006	2006/0048	7,30 ± 3,48	91,3 ± 46,6	5,05 ± 0,29	204 ± 33	<81,5
8.2.2006	2006/0094	14,6 ± 7,5	<464	12,3 ± 0,7	<107	<159
10.2.2006	2006/0096	<43,0	<427	16,0 ± 0,8	<108	<155
6.3.2006	2006/0181	<45,3	330 ± 95	7,33 ± 0,42	<111	<161

Rádionuklid Odber	Evid. číslo protokolu	³ H [Bq/m ²]
19.1.2006	2006/48	3,7 ± 0,5
8.2.2006	2006/94	9,5 ± 1,3
10.2.2006	2006/96	9,0 ± 1,2

Rádionuklid Odber	Evid. číslo protokolu	⁹⁰ Sr [mBq/m ²]
19.1.2006	2006/48	22 ± 4
8.2.2006	2006/94	38 ± 10
10.2.2006	2006/96	108 ± 18

Table 320 Snow surface activity, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

OBJEMOVÁ AKTIVITA SNEHOVEJ ZRÁŽKY

(Lokalita: strecha LRKO)

Rádionuklid Odber	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Celkový objem* [dm ³]
		[mBq/dm ³]	[mBq/dm ³]	[Bq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	
26.2.2007	2007/0199	<4,84	<46,6	2,38 ± 0,12	18,1 ± 4,2	<17,1	18,0
12.11.2007	2007/1724	<3,56	<51,6	0,257 ± 0,190	<7,40	<12,5	22,4

Rádionuklid Odber	Evid. číslo protokolu	³ H	Celkový objem* [dm ³]
		[Bq/dm ³]	
26.2.2007	2007/0199	<1	18,0
12.11.2007	2007/1724	<1	22,4

Rádionuklid Odber	Evid. číslo protokolu	⁹⁰ Sr	Celkový objem* [dm ³]
		[mBq/dm ³]	
26.2.2007	2007/0199	9 ± 1	18,0
12.11.2007	2007/1724	12 ± 1	22,4

* - sneh odoberáme do odberovej nádoby s plochou 1 m². Uvádzaný celkový objem je objem vody z rozpusteného snehu.

[Table 321 Snow volume activity, 2007](#)

OBJEMOVÁ AKTIVITA SNEHOVEJ ZRÁŽKY

(Lokalita: strecha LRKO)

Rádionuklid Odber	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Celkový objem* [dm ³]
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	
7.1.2008	2008/0016	<4,04	<59,4	2080 ± 170	<8,22	<14,0	19,5
24.11.2008	2008/1774	<6,18	31,9 ± 20,4	1130 ± 100	<15,0	<21,6	3,2
25.11.2008	2008/1829	<5,65	<54,7	1730 ± 150	<13,7	<21,1	17,4

Rádionuklid Odber	Evid. číslo protokolu	³ H	Celkový objem* [dm ³]	Rádionuklid Odber	Evid. číslo protokolu	⁹⁰ Sr	Celkový objem* [dm ³]
		[Bq/dm ³]				[mBq/dm ³]	
7.1.2008	2008/16	1,1 ± 0,1	19,5	7.1.2008	2008/16	12 ± 2	19,5
25.11.2008	2008/1829	<1	17,4	25.11.2008	2008/1829	<6	17,4
24.11.2008	2008/1774	<1	3,2	24.11.2008	2008/1774	<6	3,2

* - sneh odoberáme do odberovej nádoby s plochou 1 m². Uvádzaný celkový objem je objem vody z rozpusteného snehu.

[Table 322 Snow volume activity, 2008](#)

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KRMOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Datelina	Levice	2005/0738	<0,569	<0,615	802 ± 50	54,7 ± 4,8	<1,13	<2,24
Datelina	Zl.Moravce	2005/0746	<0,655	<0,710	749 ± 47	51,6 ± 5,2	<1,32	<2,63
Tráva	T.Hrádok	2005/0927	<0,685	<0,705	860 ± 60	16,9 ± 2,6	<1,35	<2,69
Tráva	Vráble	2005/0928	<0,647	<0,671	684 ± 48	39,3 ± 4,1	<1,29	<2,46
Tráva	T.Mlýňany	2005/0929	<0,615	<0,672	621 ± 44	55,1 ± 5,1	<1,24	<2,43
Tráva	N.Tekov	2005/0930	<0,627	1,31 ± 0,21	578 ± 41	65,2 ± 6,8	<1,27	<2,38
Tráva	Mochovce	2005/0931	<0,584	<0,574	272 ± 21	154 ± 12	<1,25	<2,10
Jačmeň	V.Đur	2005/1105	<0,348	<0,355	147 ± 8	<5,19	<0,611	<1,26
Jačmeň	Zl.Moravce	2005/1106	<0,377	<0,390	151 ± 8	6,84 ± 1,64	<0,773	<1,43
Pšenica	Vráble	2005/1108	<0,380	<0,379	101 ± 6	<5,68	<0,638	<1,37
Pšenica	Rybník	2005/1109	<0,334	<0,351	141 ± 8	<4,93	<0,677	<1,24
Kukurica	Čaradice	2005/1585	<0,295	0,12 ± 0,06	109 ± 6	<3,68	<0,597	<1,12
Kukurica	M.Kozmálovce	2005/1588	<0,302	<0,324	135 ± 7	<3,78	<0,541	<1,15
Tráva	T.Hrádok	2005/1650	<0,867	<0,892	566 ± 40	177 ± 15	1,55 ± 0,47	<3,02
Tráva	N.Tekov	2005/1651	<0,952	2,55 ± 0,34	616 ± 44	67,8 ± 7,1	2,68 ± 0,76	<3,15
Tráva	T.Mlýňany	2005/1652	<0,868	<0,986	597 ± 42	123 ± 11	<1,73	<3,16
Tráva	Vráble	2005/1653	<0,520	0,63 ± 0,15	136 ± 10	233 ± 17	<0,921	<1,78
Tráva*	Mochovce	2005/1654						

Poznámka: * vzorka nebola odobratá pre nízky stav porastu

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Repa	H.Seč	2005/1577	<0,282	<0,290	70,3 ± 4,0	<2,92	<0,479	<1,09
Repa	Tehla	2005/1604	<0,286	<0,293	58,0 ± 3,5	<2,90	<0,620	<1,07

OVOCIE

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Čerešne	Tajná	2005/0852	<0,290	<0,296	72,5 ± 4,0	<5,63	<0,579	<0,948
Čerešne	Nemčiňany	2005/0853	<0,295	<0,297	67,7 ± 3,8	<5,10	<0,486	<1,05
Jahody	Č.Hrádok	2005/0869	<0,293	<0,302	55,1 ± 3,2	<5,14	<0,576	<1,03
Jahody	St.Tekov	2005/0921	<0,287	0,15 ± 0,05	42,9 ± 2,7	<4,22	<0,521	<1,02
Maliny	T.Lužany	2005/1159	<0,264	0,10 ± 0,06	94,5 ± 5,0	<3,23	<0,472	<0,966
Jablká	M.Kozmálovce	2005/1578	<0,269	<0,285	29,9 ± 2,2	<2,31	<0,574	<1,00
Jablká	Vráble	2005/1581	<0,265	0,10 ± 0,05	23,0 ± 2,0	<2,21	<0,558	<1,00
Hrušky	Telince	2005/1580	<0,266	<0,284	50,6 ± 3,2	<2,42	<0,569	<1,00
Hrušky	Volkovce	2005/1586	<0,276	0,11 ± 0,06	47,3 ± 3,0	<3,04	0,41 ± 0,22	<1,02
Hrozno	Levice	2005/1576	<0,283	<0,305	87,5 ± 4,8	<3,09	<0,600	<1,08
Hrozno	Č.Hrádok	2005/1605	<0,274	<0,298	78,7 ± 4,4	<2,88	<0,571	<1,04

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Hrach*	Kalná n/Hr.	2005/1103	<0,429	0,27 ± 0,11	356 ± 19	<7,00	<0,836	<1,28
Hrach*	Rybník	2005/1110	<0,432	0,32 ± 0,11	357 ± 19	<6,87	<0,863	<1,67
Uhorky	H.Seč	2005/1185	<0,272	0,19 ± 0,06	55,0 ± 3,4	<2,55	<0,582	<1,04
Uhorky	V.Đur	2005/1228	<0,282	0,12 ± 0,06	63,3 ± 3,7	<2,92	<0,587	<1,06
Cuketa	Č.Hrádok	2005/1184	<0,282	<0,302	64,2 ± 3,8	<2,84	<0,587	<1,04
Paprika	Vráble	2005/1190	<0,272	<0,297	57,4 ± 3,5	<2,81	<0,581	<1,05
Paprika	T.Lužany	2005/1417	<0,285	<0,309	68,8 ± 4,0	<2,24	<0,608	<1,08
Paradajky	T.Lužany	2005/1210	<0,288	<0,312	94,3 ± 5,2	<3,05	<0,601	<1,11
Paradajky	Volkovce	2005/1229	<0,280	<0,307	85,8 ± 4,7	<2,95	<0,591	<1,07
Petržlen	Podlužany	2005/1583	<0,253	<0,274	161 ± 8	<2,17	<0,491	<0,912
Petržlen	Volkovce	2005/1607	<0,251	<0,273	131 ± 7	<2,13	<0,577	<0,829
Kapusta	Zl.Moravce	2005/1606	<0,269	<0,288	87,5 ± 4,7	<3,37	<0,493	<1,03
Kapusta	H.Seč	2005/1626	<0,288	0,12 ± 0,05	52,5 ± 3,3	<6,03	0,45 ± 0,21	<1,04
Zemiaky	St.Tekov	2005/1584	<0,297	0,19 ± 0,08	120 ± 6	<3,07	0,44 ± 0,17	<1,11
Zemiaky	M.Vozokany	2005/1628	<0,267	<0,283	113 ± 6	<2,88	<0,509	<1,01
Mrkva	Č.Klačany	2005/1587	<0,289	<0,305	72,3 ± 4,1	<2,64	0,56 ± 0,19	<1,07
Mrkva	Levice	2005/1970	<0,290	<0,314	99,1 ± 5,4	<4,21	<0,517	<1,11
Fazuľa*	Č.Hrádok	2005/1627	<0,446	<0,510	466 ± 24	<4,54	<0,785	<1,85
Fazuľa*	T.Lužany	2005/2172	<0,493	<0,475	408 ± 21	<9,43	1,63 ± 0,35	<1,73
Fazuľa*	T.Hrádok	2005/2173	<0,492	<0,486	478 ± 25	<9,76	0,91 ± 0,32	<1,71

Poznámka: * Bq/kg sušenej vzorky

ČAJOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Agát-kvet	Levice	2005/0763	<0,489	<0,523	663 ± 41	13,3 ± 2,1	<0,976	<1,85
Agát-kvet	Č.Hrádok	2005/0765	<0,550	<0,586	672 ± 42	21,1 ± 3,2	<1,10	<2,17
Baza-kvet	Vráble	2005/0764	<0,601	<0,649	976 ± 61	37,7 ± 3,6	<1,21	<2,72
Baza-kvet	Kozárovce	2005/0766	<0,537	0,59 ± 0,17	676 ± 42	33,9 ± 3,4	<1,11	<2,12
Lipa-kvet	St.Tekov	2005/0904	<0,468	0,20 ± 0,09	510 ± 32	25,0 ± 3,0	<0,921	<1,75
Lipa-kvet	Nevidzany	2005/0905	<0,489	<0,516	431 ± 27	27,2 ± 3,2	<0,975	<1,84
Šípky	Kozárovce	2005/1736	<0,482	<0,463	354 ± 19	6,56 ± 2,7	<0,833	<1,70
Šípky	Tajná	2005/1737	<0,455	<0,455	318 ± 17	11,7 ± 3,0	1,00 ± 0,29	<1,63

OLEJNINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Repka	V.Đur	2005/1104	<0,367	0,28 ± 0,09	236 ± 13	<6,04	<0,732	<1,37
Repka	Zl.Moravce	2005/1107	<0,415	<0,453	262 ± 14	2,39 ± 1,45	<0,827	<1,58
Slničnica	N.Tekov	2005/1579	<0,361	<0,386	235 ± 13	<4,05	<0,556	<1,39
Slničnica	Zl.Moravce	2005/1582	<0,409	0,44 ± 0,13	281 ± 15	<6,18	<0,841	<1,65
Orechy	T.Lužany	2005/2174	<0,353	<0,343	175 ± 9	<6,42	0,97 ± 0,23	<1,23
Orechy	T.Hrádok	2005/2175	<0,415	<0,453	262 ± 14	2,39 ± 1,45	<0,827	<1,58

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POLNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

VODNÉ RASTLINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Rastliny	Hron-Kozárovce	2005/1805	<1,57	5,47 ± 0,42	489 ± 33	82,5 ± 12,2	140 ± 13	44,4 ± 8,4
Rastliny	Hron-V.Kozmál.	2005/1804	1,48 ± 0,15	11,3 ± 0,72	360 ± 23	70,0 ± 10,0	105 ± 9	36,5 ± 6,3
Druh	Lokalita	Rádionuklid Ev. č. prot.	⁵⁸ Co	⁶⁰ Co	^{110m} Ag			
			[Bq/kg sušenej vzorky]					
Rastliny	Hron-V.Kozmál.	2005/1804	1,11 ± 0,24	3,43 ± 0,31	3,78 ± 0,27			

Poznámka: * pokračovanie tabuľky pre ďalšie rádionuklidy doteraz nezistených

HRÍBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Kozáky	Jabloňovce	2005/1206	<0,218	1,43 ± 0,11	119 ± 6	<2,37	<0,458	<0,800
Plávky	Jabloňovce	2005/1207	<0,215	0,47 ± 0,07	119 ± 6	<2,27	<0,447	<0,816

RYBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Kapor	EMO-chl.veža	2005/0549	<0,166	<0,176	102 ± 5	<1,79	<0,362	<0,610
Nosáľ	Hron-V.Kozml.	2005/1771	<0,326	<0,323	94,7 ± 5,2	<3,90	<0,608	<1,11
Podustva	Hron-V.Kozml.	2005/1770	<0,314	0,21 ± 0,07	90,8 ± 4,9	<3,81	<0,588	<1,06
Pleskáč	Hron-V.Kozml.	2005/1773	<0,296	<0,304	95,5 ± 5,2	<3,71	<0,607	<1,10
Nosáľ	Hron-V.Kozml.	2005/1772	<0,284	<0,309	97,2 ± 5,2	<3,79	<0,594	<1,08
Nosáľ	Hron-V.Kozml.	2005/2151	<0,293	<0,317	91,6 ± 5,1	<3,43	0,91 ± 0,25	<1,12

MÄSO

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Bravčovina	Zbrojníky	2005/2118	<0,263	<0,293	38,3 ± 2,7	<4,51	0,35 ± 0,18	<1,03

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Správa o kontrole rádioaktivity v okolí SE-EMO

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Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POLNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KRMOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Jačmeň	V.Đur	2006/1119	0,196 ± 0,088	151 ± 8	14,1 ± 1,9	1,02 ± 0,27	<1,37
Jačmeň	Kozárovce	2006/1120	<0,415	164 ± 9	4,62 ± 0,91	0,572 ± 0,244	<1,42
Pšenica	Zl.Moravce	2006/1121	0,239 ± 0,088	153 ± 8	<5,16	1,30 ± 0,30	<1,22
Pšenica	Vráble	2006/1122	0,149 ± 0,070	135 ± 8	<5,81	<0,677	<1,28
Ďatelina	St.Tekov	2006/1149	0,839 ± 0,177	547 ± 34	78,1 ± 6,2	1,75 ± 0,47	<2,56
Ďatelina	Kozárovce	2006/1148	0,906 ± 0,181	539 ± 34	75,0 ± 6,0	1,44 ± 0,40	<2,12
Tráva	Mochovce	2006/1546	<0,806	894 ± 63	121 ± 11	1,77 ± 0,54	<2,79
Tráva	Vráble	2006/1547	0,901 ± 0,231	528 ± 38	111 ± 12	1,68 ± 0,68	<3,02
Tráva	T.Hrádok	2006/1548	<0,949	705 ± 50	148 ± 14	2,13 ± 0,85	<3,08
Tráva	T.Mlýňany	2006/1549	0,598 ± 0,230	619 ± 44	128 ± 15	2,46 ± 0,72	<3,07
Tráva	N.Tekov	2006/1569	3,12 ± 0,39	527 ± 38	57,6 ± 7,9	4,29 ± 0,91	3,52 ± 1,13
Ďatelina	Kozárovce	2006/1566	1,57 ± 0,24	837 ± 52	17,2 ± 2,9	1,66 ± 0,49	<2,69
Ďatelina	St.Tekov	2006/1567	1,30 ± 0,20	342 ± 22	51,1 ± 4,2	2,59 ± 0,49	<1,98
Kukurica	Čifáre	2006/1589	<0,384	134 ± 8	<9,81	<0,627	<1,44
Kukurica	M.Vozokany	2006/1591	<0,332	127 ± 7	<7,46	0,520 ± 0,239	<1,15

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	Levice	2006/1384	<0,259	45,4 ± 2,9	<2,48	<0,428	<0,909
Repa	Vráble	2006/1480	<0,256	56,7 ± 3,4	<2,18	<0,391	<0,913

OVOCE

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jahody	Volkovce	2006/0875	<0,278	48,2 ± 3,1	<2,27	0,539 ± 0,185	<0,973
Jahody	Č.Hrádok	2006/0877	0,178 ± 0,054	40,4 ± 2,7	2,64 ± 0,61	0,860 ± 0,199	<0,914
Čerešne	Zl.Moravce	2006/0878	<0,259	55,4 ± 3,4	<2,21	<0,459	<0,926
Čerešne	V.Đur	2006/0876	<0,260	54,4 ± 3,3	<2,13	0,339 ± 0,172	<0,911
Maliny	Krškany	2006/0942	<0,260	57,4 ± 3,4	<1,91	<0,462	<0,909
Marhule	Levice	2006/1146	<0,283	108 ± 6	<2,18	<0,410	<0,970
Marhule	Č.Hrádok	2006/1147	<0,289	71,3 ± 4,1	<2,44	<0,411	<1,02
Slivky	Rybník	2006/1336	<0,260	51,2 ± 3,1	<2,32	<0,480	<0,890
Slivky	Nemčiňany	2006/1342	0,112 ± 0,053	64,1 ± 3,7	<2,42	<0,356	<0,920
Hrušky	Tajná	2006/1590	<0,265	41,2 ± 2,8	<2,13	<0,422	<0,934
Hrušky	Volkovce	2006/1601	0,212 ± 0,073	50,4 ± 3,2	<2,29	0,326 ± 0,173	<0,953
Hrozno	V.Vozokany	2006/1592	0,134 ± 0,053	89,5 ± 4,9	<2,31	<0,502	<0,933
Hrozno	M.Kozmálovce	2006/1593	<0,264	85,3 ± 4,7	<2,37	<0,493	<0,973
Jablká	M.Kozmálovce	2006/1602	<0,252	45,1 ± 2,8	<2,43	<0,448	<0,908
Jablká	Vráble	2006/1603	<0,254	34,7 ± 2,4	<2,32	<0,402	<0,873

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hrach*	Vráble	2006/1125	<0,437	353 ± 19	<6,86	0,819 ± 0,309	<1,61
Hrach*	N.Tekov	2006/1126	0,355 ± 0,132	376 ± 20	<6,92	<0,634	<1,52
Paradajky	Rybník	2006/1338	0,127 ± 0,046	76,1 ± 4,3	<2,54	<0,445	<0,985
Paradajky	Zl.Moravce	2006/1343	<0,278	77,9 ± 4,4	<2,49	0,352 ± 0,157	<0,970
Cuketa	Č.Hrádok	2006/1341	0,0854 ± 0,0476	47,6 ± 3,0	<2,65	<0,413	<0,926
Cuketa	St.Tekov	2006/1481	<0,250	46,5 ± 2,9	<2,17	<0,391	<0,887
Uhorky	T.Lužany	2006/1347	<0,245	64,1 ± 3,7	<2,39	<0,465	<0,873
Uhorky	Čifáre	2006/1348	<0,271	62,9 ± 3,7	<2,57	<0,501	<0,948
Paprika	Vráble	2006/1344	0,104 ± 0,056	40,0 ± 2,7	<2,67	0,201 ± 0,154	<0,909
Paprika	T.Lužany	2006/1346	<0,258	69,1 ± 3,9	<2,69	<0,359	<0,911
Zemiaky	Volkovce	2006/1345	<0,284	140 ± 7	<3,04	<0,457	<0,975
Zemiaky	Krškany	2006/1594	<0,292	142 ± 7	<2,25	0,287 ± 0,208	<1,08
Tekvica	T.Lužany	2006/1499	<0,274	65,6 ± 3,8	<2,35	0,301 ± 0,157	<0,937
Petržlen	Volkovce	2006/1604	<0,318	158 ± 8	<2,95	0,710 ± 0,204	<1,06
Petržlen	St.Tekov	2006/1605	<0,310	161 ± 8	<3,12	0,596 ± 0,200	<0,831
Kapusta	T.Hrádok	2006/1606	<0,264	75,8 ± 4,3	<2,80	0,346 ± 0,155	<0,982
Fazuľa*	Č.Hrádok	2006/1735	0,305 ± 0,118	539 ± 28	<9,48	<0,954	<1,91
Fazuľa*	T.Lužany	2006/1764	<0,463	541 ± 28	<7,33	<0,856	<1,72
Mrkva	Č.Hrádok	2006/2051	<0,267	89,6 ± 4,9	<3,46	<0,475	<0,961
Mrkva	T.Lužany	2006/2079	<0,293	163 ± 8	<4,04	0,655 ± 0,204	<1,04

Poznámka: * Bq/kg sušenej vzorky

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	Levice	2006/1384	<0,259	45,4 ± 2,9	<2,48	<0,428	<0,909
Repa	Vráble	2006/1480	<0,256	56,7 ± 3,4	<2,18	<0,391	<0,913

OLEJNINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Zl.Moravce	2006/1123	<0,423	251 ± 13	6,65 ± 1,95	<0,677	<1,41
Repka	V.Đur	2006/1124	<0,421	280 ± 15	<6,92	<0,645	<1,51
Sinečnica	Kozárovce	2006/1385	<0,387	236 ± 13	<5,16	<0,657	<1,40
Sinečnica	Nevidzany	2006/1386	<0,282	220 ± 12	<3,80	0,651 ± 0,219	<0,947

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ČAJOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	C.Hrádok	2006/0806	<0,884	1320 ± 80	64,8 ± 6,1	<1,30	<2,86
Baza-kvet	Šándorhalm	2006/0805	0,539 ± 0,238	1410 ± 90	106 ± 8	1,32 ± 0,57	1,39 ± 0,94
Agát-kvet	V.Vozokany	2006/0807	0,391 ± 0,187	706 ± 44	57,8 ± 5,4	<1,32	<2,72
Agát-kvet	Kozárovce	2006/0808	0,552 ± 0,208	700 ± 44	59,8 ± 5,4	<1,22	<2,70
Šípky	Kozárovce	2006/1736	<0,452	385 ± 20	14,2 ± 2,5	0,759 ± 0,261	<1,60
Šípky	Tajná	2006/1737	<0,476	336 ± 18	9,93 ± 2,10	<0,753	<1,71

HRÍBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hliva	T.Lužany	2006/1898	<0,315	141 ± 8	<2,32	0,433 ± 0,171	<1,10

RYBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Podustva	V.Kozmálov	2006/0789	0,276 ± 0,080	96,5 ± 5,3	<5,40	0,726 ± 0,244	<1,04
Nosáľ	V.Kozmálov	2006/1314	0,199 ± 0,057	98,3 ± 5,4	<2,90	<0,455	<1,03
Jalec	V.Kozmálov	2006/2027	0,230 ± 0,072	104 ± 6	<4,89	0,590 ± 0,192	<1,06

MÄSO

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Bravčovina	Zbrojníky	2006/1897	<0,278	93,5 ± 5,1	<2,16	0,522 ± 0,163	<1,00
Repka	V.Đur	2006/1124	<0,421	280 ± 15	<6,92	<0,645	<1,51
Sľnečnica	Kozárovce	2006/1385	<0,387	236 ± 13	<5,16	<0,657	<1,40
Sľnečnica	Nevidzany	2006/1386	<0,282	220 ± 12	<3,80	0,651 ± 0,219	<0,947

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid Ev. č. prot.	⁶⁰ Co	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
V.rastliny	Kozárovce	2006/1335	<0,971	7,90 ± 0,64	610 ± 38	184 ± 14	33,8 ± 3,0	37,1 ± 6,5
V.rastliny	V.Kozmálovce	2006/1334	<0,989	6,54 ± 0,58	595 ± 37	95,9 ± 9,9	41,4 ± 3,7	35,3 ± 6,6
V.rastliny	V.Kozmálovce	2006/1734	1,31 ± 0,37	9,86 ± 0,67	553 ± 35	149 ± 12	77,3 ± 6,7	31,1 ± 6,0

Table 324 Specific activity of agricultural production samples, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

TRÁVNATÝ PORAST

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg sušenej vzorky]				
Tráva	Vráble	2007/1825	2,28 ± 0,31	530 ± 43	325 ± 28	3,67 ± 1,01	2,18 ± 0,92
Tráva	T.Mlýňany	2007/1824	1,05 ± 0,26	437 ± 38	285 ± 26	4,96 ± 1,12	<2,95
Tráva	T.Hrádok	2007/1822	1,19 ± 0,22	219 ± 17	392 ± 31	4,79 ± 0,90	4,52 ± 1,52
Tráva	N.Tekov	2007/1823	0,582 ± 0,155	153 ± 12	261 ± 21	2,35 ± 0,69	1,39 ± 0,81
Tráva	Mochovce	2007/1826	<0,713	562 ± 42	225 ± 18	2,23 ± 0,80	<2,57

KRMIVO

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg sušenej vzorky]				
Datelina	Kozárovce	2007/0772	0,579 ± 0,224	1390 ± 100	75,2 ± 8,7	<1,84	<4,31
Datelina	Hr.Klačany	2007/0804	<1,07	1280 ± 90	63,5 ± 7,7	<1,49	<3,93
Jačmeň	Kozárovce	2007/1275	<0,397	190 ± 10	9,08 ± 2,03	<0,772	<1,42
Jačmeň	Vráble	2007/1276	<0,407	141 ± 8	<13,0	1,46 ± 0,40	<1,39
Pšenica	Kozárovce	2007/1277	0,140 ± 0,067	143 ± 8	<9,01	1,29 ± 0,32	<1,10
Pšenica	Vráble	2007/1278	<0,392	162 ± 9	<13,0	<0,779	<1,31
Kukurica	M.Kozmálovce	2007/1439	<0,352	121 ± 7	<3,79	<0,707	<1,20
Kukurica	M.Vozokany	2007/1478	<0,365	113 ± 6	<3,84	<0,723	<1,32
Datelina	M.Kozmálovce	2007/1723	<0,662	1060 ± 70	1,01 ± 0,83	2,26 ± 0,63	<2,49
Datelina	Kozárovce	2007/1899	0,353 ± 0,143	733 ± 46	235 ± 16	1,26 ± 0,65	1,95 ± 0,67

OVOCIE

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg surovej vzorky]				
Jahody	Volkovce	2007/0740	<0,266	66,5 ± 3,8	<2,27	0,545 ± 0,188	<0,936
Jahody	T.Lužany	2007/0788	<0,259	73,4 ± 4,1	<2,19	0,625 ± 0,187	<0,953
Čerešne	V.Đur	2007/0805	<0,261	67,0 ± 3,8	<2,23	0,463 ± 0,184	<0,933
Čerešne	Č.Klačany	2007/0806	<0,276	75,5 ± 4,5	<2,30	0,422 ± 0,151	<0,977
Višne	Č.Hrádok	2007/0904	<0,254	66,6 ± 3,8	<3,31	<0,442	<0,922
Hrušky	Volkovce	2007/1338	0,174 ± 0,056	44,7 ± 2,8	<2,45	<0,503	<0,893
Hrušky	Tajná	2007/1437	0,092 ± 0,048	49,4 ± 3,0	<2,17	<0,484	<0,853
Jablká	T.Hrádok	2007/1440	0,109 ± 0,062	39,9 ± 2,6	<2,25	<0,501	<0,892
Jablká	Vráble	2007/1441	<0,253	34,6 ± 2,4	<2,25	<0,505	<0,881
Hrozno	Levice	2007/1438	<0,267	93,1 ± 5,0	<2,69	<0,524	<0,959
Hrozno	Č.Hrádok	2007/1442	0,153 ± 0,055	96,3 ± 5,2	1,80 ± 0,77	<0,548	<0,968

Table 325 Specific activity of agricultural production samples, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

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Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hrach*	Lúčnica n/Zit.	2007/1279	<0,442	356 ± 19	<12,5	<0,859	<1,51
Hrach*	Mochovce	2007/1280	0,465 ± 0,116	395 ± 21	<12,1	<0,817	<1,53
Paradajky	Č.Hrádok	2007/1301	0,213 ± 0,066	83,5 ± 4,5	<2,62	<0,478	<0,895
Paradajky	Levice	2007/1672	0,139 ± 0,055	59,4 ± 3,5	<3,22	<0,539	<0,921
Uhorky	T.Lužany	2007/1444	<0,277	82,5 ± 4,5	<2,42	<0,520	<0,938
Tekvica	St.Tekov	2007/1477	<0,266	65,7 ± 3,8	<2,69	<0,509	<0,909
Tekvica	T.Lužany	2007/1484	0,105 ± 0,048	80,5 ± 4,4	<2,53	<0,531	<0,955
Cuketa	Č.Hrádok	2007/1501	<0,259	58,6 ± 3,5	<3,05	<0,539	<0,904
Paprika	T.Lužany	2007/1485	<0,271	80,1 ± 4,4	<3,14	<0,519	<0,935
Paprika	Rybník	2007/1521	<0,259	79,0 ± 4,4	<3,09	0,728 ± 0,254	<0,952
Zemiaky	Krškany	2007/1476	0,186 ± 0,066	164 ± 8	<3,63	<0,566	<1,07
Zemiaky	T.Lužany	2007/2066	<0,265	172 ± 9	<3,41	1,56 ± 0,24	<1,02
Kapusta	H.Ohaj	2007/1624	0,193 ± 0,058	82,8 ± 4,6	<2,76	<0,535	<0,962
Kapusta	Č.Hrádok	2007/1625	0,205 ± 0,057	86,5 ± 4,7	<2,77	<0,527	<0,964
Mrkva	Rybník	2007/1740	<0,310	214 ± 11	<2,88	<0,580	<1,11
Mrkva	T.Lužany	2007/2048	<0,263	157 ± 8	<3,85	2,19 ± 0,26	<1,01
Petržlen	Rybník	2007/1741	<0,322	232 ± 12	<3,06	<0,631	<1,17
Petržlen	T.Lužany	2007/2049	<0,267	175 ± 9	<3,79	0,880 ± 0,217	<0,930
Fazuľa*	T.Lužany	2007/2052	<0,405	584 ± 30	<5,31	<0,760	<1,51
Fazuľa*	T.Hrádok	2007/2065	<0,362	449 ± 23	<4,17	<0,770	<1,37

Poznámka: * Bq/kg sušenej vzorky

OLEJNINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Zl.Moravce	2007/1273	<0,432	272 ± 14	<14,2	<0,807	<1,48
Repka	Kalná n/Hr.	2007/1274	<0,411	320 ± 17	<15,6	<0,793	<1,33
Slečnica	Nemčiňany	2007/1337	0,444 ± 0,105	277 ± 15	4,49 ± 1,81	<0,827	<1,52
Slečnica	Kozárovce	2007/1479	<0,392	210 ± 11	<7,05	<0,809	<1,32
Orechy	V.Đur	2007/1671	<0,375	141 ± 8	<3,71	<0,745	<1,35
Orechy	T.Lužany	2007/2051	<0,295	144 ± 8	<4,66	0,957 ± 0,398	<1,09

ČAJOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	Sándorhalma	2007/0643	<0,930	1200 ± 70	49,6 ± 5,5	<1,53	<3,40
Baza-kvet	Č.Hrádok	2007/0646	<0,738	1060 ± 80	4,40 ± 1,24	<1,43	<2,94
Agát-kvet	Kozárovce	2007/0644	<0,782	720 ± 45	15,9 ± 3,1	<1,35	<2,93
Agát-kvet	V.Vozokany	2007/0645	<0,690	843 ± 52	63,2 ± 5,8	2,24 ± 0,57	<2,33
Sípky	Tajná	2007/1554	<0,416	346 ± 18	11,8 ± 3,0	1,25 ± 0,33	<1,50
Sípky	Mochovce	2007/1623	<0,395	434 ± 22	12,3 ± 2,7	1,08 ± 0,37	<1,50

Table 326 Specific activity of agricultural production samples, 2007

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg surovej vzorky]				
Repa	V.Dur	2007/1522	<0,253	69,7 ± 3,9	<3,17	<0,524	<0,947
Repa	Vráble	2007/1536	<0,250	35,3 ± 2,4	<2,86	<0,495	<0,894

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg sušenej vzorky]				
Vod. mach	V.Kozmálovce	2007/1335	4,32 ± 0,42	571 ± 36	82,7 ± 7,8	32,3 ± 2,9	23,8 ± 4,7
Vod. mach	Kozárovce	2007/1336	2,99 ± 0,38	534 ± 33	120 ± 10	36,8 ± 3,3	24,4 ± 4,6

HRÍBY

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg surovej vzorky]				
Pôvabnica	N.Tekov	2007/1816	<0,275	103 ± 5	<2,45	<0,530	<0,976
Hliva	T.Lužany	2007/2050	<0,200	147 ± 7	<3,09	1,07 ± 0,17	<0,756

RYBY

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg surovej vzorky]				
Jalec	V.Kozmálovce	2007/0035	0,264 ± 0,070	98,6 ± 5,3	<4,33	<0,407	<0,929
Podustva	V.Kozmálovce	2007/1665	0,235 ± 0,069	92,2 ± 5,0	<5,40	<0,541	<0,965
Podustva	Kalná n/Hr.	2007/1670	0,382 ± 0,079	87,7 ± 4,8	<5,01	<0,544	<0,975
Nosáľ	V.Kozmálovce	2007/1893	0,248 ± 0,710	88,2 ± 4,8	<4,77	<0,532	<0,973

MÄSO

Druh	Lokalita	Rádionuklid	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
		Ev. č. prot.	[Bq/kg surovej vzorky]				
Bravčovina	Zbrojníky	2007/1842	0,208 ± 0,085	125 ± 7	<3,62	<0,538	<0,976

[Table 327 Specific activity of agricultural production samples, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

TRÁVNATÝ PORAST

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Tráva	Vráble	2008/2115	0,218 ± 0,275	316 ± 43	512 ± 70	2,66 ± 1,26	<2,24
Tráva	T.Mlýňany	2008/2121	0,600 ± 0,316	376 ± 51	461 ± 63	4,99 ± 1,54	<2,28
Tráva	T.Hrádok	2008/2127	0,214 ± 0,228	210 ± 29	631 ± 86	2,32 ± 1,28	1,76 ± 2,12
Tráva	Mochovce	2008/2133	0,642 ± 0,309	422 ± 57	514 ± 71	2,02 ± 1,20	<2,35

KRMIVO

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Ďatelina	Mochovce	2008/0655	1,11 ± 0,40	616 ± 71	27,6 ± 8,8	<1,26	<2,30
Ďatelina	Prílepy	2008/0656	0,572 ± 0,323	684 ± 78	45,9 ± 10,5	<1,22	<2,29
Pšenica	Č.Hrádok	2008/1202	<0,350	118 ± 12	<8,82	<0,816	<1,19
Pšenica	Zl.Moravce	2008/1203	<0,381	145 ± 14	<9,71	<0,758	<1,27
Jačmeň	Vráble	2008/1204	0,160 ± 0,151	133 ± 13	5,70 ± 3,92	<0,704	<1,27
Jačmeň	V.Ďur	2008/1205	<0,376	148 ± 15	10,3 ± 4,7	<0,741	<1,29
Kukurica	Č.Klačany	2008/1429	<0,376	111 ± 12	<4,65	<0,814	<1,33
Kukurica	Kozárovce	2008/1431	<0,380	130 ± 13	<4,74	<0,778	<1,34
Ďatelina	Mochovce	2008/1711	0,521 ± 0,326	1030 ± 120	136 ± 17	1,75 ± 1,14	2,64 ± 2,63
Ďatelina	Prílepy	2008/1712	0,915 ± 0,346	369 ± 43	163 ± 20	2,07 ± 1,04	<2,21

OVOCIE

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jahody	Rybník	2008/0826	<0,284	43,4 ± 5,3	<4,45	<0,524	<0,971
Jahody	Volkovce	2008/0842	<0,280	58,8 ± 6,5	<4,30	<0,536	<0,927
Čerešne	V.Ďur	2008/0875	<0,278	57,2 ± 6,3	<3,93	<0,517	<0,967
Čerešne	Č.Klačany	2008/0876	0,102 ± 0,116	55,7 ± 6,3	<3,87	<0,533	<0,951
Višne	Č.Hrádok	2008/1009	<0,273	45,3 ± 5,4	<3,42	<0,455	<0,952
Marhule	Levice	2008/1078	<0,267	78,4 ± 7,9	<3,36	<0,532	<0,972
Marhule	Č.Hrádok	2008/1079	<0,206	88,9 ± 8,1	2,78 ± 1,35	<0,456	<0,735
Broskyne	T.Lužany	2008/1208	<0,256	47,3 ± 5,4	1,65 ± 1,52	<0,495	<0,909
Broskyne	Levice	2008/1251	0,104 ± 0,086	70,6 ± 7,2	<2,53	<0,527	<0,926
Slivky	Levice	2008/1230	<0,268	71,1 ± 7,2	<2,82	<0,513	<0,924
Slivky	Č.Hrádok	2008/1425	<0,262	64,3 ± 6,7	<2,00	<0,511	<0,934
Hrušky	Tajná	2008/1547	<0,252	52,1 ± 5,8	<2,10	<0,499	<0,913
Hrušky	Volkovce	2008/1549	0,108 ± 0,101	38,8 ± 4,8	<2,14	<0,504	<0,884
Jablká	Vráble	2008/1548	0,111 ± 0,096	40,0 ± 4,9	<2,06	<0,504	<0,897
Jablká	Rybník	2008/1566	0,101 ± 0,086	53,7 ± 6,0	1,30 ± 1,05	<0,506	<0,915
Hrozno	Levice	2008/1565	<0,275	102 ± 10	3,48 ± 1,36	<0,562	<0,973
Hrozno	Č.Hrádok	2008/1567	<0,257	78,3 ± 7,8	<2,23	<0,516	<0,937

Table 328 Specific activity of agricultural production samples, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamasppektrometria)

ZELEENINA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Uhorky	Tehla	2008/1114	<0,263	53,3 ± 5,9	<2,63	<0,520	<0,918
Uhorky	Levice	2008/1166	<0,258	71,5 ± 7,2	<2,57	<0,505	<0,926
Paprika	Rybník	2008/1264	<0,276	114 ± 11	<2,54	<0,526	<0,969
Paprika	T.Lužany	2008/1426	<0,261	90,4 ± 8,7	<1,96	<0,524	<0,967
Paradajky	Volkovce	2008/1265	<0,260	57,6 ± 6,2	<2,40	<0,490	<0,897
Paradajky	T.Lužany	2008/1427	<0,278	83,4 ± 8,2	<2,15	<0,581	<0,965
Hrach*	Levice	2008/1266	0,358 ± 0,239	346 ± 32	<7,46	<0,834	<1,58
Hrach*	Lúčnica n/Z.	2008/1267	<0,415	348 ± 32	<8,98	<0,802	<1,53
Fazuľa*	T.Hrádok	2008/1707	<0,489	505 ± 46	<3,56	1,09 ± 0,68	<1,81
Fazuľa*	T.Lužany	2008/1708	<0,521	625 ± 56	<3,84	0,835 ± 0,811	<1,94
Zemiaky	Č.Hrádok	2008/2092	<0,260	163 ± 14	<4,85	1,85 ± 0,48	<0,965
Zemiaky	Volkovce	2008/2096	<0,266	165 ± 15	<4,76	1,65 ± 0,46	<0,964
Mrkva	Č.Hrádok	2008/2094	<0,288	111 ± 10	<5,16	1,05 ± 0,49	<1,05
Mrkva	Volkovce	2008/2095	<0,235	166 ± 14	<4,36	<0,497	<0,870
Kapusta	T.Lužany	2008/2109	<0,225	63,3 ± 6,2	<4,31	<0,531	<0,810

Poznámka: * Bq/kg sušenej vzorky

OLEJNINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Mochovce	2008/1206	<0,426	265 ± 25	<8,06	<0,777	<1,53
Repka	Nemčiňany	2008/1207	<0,409	255 ± 24	<6,31	<0,776	<1,44
Slničnica	N.Ves n/Z	2008/1428	<0,423	251 ± 24	3,87 ± 2,71	<0,888	<1,45
Slničnica	ZI.Moravce	2008/1430	<0,401	240 ± 23	<5,54	<0,802	<1,39
Orechy	Levice	2008/1709	<0,383	165 ± 16	<3,57	<0,757	<1,42
Orechy	T.Lužany	2008/1710	<0,382	155 ± 15	<4,23	0,994 ± 0,595	<1,29

ČAJOVINY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	Sándorhalma	2008/0712	<0,719	1010 ± 110	130 ± 19	<1,36	<2,57
Baza-kvet	Č.Hrádok	2008/0713	<0,700	1070 ± 120	99,2 ± 15,5	<1,39	<2,62
Agát-kvet	Kozárovce	2008/0790	<0,607	557 ± 64	36,4 ± 8,4	<1,24	<2,25
Agát-kvet	Nevidzany	2008/0791	0,371 ± 0,226	599 ± 68	32,4 ± 8,3	<1,08	<1,99
Sípky	Mochovce	2008/1933	0,197 ± 0,194	367 ± 34	25,2 ± 4,8	1,04 ± 0,63	<1,61
Sípky	Tajná	2008/1934	0,329 ± 0,212	326 ± 30	12,1 ± 3,7	1,65 ± 0,62	<1,49

Table 329 Specific activity of agricultural production samples, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KŔMNA REPA

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	C.Hrádok	2008/2093	<0,284	76,8 ± 7,8	<4,87	<0,476	<0,947
Repa	T.Lužany	2008/2108	<0,308	185 ± 16	<5,11	0,763 ± 0,461	<1,14

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Vod. mach	V.Kozmálovce	2008/1231	5,95 ± 1,02	637 ± 73	138 ± 21	55,9 ± 9,0	37,7 ± 13,4
Vod. mach	Kozárovce	2008/1232	4,84 ± 0,69	671 ± 77	175 ± 25	42,3 ± 6,9	30,5 ± 10,7
Vod. mach	V.Kozmálovce	2008/1591	7,07 ± 1,07	523 ± 61	91,8 ± 13,9	35,1 ± 5,8	34,2 ± 11,9

HRÍBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hliva	T.Lužany	2008/1768	<0,274	105 ± 10	<2,07	<0,487	<0,966
Pôvabnica	T.Hrádok	2008/2110	<0,297	147 ± 13	2,62 ± 2,54	<0,576	<1,08

RYBY

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Nosáľ	V.Kozmálovce	2008/1080	<0,290	98,1 ± 9,4	<5,01	0,443 ± 0,445	<1,00
Nosáľ	V.Kozmálovce	2008/1496	<0,266	96,1 ± 9,1	<3,47	<0,540	<0,955
Pleskáč	V.Kozmálovce	2008/1585	<0,287	91,5 ± 8,9	<3,67	<0,565	<1,01
Nosáľ	V.Kozmálovce	2008/1777	0,278 ± 0,144	95,0 ± 9,0	<3,07	<0,475	<0,973
Podustva	V.Kozmálovce	2008/1950	0,231 ± 0,156	113 ± 11	<3,03	<0,520	<0,984

MÄSO

Druh	Lokalita	Rádionuklid Ev. č. prot.	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Bravčovina	V.Dur	2008/1778	0,135 ± 0,127	89,8 ± 8,7	<3,06	<0,562	<0,961

[Table 330 Specific activity of agricultural production samples, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

rádiochémiá: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr		
			[mBq/kg]		
Fazula	Červený Hrádok	2005/1627	371	±	43
Zemiaky	Starý Tekov	2005/1584	67	±	10
Paprika	Tekovské Lužany	2005/1417	40	±	5
Hrušky	Volkovce	2005/1586	49	±	7
Uhorky	Horná Seč	2005/1185	91	±	12
Jablká	Malé Kozmálovce	2005/1578	23	±	3
Cuketa	Červený Hrádok	2005/1184	54	±	7
Kapusta	Zlaté Moravce	2005/1606	135	±	16
Hrach	Kalná n. Hronom	2005/1103	194	±	27
Pšenica	Vráble	2005/1108	221	±	27
Mrkva	Čierne Kľačany	2005/1587	160	±	19
Snečnica	Zlaté Moravce	2005/1582	445	±	61
Repka olejka	Zlaté Moravce	2005/1107	1457	±	160
Jačmeň	V.Ďúr	2005/1105	202	±	25
Kukurica	Malé Kozmálovce	2005/1588	84	±	13
Cukrová repa	Horná Seč	2005/1577	143	±	18
Mäso	Zbrojníky	2005/2118	29	±	4
Ryby	Veľké Kozmálovce	2005/1774	193	±	21

Table 331 Specific activity of agricultural production samples, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

rádiochémiá: ⁹⁰Sr

Druh	Lokalita	Evid.č.prot.	90Sr	
			[mBq/kg]	
Tekovské Lužany	Paprika	2006/1346	58	± 7
Volkovce	Zemiaky	2006/1345	133	± 18
Nemčiňany	Slivky	2006/1342	104	± 12
Tajná	Hrušky	2006/1590	54	± 7
Tekovské Lužany	Uhorky	2006/1347	48	± 6
Malé Kozmálovce	Jablká	2006/1602	66	± 8
Červený Hrádok	Cuketa	2006/1341	51	± 6
Starý Hrádok	Kapusta	2006/1606	80	± 9
Čifáre	Kukurica	2006/1589	107	± 13
Zlaté Moravce	Pšenica	2006/1121	248	± 26
Tekovské Lužany	Fazuľa	2006/1764	183	± 23
Kozárovce	Slečnica	2006/1385	258	± 30
V.Ďúr - Rohožnica	Repka olejka	2006/1124	959	± 119
Kozárovce	Jačmeň	2006/1120	224	± 28
Vráble	Hrach	2006/1125	242	± 33
Levice	Cukrová repa	2006/1384	50	± 7
Zbrojníky	Mäso	2006/1897	73	± 8
Veľké Kozmálovce	Ryby	2006/789	196	± 22

Table 332 Specific activity of agricultural production samples, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr		
			[mBq/kg]		
Tekovské Lužany	Paprika	2007/1485	37	±	5
Krškany	Zemiaky	2007/1476	25	±	3
Malé Kozmálovce	Kukurica	2007/1439	52	±	9
Volkovce	Hrušky	2007/1338	25	±	3
Tekovské Lužany	Uhorky	2007/1444	55	±	8
Vráble	Jablká	2007/1441	30	±	4
Červený Hrádok	Cuketa	2007/1501	57	±	7
Horný Oháj	Kapusta	2007/1624	67	±	11
Lúčnica	Hrach	2007/1279	182	±	23
Vráble	Pšenica	2007/1278	398	±	41
Rybník	Mrkva	2007/1740	381	±	36
Kozárovce	Slečnica	2007/1479	559	±	82
Kalná n/Hronom	Repka olejka	2007/1274	109	±	13
Kozárovce	Jačmeň	2007/1275	58	±	7
Starý Tekov	Tekvica	2007/1477	194	±	21
Veľký Ďúr	Cukrová repa	2007/1522	37	±	5
Zbrojníky	Mäso	2007/1842	37	±	5
Veľké Kozmálovce	Ryby	2007/1893	170	±	20

Table 333 Specific activity of agricultural production samples, [2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

HMOTNOSTNÁ AKTIVITA VZORIEK POL'NOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr		
			[mBq/kg]		
Tekovské Lužany	Paprika	2008/1426	56	±	5
Červený Hrádok	Zemiaky	2008/2092	57	±	5
Levice	Slivky	2008/1230	<50		
Volkovce	Hrušky	2008/1549	68	±	6
Tehla	Uhorky	2008/1114	65	±	6
Vráble	Jablká	2008/1548	<50		
EMO Mochovce	Šípky	2008/1933	1021	±	92
Tekovské Lužany	Kapusta	2008/2109	63	±	6
Lúčnica nad Žitavou	Hrach	2008/1267	210	±	19
Z.Moravce	Pšenica	2008/1203	272	±	25
Červený Hrádok	Mrkva	2008/2094	209	±	19
Vieska nad Žitavou	Snečnica	2008/1428	362	±	33
EMO Mochovce	Repka olejka	2008/1206	860	±	77
Vráble	Jačmeň	2008/1204	130	±	12
Č.Kľačany	Kukurica	2008/1429	52	±	5
Červený Hrádok	Repa	2008/2093	143	±	13
V.Ďur	M ä s o	2008/1778	<50		
Veľké Kozmálovce	R y b y	2008/1080	187	±	17

Table 334 Specific activity of agricultural production samples, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

ALFASPEKTROMETRIA

(vybrané vzorky)

Pôda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
EMO Horáreň		146/2005	0,352 ± 0,088	0,069 ± 0,045	0,077 ± 0,055
EMO ZS		145/2005	0,308 ± 0,071	0,058 ± 0,034	0,087 ± 0,059

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.-Hron		150/2005	0,0016 ± 0,0003	<0,0002	0,0006 ± 0,0002
Čifáre rybník		149/2005	0,0005 ± 0,0002	<0,0002	0,0009 ± 0,0003
N. Tekov - č.d. 96		148/2005	0,0016 ± 0,0004	0,0004 ± 0,0002	0,0019 ± 0,0004

Sediment

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.-elektráreň		147/2005	0,092 ± 0,048	<0,0002	0,079 ± 0,059

Table 335 Alpha spectrometry of selected samples, 2005

ALFASPEKTROMETRIA

(vybrané vzorky)

Pôda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
EMO Horáreň		1340/2006	0,289 ± 0,088	0,068 ± 0,049	0,077 ± 0,055
EMO ZS		1339/2006	0,276 ± 0,087	0,056 ± 0,049	0,069 ± 0,052

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.-Hron		1271/2006	0,0012 ± 0,0003	<0,0002	0,0005 ± 0,0002
Čifáre rybník		1293/2006	0,0007 ± 0,0002	<0,0002	0,0006 ± 0,0002
Starý Tekov		1267/2006	0,0015 ± 0,0003	0,0004 ± 0,0001	0,001 ± 0,0003

Sediment

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} PU	²³⁸ PU	²⁴¹ AM
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Kalná n/Hr.-elektráreň		1318/2006	0,117 ± 0,061	<0,0002	0,062 ± 0,054

Table 336 Alpha spectrometry of selected samples, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

ALFASPEKTROMETRIA

(vybrané vzorky)

Pôda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/kg]	[Bq/kg]	[Bq/kg]
EMO Horáreň		492/2007	0,101 ± 0,050	<0,00008	0,081 ± 0,046
EMO ZS		491/2007	0,120 ± 0,052	<0,00008	0,159 ± 0,088

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
Kalná n/Hr.-Hron		495/2007	<0,00008	<0,00008	<0,00008
Čifáre rybník		496/2007	0,00014 ± 0,00009	<0,00008	0,00066 ± 0,00047
Starý Tekov		494/2007	0,00015 ± 0,00010	<0,00008	0,00059 ± 0,00042

Sediment

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Nový Tekov -elektráreň		493/2007	0,060 ± 0,048	<0,00008	0,092 ± 0,059

Table 337 Alpha spectrometry of selected samples, 2007

ALFASPEKTROMETRIA

(vybrané vzorky)

Pôda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/kg]	[Bq/kg]	[Bq/kg]
EMO Horáreň		1334/2008	0,46 ± 0,19	<0,085	<0,085
EMO ZS		1433/2008	0,26 ± 0,12	<0,085	<0,085

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/dm ³]	[Bq/dm ³]	[Bq/dm ³]
Kalná n/Hr.-Hron		1440/2008	0,0010 ± 0,0004	<0,0002	0,0004 ± 0,0003
Čifáre rybník		1441/2008	0,0006 ± 0,0003	<0,0002	0,0003 ± 0,0002
Starý Tekov		1439/2008	0,0013 ± 0,0004	<0,0002	0,0009 ± 0,0004

Sediment

Lokalita	Rádionuklid	Evid. číslo protokolu	^{239,240} Pu	²³⁸ Pu	²⁴¹ Am
			[Bq/kg]	[Bq/kg]	[Bq/kg]
Nový Tekov -elektráreň		1432/2008	0,190 ± 0,08	<0,085	<0,085

Table 338 Alpha spectrometry of selected samples, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

BETA ANALÝZA ¹⁴C

(vybrané vzorky)

Poľnohospodárske produkty

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
Kalná n/Hr.- pšenica		154/2005	2,19 ± 0,31
Telince - jačmeň		155/2005	2,88 ± 0,40
Č. Hrádok - jačmeň		156/2005	3,23 ± 0,45

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/dm ³]
Kalná n/Hr.- elektráreň		151/2005	<1,0

Mlieko

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
T. Hrádok		152/2005	<1,0
T. Hrádok		153/2005	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 339 ¹⁴C activity in selected samples, 2005

BETA ANALÝZA ¹⁴C

(vybrané vzorky)

Poľnohospodárske produkty

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
N. Tekov - hrach		1126/2006	2,13 ± 0,3
Vráble - pšenica		1122/2006	2,15 ± 0,30
V.Ďúr (Rohožnica)- jačmeň		1119/2006	2,58 ± 0,36

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/dm ³]
Kalná n/Hr.- elektráreň		1317/2006	<1,0

Mlieko

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
T. Hrádok (7 mesiac)		1349/2006	<1,0
T. Hrádok (8 mesiac)		1350/2006	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 340 ¹⁴C activity in selected samples, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

BETA ANALÝZA ¹⁴C

(vybrané vzorky)

Poľnohospodárske produkty

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
EMO okolie - hrach		500/2007	<2,0
Zlaté Moravce - pšenica		498/2007	2,52 ± 0,35
Kalná n/ Hronom - jačmeň		499/2007	2,78 ± 0,39

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/dm ³]
Nový Tekov - elektráreň		497/2007	<1,0

Mlieko

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
T. Hrádok (5 mesiac)		501/2007	<1,0
T. Hrádok (6 mesiac)		502/2007	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

[Table 341 ¹⁴C activity in selected samples, 2007](#)

BETA ANALÝZA ¹⁴C

(vybrané vzorky)

Vodné rastliny a poľnohospodárske produkty

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
Hron - vodné rastliny		1437/2008	1,280 ± 0,015
Veľký Ďur - pšenica		1436/2008	0,287 ± 0,072
Nevidzany - jačmeň		1435/2008	0,314 ± 0,072

Voda

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/dm ³]
Nový Tekov - elektráreň		1438/2008	<0,05

Mlieko

Lokalita	Rádionuklid	Evid. číslo protokolu	¹⁴ C
			[Bq/kg]
T. Hrádok (7 mesiac)		1442/2008	0,330 ± 0,014
T. Hrádok (8 mesiac)		1443/2008	1,260 ± 0,150

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

[Table 342 ¹⁴C activity in selected samples, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. - útvar B0120

PRÍKON DÁVKY
(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	77 ± 6	87 ± 7	57 ± 7	73 ± 7	70 ± 6	69 ± 6	68 ± 6	71 ± 8	64 ± 5	70 ± 7	76 ± 6	74 ± 8
RÚ RAO 2	89 ± 7	92 ± 8	64 ± 7	80 ± 7	79 ± 6	75 ± 6	75 ± 6	85 ± 9	75 ± 6	83 ± 8	89 ± 6	94 ± 9
RÚ RAO 3	86 ± 6	88 ± 8	69 ± 7	85 ± 8	74 ± 6	79 ± 6	74 ± 6	80 ± 8	74 ± 6	75 ± 7	84 ± 6	98 ± 10
RÚ RAO 4	85 ± 6	94 ± 8	66 ± 7	91 ± 8	79 ± 6	81 ± 7	75 ± 6	88 ± 9	74 ± 6	85 ± 8	87 ± 6	115 ± 11
RÚ RAO SDS	54 ± 5	79 ± 7	70 ± 8	80 ± 7	81 ± 7	73 ± 6	79 ± 6	82 ± 8	81 ± 6	80 ± 7	95 ± 7	88 ± 9
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

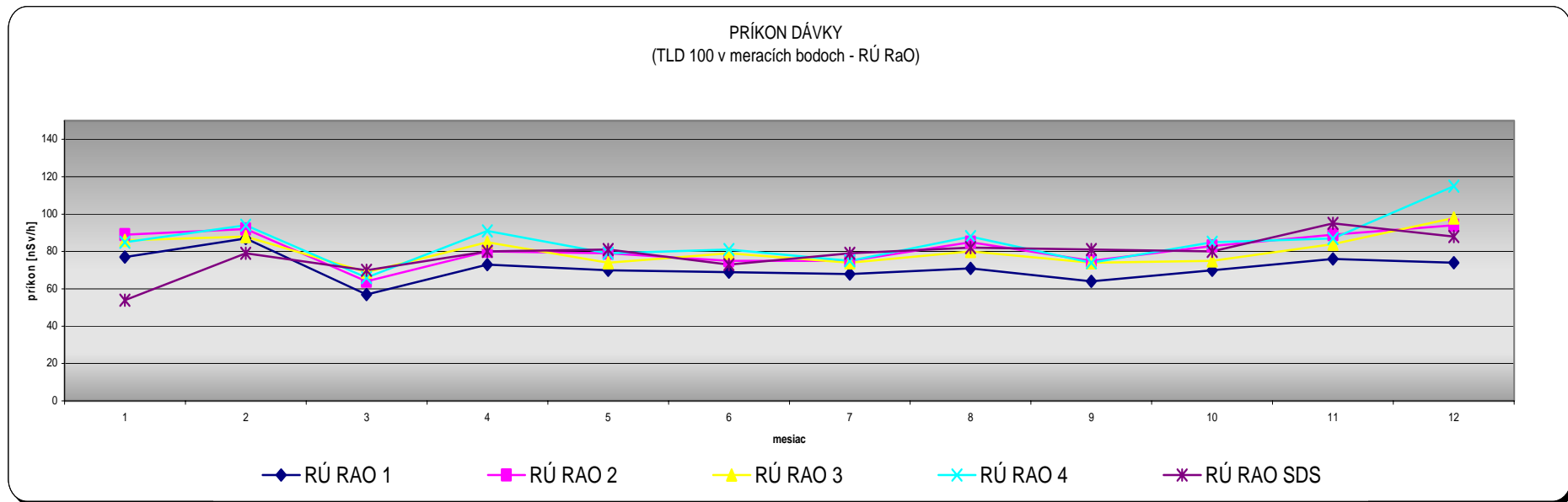


Table 343 Dose rate at RR RAW measured by TLD 100, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO
Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	65 ± 6	46 ± 6	67 ± 5	75 ± 6	67 ± 6	74 ± 5	65 ± 5	75 ± 6	75 ± 5	79 ± 7	72 ± 6	82 ± 7
RÚ RAO 2	75 ± 6	53 ± 6	78 ± 6	86 ± 7	85 ± 7	80 ± 6	73 ± 5	85 ± 7	90 ± 6	93 ± 8	86 ± 7	104 ± 8
RÚ RAO 3	74 ± 6	56 ± 6	77 ± 6	76 ± 6	85 ± 7	74 ± 5	73 ± 5	79 ± 6	84 ± 6	90 ± 8	80 ± 6	90 ± 8
RÚ RAO 4	78 ± 6	73 ± 7	85 ± 6	85 ± 7	90 ± 8	77 ± 6	73 ± 5	87 ± 7	82 ± 6	96 ± 8	84 ± 6	102 ± 8
RÚ RAO SDS	90 ± 7	56 ± 6	93 ± 7	76 ± 6	92 ± 8	71 ± 5	80 ± 6	78 ± 6	94 ± 6	89 ± 8	86 ± 7	90 ± 8
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	36

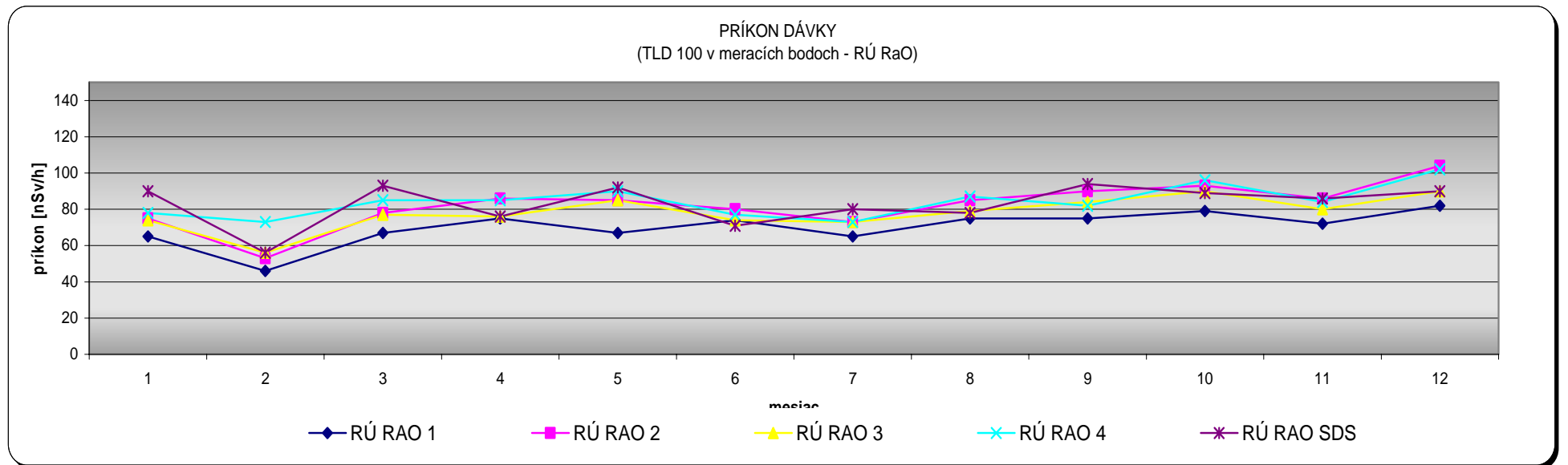


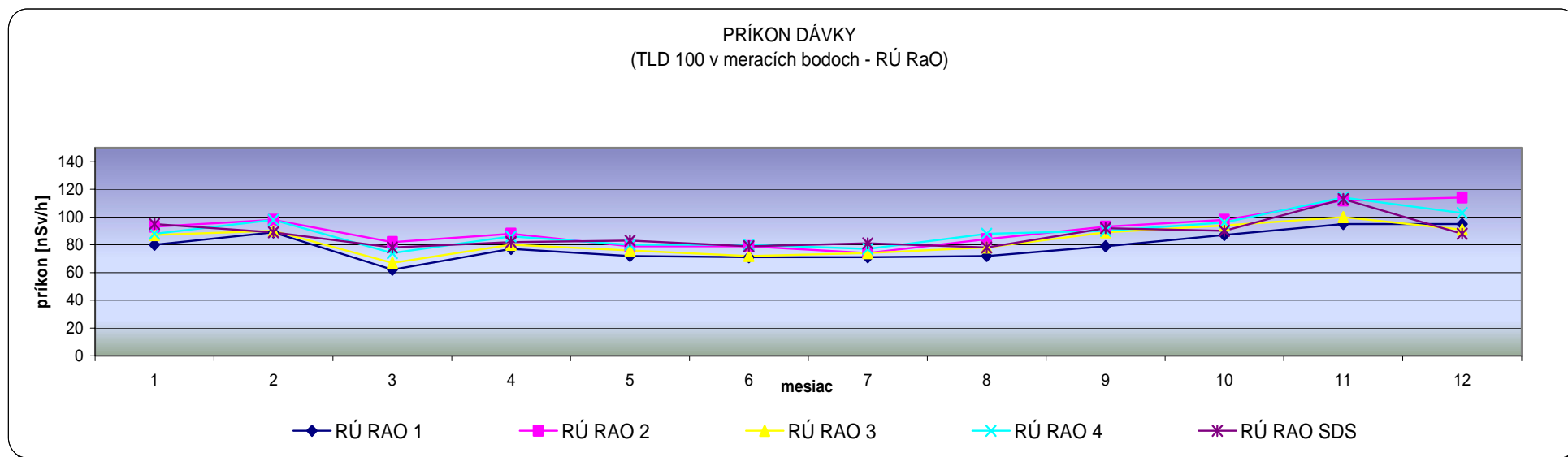
Table 344 Dose rate at RR RAW measured by TLD 100 ,2006

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO
 Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

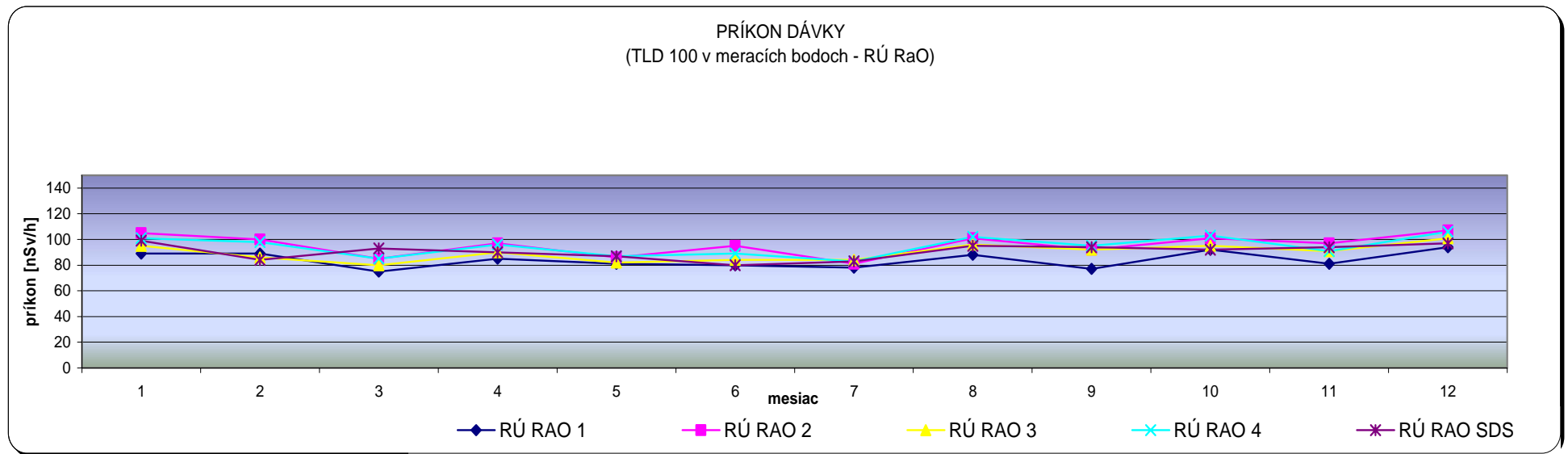
Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	80 ± 6	89 ± 7	62 ± 6	77 ± 6	72 ± 6	71 ± 6	71 ± 5	72 ± 6	79 ± 6	87 ± 7	95 ± 8	95 ± 7
RÚ RAO 2	93 ± 7	98 ± 8	82 ± 7	88 ± 7	79 ± 6	79 ± 6	74 ± 6	84 ± 7	93 ± 7	98 ± 7	112 ± 9	114 ± 8
RÚ RAO 3	87 ± 6	90 ± 7	67 ± 6	80 ± 6	76 ± 6	72 ± 6	74 ± 6	78 ± 6	89 ± 7	94 ± 7	100 ± 9	91 ± 6
RÚ RAO 4	88 ± 7	98 ± 8	74 ± 6	86 ± 7	80 ± 6	80 ± 6	77 ± 6	88 ± 7	90 ± 7	96 ± 7	114 ± 9	103 ± 7
RÚ RAO SDS	95 ± 7	89 ± 7	78 ± 6	82 ± 6	83 ± 7	79 ± 6	81 ± 6	78 ± 6	92 ± 7	90 ± 7	113 ± 9	88 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

[Table 345 Dose rate at RR RAW measured by TLD 100, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO
Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY
(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	89 ± 14	89 ± 13	75 ± 15	85 ± 15	81 ± 12	80 ± 12	78 ± 12	88 ± 13	77 ± 13	92 ± 14	81 ± 12	94 ± 17
RÚ RAO 2	105 ± 16	100 ± 14	85 ± 16	97 ± 17	86 ± 13	95 ± 14	81 ± 13	101 ± 14	92 ± 14	101 ± 15	97 ± 14	107 ± 18
RÚ RAO 3	95 ± 15	86 ± 13	80 ± 16	90 ± 16	82 ± 12	84 ± 13	84 ± 13	96 ± 14	92 ± 14	95 ± 14	91 ± 13	101 ± 18
RÚ RAO 4	101 ± 15	98 ± 14	85 ± 16	96 ± 17	87 ± 13	89 ± 13	83 ± 13	102 ± 14	95 ± 15	103 ± 15	91 ± 13	106 ± 18
RÚ RAO SDS	99 ± 15	84 ± 13	93 ± 17	90 ± 16	87 ± 13	80 ± 12	83 ± 13	95 ± 14	94 ± 15	92 ± 14	94 ± 13	97 ± 17
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18



[Table 346 Dose rate at RR RAW measured by TLD 100, 2008](#)

PRÍKON DÁVKY
(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	85 ± 5	73 ± 4	67 ± 4	75 ± 5	80 ± 4	72 ± 4	75 ± 4	75 ± 4	76 ± 4	78 ± 5	85 ± 5	76 ± 5
RÚ RAO 2	95 ± 5	80 ± 5	72 ± 4	84 ± 5	86 ± 5	77 ± 4	83 ± 5	84 ± 5	86 ± 5	89 ± 5	95 ± 5	84 ± 5
RÚ RAO 3	91 ± 5	76 ± 4	71 ± 4	80 ± 5	86 ± 5	75 ± 4	81 ± 5	80 ± 4	82 ± 5	83 ± 5	92 ± 5	80 ± 5
RÚ RAO 4	91 ± 5	85 ± 5	74 ± 4	87 ± 5	86 ± 5	80 ± 5	81 ± 5	85 ± 5	83 ± 5	90 ± 5	94 ± 5	90 ± 5
RÚ RAO SDS	55 ± 4	76 ± 4	68 ± 4	78 ± 5	75 ± 4	70 ± 4	71 ± 4	77 ± 4	77 ± 4	83 ± 5	87 ± 5	79 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

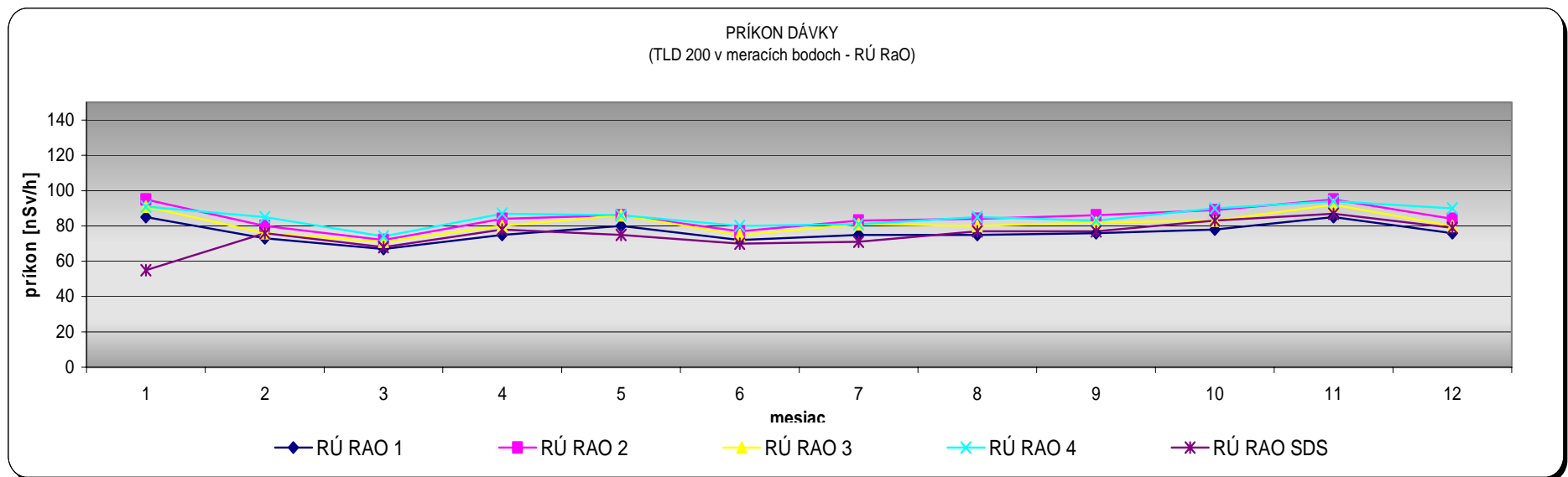


Table 347 Dose rate at RR RAW measured by TLD 200, 2005

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	73 ± 4	57 ± 4	73 ± 4	77 ± 4	85 ± 5	72 ± 4	68 ± 4	84 ± 5	83 ± 5	88 ± 5	85 ± 5	93 ± 5
RÚ RAO 2	79 ± 4	62 ± 4	79 ± 4	85 ± 5	94 ± 5	78 ± 4	73 ± 4	90 ± 5	93 ± 5	98 ± 5	96 ± 5	103 ± 5
RÚ RAO 3	80 ± 4	60 ± 4	81 ± 4	78 ± 4	92 ± 5	75 ± 4	75 ± 4	84 ± 5	90 ± 5	93 ± 5	93 ± 5	95 ± 5
RÚ RAO 4	83 ± 4	72 ± 4	88 ± 5	87 ± 5	94 ± 5	82 ± 4	74 ± 4	92 ± 5	91 ± 5	99 ± 5	94 ± 5	106 ± 6
RÚ RAO SDS	78 ± 4	66 ± 4	82 ± 5	77 ± 4	81 ± 5	70 ± 4	66 ± 4	81 ± 5	84 ± 5	92 ± 5	87 ± 5	97 ± 5
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	36

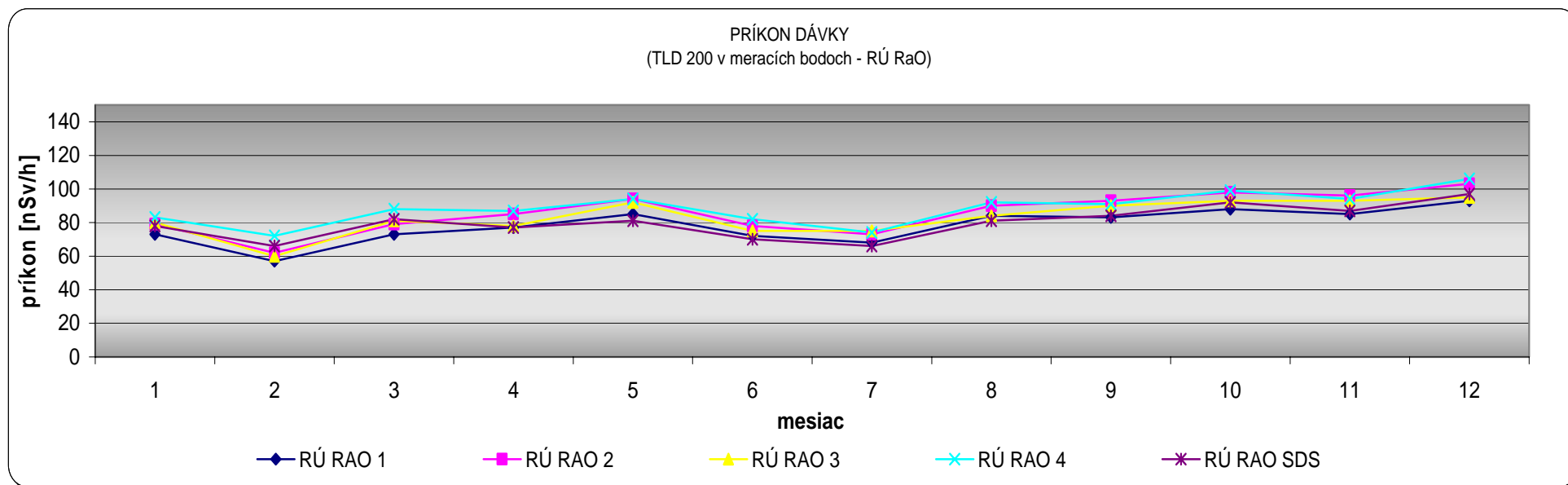


Table 348 Dose rate at RR RAW measured by TLD 200, 2006

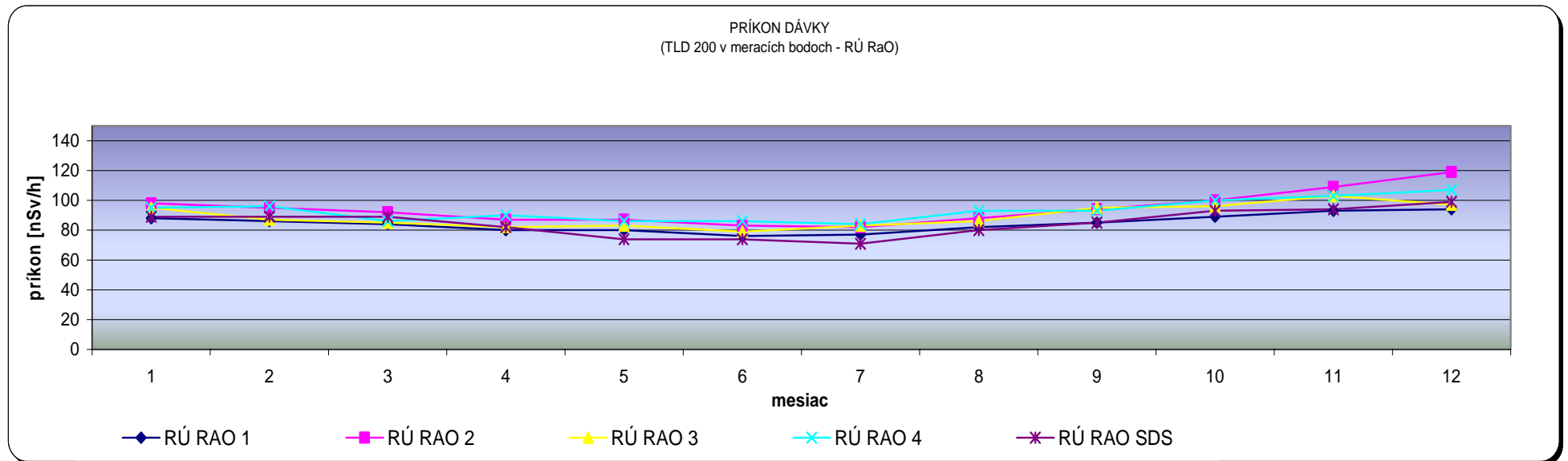
Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	88 ± 5	86 ± 5	84 ± 4	80 ± 4	80 ± 4	76 ± 4	77 ± 4	82 ± 5	85 ± 5	89 ± 5	93 ± 5	94 ± 5
RÚ RAO 2	98 ± 5	95 ± 5	92 ± 5	87 ± 5	87 ± 5	83 ± 5	82 ± 4	88 ± 5	94 ± 5	100 ± 5	109 ± 6	119 ± 6
RÚ RAO 3	95 ± 5	87 ± 5	85 ± 5	82 ± 4	83 ± 4	79 ± 5	83 ± 4	86 ± 5	95 ± 5	96 ± 5	103 ± 5	97 ± 5
RÚ RAO 4	95 ± 5	96 ± 5	86 ± 5	90 ± 5	86 ± 5	86 ± 5	84 ± 5	93 ± 5	93 ± 5	100 ± 5	103 ± 5	107 ± 6
RÚ RAO SDS	89 ± 5	89 ± 5	89 ± 5	82 ± 4	74 ± 4	74 ± 4	71 ± 4	80 ± 4	85 ± 5	93 ± 5	94 ± 5	99 ± 5
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

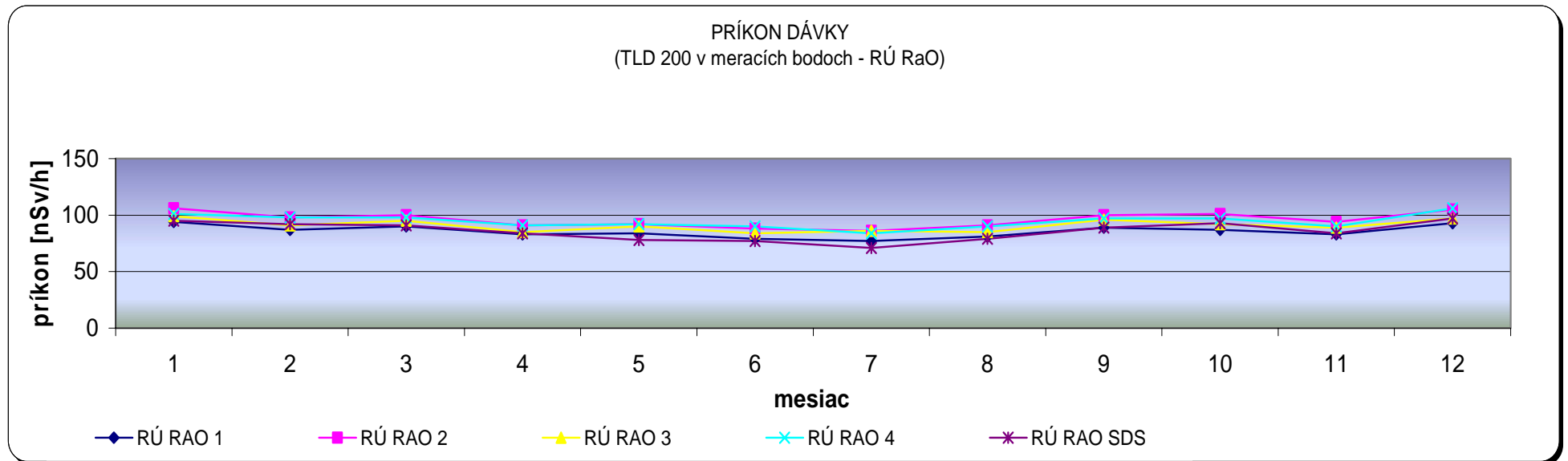
[Table 349 Dose rate at RR RAW measured by TLD 200, 2007](#)

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO
Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	94 ± 10	87 ± 9	90 ± 10	83 ± 9	84 ± 9	79 ± 9	77 ± 8	81 ± 9	89 ± 10	87 ± 9	83 ± 9	93 ± 11
RÚ RAO 2	106 ± 11	98 ± 10	100 ± 10	91 ± 10	92 ± 10	88 ± 9	86 ± 9	91 ± 9	100 ± 10	101 ± 10	94 ± 10	105 ± 12
RÚ RAO 3	99 ± 10	91 ± 10	95 ± 10	85 ± 9	90 ± 9	84 ± 9	86 ± 9	85 ± 9	96 ± 10	92 ± 10	89 ± 9	97 ± 11
RÚ RAO 4	101 ± 10	98 ± 10	98 ± 10	91 ± 10	92 ± 10	90 ± 10	84 ± 9	90 ± 9	97 ± 10	97 ± 10	90 ± 9	106 ± 12
RÚ RAO SDS	95 ± 10	92 ± 10	91 ± 10	84 ± 9	78 ± 9	77 ± 9	71 ± 8	79 ± 9	89 ± 9	93 ± 10	84 ± 9	97 ± 11
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18



[Table 350 Dose rate at RR RAW measured by TLD 200, 2008](#)

PRÍKON DÁVKY
(IK v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	72 ± 4	73 ± 3	74 ± 6	75 ± 5	74 ± 5	80 ± 4	77 ± 5	83 ± 5	77 ± 4	78 ± 5	76 ± 5	82 ± 4
RÚ RAO 2	69 ± 3	69 ± 4	71 ± 4	73 ± 4	71 ± 4	80 ± 4	74 ± 4	81 ± 5	72 ± 6	72 ± 4	73 ± 4	79 ± 6
RÚ RAO 3	64 ± 4	67 ± 3	69 ± 5	70 ± 4	71 ± 3	84 ± 4	69 ± 3	76 ± 3	71 ± 4	73 ± 5	72 ± 4	72 ± 3
RÚ RAO 4	70 ± 5	69 ± 5	74 ± 3	76 ± 5	74 ± 6	80 ± 3	73 ± 4	77 ± 3	79 ± 4	77 ± 4	75 ± 5	76 ± 3
RÚ RAO SDS	75 ± 4	72 ± 4	77 ± 10	80 ± 5	78 ± 4	80 ± 3	79 ± 6	82 ± 7	79 ± 7	77 ± 4	80 ± 5	78 ± 5
Tlak [hPa]	976	975	990	975	984	989	985	979	992	990	1000	992

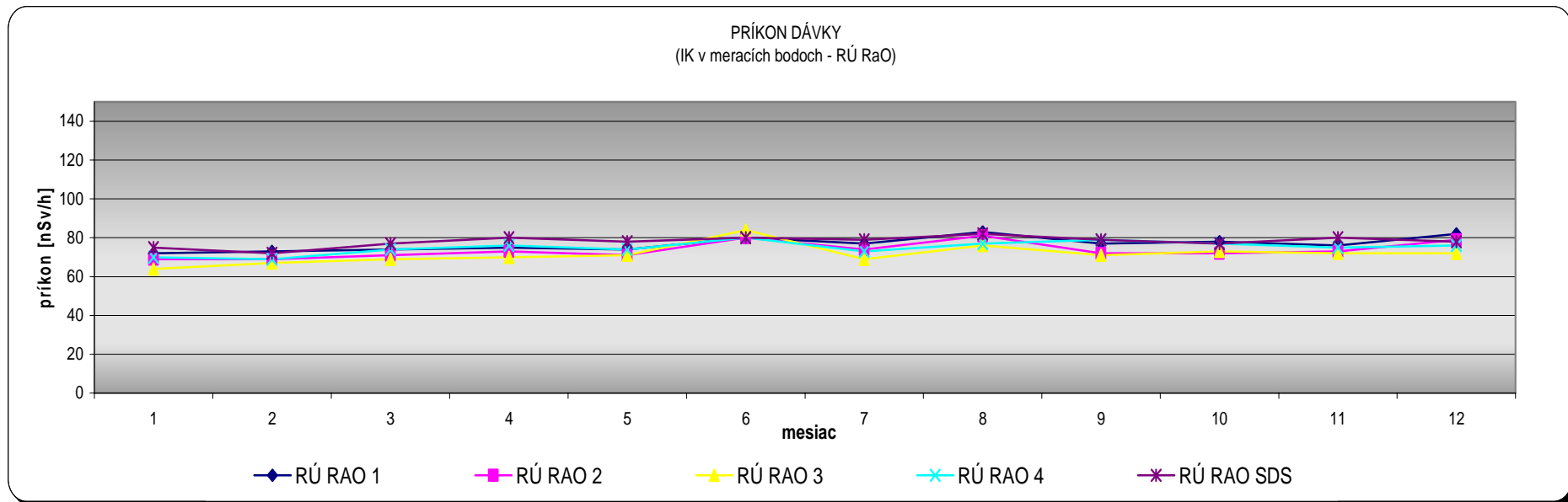


Table 351 Dose rate at RR RAW measured by IC RSS 112, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO
Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	67 ± 4	64 ± 4	77 ± 4	75 ± 4	75 ± 4	77 ± 7	78 ± 3	74 ± 5	77 ± 5	78 ± 3	85 ± 5	74 ± 5
RÚ RAO 2	66 ± 4	67 ± 5	76 ± 3	70 ± 4	71 ± 4	72 ± 3	71 ± 3	73 ± 3	76 ± 4	76 ± 4	81 ± 3	71 ± 4
RÚ RAO 3	67 ± 4	66 ± 4	74 ± 4	66 ± 4	66 ± 4	69 ± 3	68 ± 4	74 ± 4	68 ± 4	73 ± 3	80 ± 4	67 ± 3
RÚ RAO 4	73 ± 7	70 ± 5	72 ± 4	73 ± 5	72 ± 4	71 ± 4	72 ± 3	73 ± 4	75 ± 5	77 ± 3	83 ± 5	69 ± 4
RÚ RAO SDS	66 ± 5	65 ± 4	86 ± 6	82 ± 6	83 ± 5	83 ± 3	84 ± 5	83 ± 4	86 ± 6	87 ± 5	92 ± 6	80 ± 5
Tlak [hPa]	1050	985	971	981	989	990	991	987	985	978	972	1001

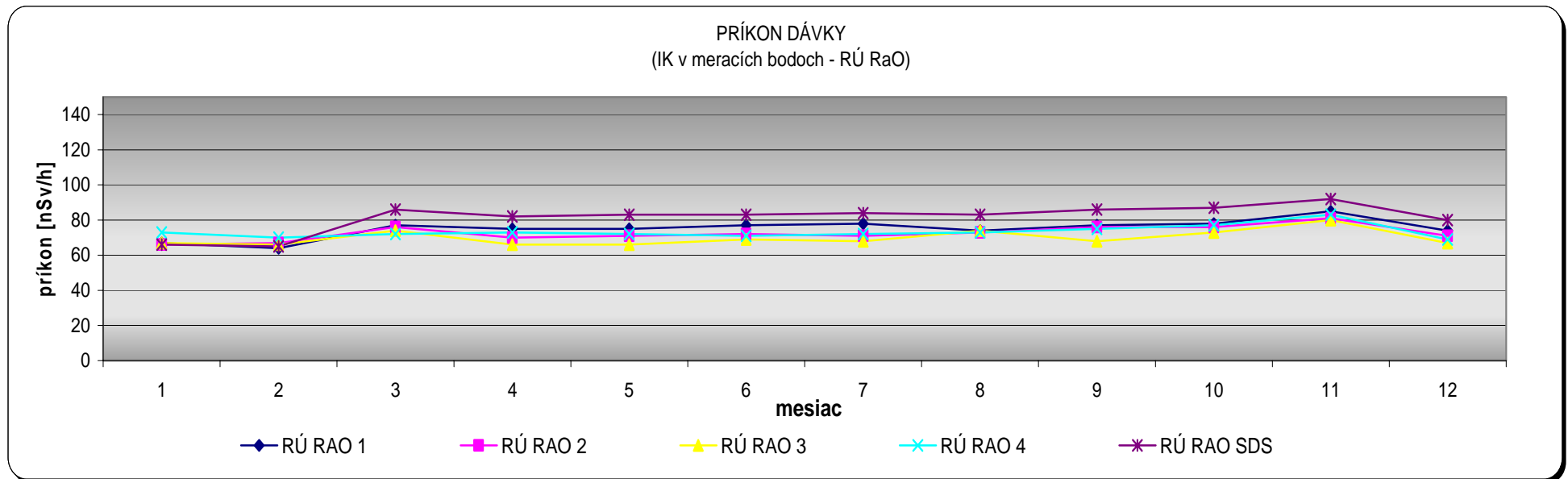


Table 352 Dose rate at RR RAW measured by IC RSS 112, 2006

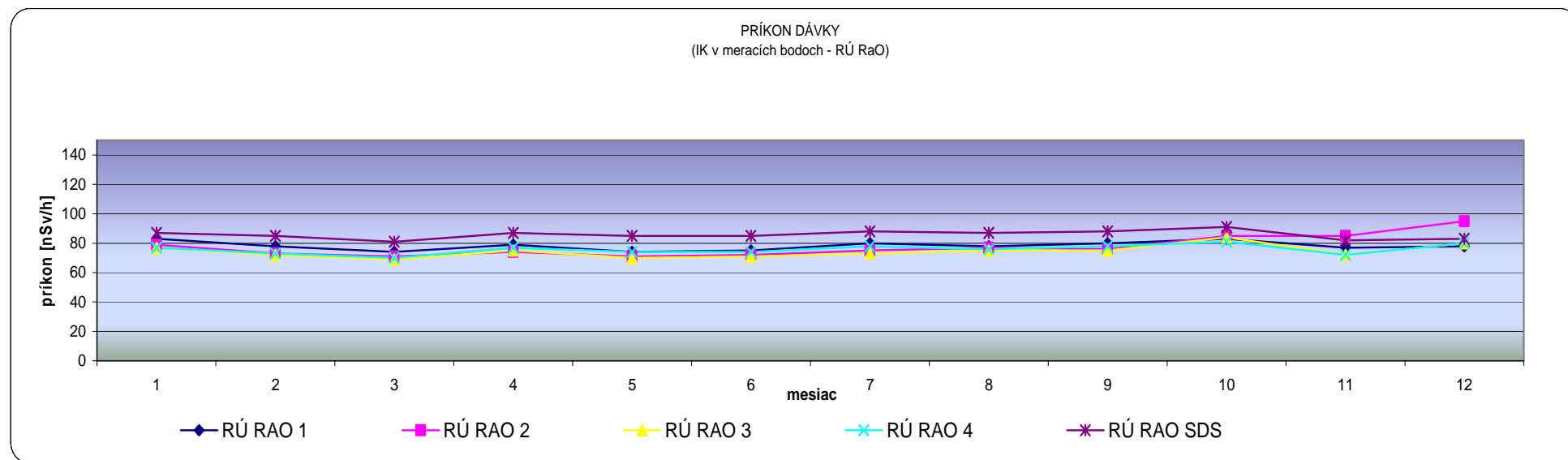
Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	83 ± 4	78 ± 5	74 ± 4	79 ± 4	74 ± 3	75 ± 4	80 ± 5	78 ± 4	80 ± 5	83 ± 5	77 ± 4	78 ± 3
RÚ RAO 2	79 ± 4	73 ± 4	71 ± 3	74 ± 4	71 ± 4	72 ± 4	75 ± 5	77 ± 4	76 ± 4	85 ± 4	85 ± 4	95 ± 3
RÚ RAO 3	77 ± 5	72 ± 4	69 ± 4	75 ± 4	70 ± 3	71 ± 3	73 ± 4	75 ± 4	75 ± 4	84 ± 5	72 ± 4	80 ± 3
RÚ RAO 4	77 ± 4	73 ± 4	70 ± 5	77 ± 4	74 ± 4	74 ± 4	78 ± 5	76 ± 4	78 ± 4	81 ± 4	72 ± 6	80 ± 3
RÚ RAO SDS	87 ± 6	85 ± 8	81 ± 4	87 ± 4	85 ± 5	85 ± 5	88 ± 5	87 ± 4	88 ± 4	91 ± 7	82 ± 4	83 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008



[Table 353 Dose rate at RR RAW measured by IK RSS 112, 2007](#)

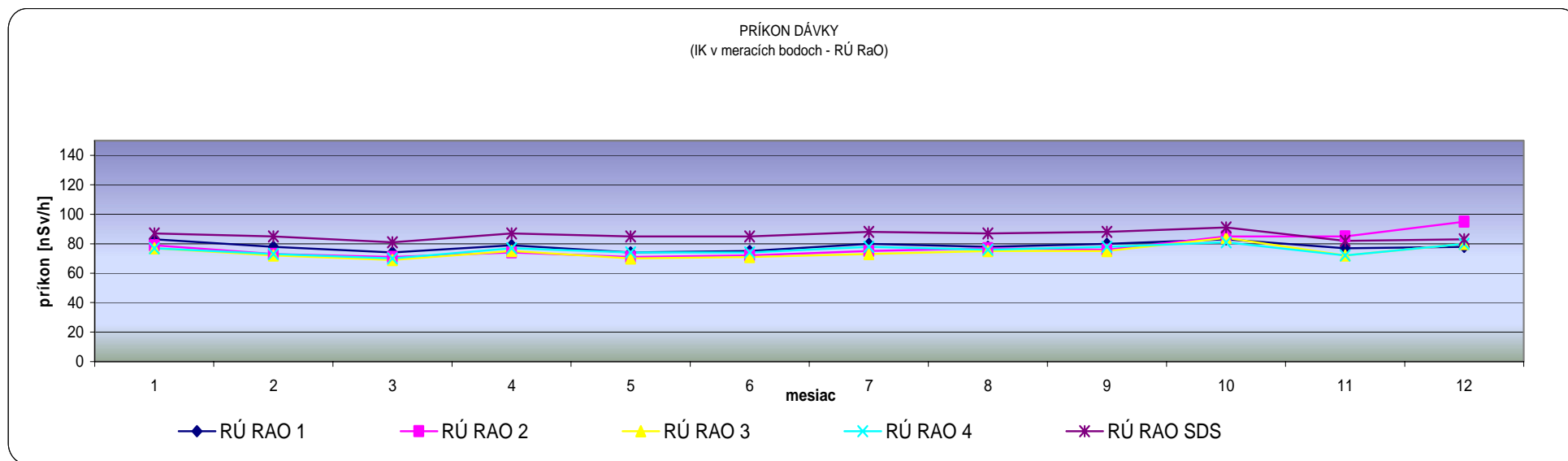
Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
Lokalita	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	83 ± 4	78 ± 5	74 ± 4	79 ± 4	74 ± 3	75 ± 4	80 ± 5	78 ± 4	80 ± 5	83 ± 5	77 ± 4	78 ± 3
RÚ RAO 2	79 ± 4	73 ± 4	71 ± 3	74 ± 4	71 ± 4	72 ± 4	75 ± 5	77 ± 4	76 ± 4	85 ± 4	85 ± 4	95 ± 3
RÚ RAO 3	77 ± 5	72 ± 4	69 ± 4	75 ± 4	70 ± 3	71 ± 3	73 ± 4	75 ± 4	75 ± 4	84 ± 5	72 ± 4	80 ± 3
RÚ RAO 4	77 ± 4	73 ± 4	70 ± 5	77 ± 4	74 ± 4	74 ± 4	78 ± 5	76 ± 4	78 ± 4	81 ± 4	72 ± 6	80 ± 3
RÚ RAO SDS	87 ± 6	85 ± 8	81 ± 4	87 ± 4	85 ± 5	85 ± 5	88 ± 5	87 ± 4	88 ± 4	91 ± 7	82 ± 4	83 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008



[Table 354 Dose rate at RR RAW measured by IC RSS 112, 2008](#)

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

AKTIVITA SPADOVLokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Lokalita \ Štvrťrok	Evidenč. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	Celk. hmotnosť spádov [g]
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	
RU RaO	1. 2005/0422	<1,07	<0,94	<11,6	52,6 ± 5,6	<2,30	<3,49	0,5181
	2. 2005/1053	<1,34	<1,28	<17,7	104 ± 9	<3,12	<4,29	0,5418
	3. 2005/1575	<1,38	<1,32	87,5 ± 8,4	109 ± 9	<2,65	<4,54	0,7719
	5. 2005/2171	<1,26	<1,18	25,7 ± 4,5	133 ± 11	5,15 ± 1,39	<4,13	0,5107

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
RU RaO	2005/422	9,5 ± 1,4	2005/1053	12,3 ± 1,7	2005/1575	25,5 ± 3,4	2005/2171	18,4 ± 2,3

Table 355 Fallout activity at RR RAW, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

AKTIVITA SPADOVLokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _c
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
RU RaO Mochovce	1. 2006/0441	<0,889	10,6 ± 2,5	85,3 ± 6,2	<2,29	<3,11	0,3585
	2. 2006/0962	<1,04	16,8 ± 2,9	225 ± 14	<2,36	<3,64	0,4543
	3. 2006/1530	<1,07	12,5 ± 2,6	145 ± 10	<2,51	<3,43	0,3408
	4. 2006/2067	<1,05	35,8 ± 4,5	64,3 ± 5,9	3,84 ± 1,14	<3,73	0,3713

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
RU RaO	2006/441	7,2 ± 1,0	2006/962	13,3 ± 1,8	2006/1530	14,8 ± 1,8	2006/2067	18,0 ± 2,2

Table 356 Fallout activity at RR RAW, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

AKTIVITA SPADOVLokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _c
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
RU RaO Mochovce	1. 2007/0477	<1,06	12,7 ± 3,0	110 ± 8	<2,70	<3,67	0,2640
	2. 2007/0920	<1,02	15,1 ± 3,4	187 ± 12	<2,55	<3,25	0,4481
	3. 2007/1475	<1,04	50,2 ± 4,8	152 ± 10	<2,61	<3,49	0,5071
	4. 2007/2047	<0,985	20,4 ± 2,9	82,7 ± 6,8	<2,79	<3,52	0,2559

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
RU RaO	2007/477	19,0 ± 2,3	2007/920	21,8 ± 2,8	2007/1475	32,9 ± 4,0	2007/2047	21,5 ± 2,4

[Table 357 Fallout activity at RR RAW, 2007](#)**Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

AKTIVITA SPADOVLokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad	M _c
		[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[Bq/m ²]	[g]
RU RaO Mochovce	1. 2008/0495	<1,16	19,5 ± 6,6	117 ± 17	<2,83	<4,03	0,4037
	2. 2008/1008	<1,22	22,1 ± 8,1	211 ± 28	<3,12	<4,28	0,3803
	3. 2008/1546	<1,12	77,6 ± 13,1	247 ± 30	<2,70	<3,86	0,4986
	4. 2008/2088	<1,22	25,8 ± 7,7	136 ± 21	<2,74	<3,72	0,2839

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]		[Bq/m ²]
RU RaO	2008/495	19,7 ± 0,8	2008/1008	22,1 ± 0,9	2008/1546	50,3 ± 1,9	2008/2088	25,4 ± 1,0

[Table 358 Fallout activity at RR RAW, 2008](#)**Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Čifáre-rybník*	1.	2005/0179	<5,33	<5,01	197 ± 22	<11,4	<18,5
	2.	2005/0727	<5,46	<5,18	200 ± 20	<12,1	<19,3
	3.	2005/1181	<5,04	<5,02	220 ± 20	<11,3	<18,0
	4.	2005/1976	<6,61	<6,36	198 ± 24	68,7 ± 8,2	<23,2
RÚ RaO-stružka*	1.	2005/0176	<5,33	<5,01	197 ± 22	<11,4	<18,5
	2.	2005/0724	<5,46	<5,18	200 ± 20	<12,1	<19,3
	3.	2005/0724	<5,04	<5,02	220 ± 20	<11,3	<18,0
	4.	2005/0724	<6,61	<6,36	198 ± 24	68,7 ± 8,2	<23,2

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity obidvoch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
ČIFARE - rybník	2005/180	12 ± 1	2005/728	8 ± 1	2005/1182	9 ± 1	2005/1977	18 ± 2
RÚ RaO - stružka	2005/177	15 ± 2	2005/725	12 ± 1	2005/1177	28 ± 3	2005/1964	29 ± 3

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	II. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	III. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm ³]
ČIFARE - rybník	2005/181	1,0 ± 0,1	2005/729	1,0 ± 0,1	2005/1183	1,0 ± 0,1	2005/1978	1,0 ± 0,1
RÚ RaO - stružka	2005/178	1,0 ± 0,1	2005/726	1,0 ± 0,1	2005/1178	1,0 ± 0,1	2005/1965	1,0 ± 0,1

Table 359 Volume activities in surface waters at RR RAW, 2005

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Čifáre /rybník/	1. 2006/0406	<6,03	265 ± 27	<13,9	<21,4
	2. 2006/0667	<5,73	217 ± 23	28,4 ± 5,4	<19,6
	3. 2006/1290	<4,98	243 ± 22	10,2 ± 3,5	<17,2
	4. 2006/1690	<4,98	281 ± 24	11,2 ± 4,0	<18,4

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Čifáre /rybník/	2006/407	14 ± 2	2006/668	17 ± 2	2006/1291	21 ± 2	2006/1691	15 ± 2

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
Čifáre /rybník/	2006/408	1,2 ± 0,2	2006/669	1,0 ± 0,1	2006/1292	1,0 ± 0,1	2006/1692	1,3 ± 0,2

Table 360 Volume activities in surface waters at RR RAW, 2006

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Čifáre /rybník/	1. 2007/0149	<5,36	229 ± 23	25,1 ± 4,6	<19,2
	2. 2007/0721	5,41 ± 0,86	221 ± 21	27,9 ± 4,9	<20,8
	3. 2007/1145	5,75 ± 1,43	301 ± 41	<11,9	<20,3
	4. 2007/1922	<5,62	203 ± 39	<11,7	<18,5

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
Čifáre /rybník/	2007/149	10 ± 1	2007/722	11 ± 2	2007/1146	6 ± 1	2007/1923	12 ± 2

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	II. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	III. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm ³]
Čifáre /rybník/	2007/150	1,1 ± 0,2	2007/723	2,4 ± 0,3	2007/1147	<1	2007/1924	<1

[Table 361 Volume activities in surface waters at RR RAW, 2007](#)

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
Čifáre /rybník/	1. 2008/0156	<5,93	226 ± 85	<11,8	<20,0
	2. 2008/0877	<6,10	219 ± 42	<14,0	<20,9
	3. 2008/1227	<5,99	239 ± 44	29,9 ± 13,8	<22,2
	4. 2008/1860	<6,12	230 ± 44	<13,8	<21,8

OBJEMOVÁ AKTIVITA ⁹⁰Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
Čifáre /rybník/	2008/157	11 ± 2	2008/878	14 ± 3	2008/1228	8 ± 2	2008/1861	14 ± 3

OBJEMOVÁ AKTIVITA ³H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
Čifáre /rybník/	2008/158	3,0 ± 0,3	2008/879	3,0 ± 0,3	2008/1229	1,9 ± 0,2	2008/1862	<1

[Table 362 Volume activities in surface waters at RR RAW, 2008](#)

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid LokalitaŠtvrťrok	Evid.číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
MON - 1A *	1. 2005/0319	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2. 2005/0834	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1399	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1810	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 2B *	1. 2005/0322	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2. 2005/0837	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1402	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1813	<5,17	<5,15	158 ± 19	<11,6	<18,3
SRK - 3 *	1. 2005/0325	**	**	**	**	**
	2. 2005/0840	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1405	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1816	<5,17	<5,15	158 ± 19	<11,6	<18,3
SRK - 2A *	1. 2005/0289	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2. 2005/0843	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1408	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1819	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 3A *	1. 2005/0292	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2. 2005/0846	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1411	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1822	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 3B *	1. 2005/0295	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2. 2005/0849	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3. 2005/1414	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4. 2005/1825	<5,17	<5,15	158 ± 19	<11,6	<18,3

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

** - porucha odberového zariadenia

Table 363 Volume activities in underground waters, 2005

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
MON - 1A *	1.	2006/0272	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0826	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1294	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1944	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 2B *	1.	2006/0166	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0829	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1297	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1947	<3,97	220 ± 18	14,7 ± 3,1	<14,0
SRK - 3 *	1.	2006/0169	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0832	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1300	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1950	<3,97	220 ± 18	14,7 ± 3,1	<14,0
SRK - 2A *	1.	2006/0172	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0835	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1303	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1953	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 3A *	1.	2006/0175	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0838	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1306	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1956	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 3B *	1.	2006/0178	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0841	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1309	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1959	<3,97	220 ± 18	14,7 ± 3,1	<14,0

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

Table 364 Volume activities in underground waters, 2006

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
MON - 1A *	1.	2007/0304	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0741	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1317	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1874	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 2B *	1.	2007/0307	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0744	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1320	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1877	1,81 ± 0,92	224 ± 29	<8,27	<13,4
SRK - 3 *	1.	2007/0310	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0747	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1323	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1880	1,81 ± 0,92	224 ± 29	<8,27	<13,4
SRK - 2A *	1.	2007/0313	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0750	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1326	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1883	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 3A *	1.	2007/0316	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0753	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1329	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1886	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 3B *	1.	2007/0319	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0756	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1332	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1889	1,81 ± 0,92	224 ± 29	<8,27	<13,4

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

[Table 365 Volume activities in underground waters, 2007](#)

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

LokalitaŠtvrťrok	Rádionuklid	Evid. číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]	[mBq/dm ³]
MON - 1A	1.	2008/0343	5,75 ± 4,08	502 ± 98	<14,9	<21,5
	2.	2008/0881	<6,59	335 ± 59	33,6 ± 13,7	<23,6
	3.	2008/1372	<5,98	404 ± 56	<16,5	<22,8
	4.	2008/1910	<7,73	326 ± 62	<18,5	<27,9
MON - 2B	1.	2008/0346	4,58 ± 2,53	563 ± 102	<12,6	<19,3
	2.	2008/0884	<6,91	705 ± 87	23,4 ± 13,6	<21,3
	3.	2008/1375	<6,15	490 ± 62	<14,4	<20,8
	4.	2008/1913	<7,88	710 ± 90	<17,7	<26,3
SRK - 3	1.	2008/0349	<5,97	104 ± 81	<11,9	<20,5
	2.	2008/0887	<6,03	211 ± 43	<14,0	<18,5
	3.	2008/1378	<5,88	117 ± 37	<13,7	<21,2
	4.	2008/1916	<6,54	192 ± 45	<14,5	<22,7
SRK - 2A	1.	2008/0352	3,93 ± 2,73	<84,6	<11,8	<19,6
	2.	2008/0890	<6,54	56,2 ± 27,5	<15,8	<23,0
	3.	2008/1381	<5,85	279 ± 47	<16,1	<19,7
	4.	2008/1919	<7,25	263 ± 51	<16,2	<23,8
MON - 3A	1.	2008/0355	4,54 ± 3,22	<83,4	25,9 ± 12,6	<20,1
	2.	2008/0893	<6,16	46,9 ± 23,2	<14,4	<22,3
	3.	2008/1384	<5,64	34,1 ± 19,0	<13,9	<21,1
	4.	2008/1922	<7,35	<66,3	<16,8	<25,5
MON - 3B	1.	2008/0358	<6,96	153 ± 100	<14,3	<23,2
	2.	2008/0896	2,22 ± 2,40	<88,2	<13,2	<20,7
	3.	2008/1387	<5,72	114 ± 34	<16,9	<20,4
	4.	2008/1925	<7,06	117 ± 39	<17,0	<26,1

[Table 366 Volume activities in underground waters, 2008](#)

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
MON - 1A	2005/320	11,0 ± 2,0	2005/835	6,0 ± 1,0	2005/1400	12,0 ± 1,0	2005/1811	11,0 ± 1,0
MON - 2B	2005/323	16,0 ± 2,0	2005/838	5,0 ± 1,0	2005/1403	10,0 ± 1,0	2005/1814	13,0 ± 2,0
SRK - 3	*	* *	2005/841	12,0 ± 1,0	2005/1406	10,0 ± 1,0	2005/1817	28,0 ± 3,0
SRK - 2A	2005/290	5,0 ± 1,0	2005/844	<4	2005/1409	5,0 ± 1,0	2005/1820	6,0 ± 1,0
MON - 3A	2005/293	<4	2005/847	7,0 ± 1,0	2005/1412	11,0 ± 1,0	2005/1823	9,0 ± 1,0
MON - 3B	2005/296	12,0 ± 2,0	2005/850	<4	2005/1415	5,0 ± 1,0	2005/1826	9,0 ± 1,0

* Porucha odberového zariadenia

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
MON - 1A	2005/321	1,0 ± 0,1	2005/836	1,0 ± 0,1	2005/1401	1,0 ± 0,1	2005/1812	1,0 ± 0,1
MON - 2B	2005/324	1,0 ± 0,1	2005/839	1,0 ± 0,1	2005/1404	1,0 ± 0,1	2005/1815	1,0 ± 0,1
SRK - 3	*	* *	2005/842	1,0 ± 0,1	2005/1407	1,0 ± 0,1	2005/1818	1,0 ± 0,1
SRK - 2A	2005/291	1,0 ± 0,1	2005/845	1,0 ± 0,1	2005/1410	1,0 ± 0,1	2005/1821	1,0 ± 0,1
MON - 3A	2005/294	1,0 ± 0,1	2005/848	2,0 ± 0,3	2005/1413	1,0 ± 0,1	2005/1824	1,0 ± 0,1
MON - 3B	2005/297	1,0 ± 0,1	2005/851	1,0 ± 0,1	2005/1416	1,0 ± 0,1	2005/1827	1,0 ± 0,1

* Porucha odberového zariadenia

Table 367 ⁹⁰Sr and ³H volume activity in underground waters – RR RAW, 2005

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
MON - 1A	2006/273	11,0 ± 1,0	2006/827	6,0 ± 1,0	2006/1295	9,0 ± 1,0	2006/1945	11,0 ± 1,0
MON - 2B	2006/167	11,0 ± 1,0	2006/830	6,0 ± 1,0	2006/1298	9,0 ± 1,0	2006/1948	11,0 ± 1,0
SRK - 3	2006/170	11,0 ± 1,0	2006/833	6,0 ± 1,0	2006/1301	9,0 ± 1,0	2006/1951	11,0 ± 1,0
SRK - 2A	2006/173	11,0 ± 1,0	2006/836	6,0 ± 1,0	2006/1304	9,0 ± 1,0	2006/1954	11,0 ± 1,0
MON - 3A	2006/176	11,0 ± 1,0	2006/839	6,0 ± 1,0	2006/1307	9,0 ± 1,0	2006/1957	11,0 ± 1,0
MON - 3B	2006/179	11,0 ± 1,0	2006/842	6,0 ± 1,0	2006/1310	9,0 ± 1,0	2006/1960	11,0 ± 1,0

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
MON - 1A	2006/274	2,3 ± 0,3	2006/828	3,2 ± 0,4	2006/1296	1,0 ± 0,1	2006/1946	5,2 ± 0,7
MON - 2B	2006/168	1,0 ± 0,1	2006/831	3,2 ± 0,4	2006/1299	1,0 ± 0,1	2006/1949	2,5 ± 0,3
SRK - 3	2006/171	1,0 ± 0,1	2006/834	1,0 ± 0,1	2006/1302	1,0 ± 0,1	2006/1952	6,4 ± 0,9
SRK - 2A	2006/174	1,0 ± 0,1	2006/837	1,0 ± 0,1	2006/1305	1,0 ± 0,1	2006/1955	5,0 ± 0,7
MON - 3A	2006/177	1,0 ± 0,1	2006/840	1,0 ± 0,1	2006/1308	1,0 ± 0,1	2006/1958	6,0 ± 0,8
MON - 3B	2006/180	1,0 ± 0,1	2006/843	1,0 ± 0,1	2006/1311	1,0 ± 0,1	2006/1961	5,1 ± 0,7

Table 368 ⁹⁰Sr and ³H volume activity in underground waters – RR RAW, 2006

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]		[mBq/dm ³]
MON - 1A	2007/304	8,0 ± 1,0	2007/742	<6	2007/1318	8,0 ± 1,0	2007/1875	9,0 ± 1,0
MON - 2B	2007/307	8,0 ± 1,0	2007/745	<6	2007/1321	8,0 ± 1,0	2007/1878	9,0 ± 1,0
SRK - 3	2007/310	8,0 ± 1,0	2007/748	<6	2007/1324	8,0 ± 1,0	2007/1881	9,0 ± 1,0
SRK - 2A	2007/313	8,0 ± 1,0	2007/751	<6	2007/1327	8,0 ± 1,0	2007/1884	9,0 ± 1,0
MON - 3A	2007/316	8,0 ± 1,0	2007/754	<6	2007/1330	8,0 ± 1,0	2007/1887	9,0 ± 1,0
MON - 3B	2007/319	8,0 ± 1,0	2007/757	<6	2007/1333	8,0 ± 1,0	2007/1890	9,0 ± 1,0

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok	Evid. číslo protokolu	II. štvrťrok	Evid. číslo protokolu	III. štvrťrok	Evid. číslo protokolu	IV. štvrťrok
		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]		[Bq/dm ³]
MON - 1A	2007/305	5,1 ± 0,7	2007/743	2,3 ± 0,3	2007/1319	<1	2007/1876	3,0 ± 0,4
MON - 2B	2007/308	6,2 ± 0,8	2007/746	1,9 ± 0,3	2007/1322	<1	2007/1879	2,8 ± 0,4
SRK - 3	2007/311	2,1 ± 0,3	2007/749	3,4 ± 0,5	2007/1325	<1	2007/1882	<1
SRK - 2A	2007/314	<1	2007/752	3,2 ± 0,4	2007/1328	<1	2007/1885	1,5 ± 0,2
MON - 3A	2007/317	<1	2007/755	1,6 ± 0,2	2007/1331	<1	2007/1888	<1
MON - 3B	2007/320	2,8 ± 0,4	2007/758	3,6 ± 0,5	2007/1334	<1	2007/1891	<1

[Table 369 Volume activities in underground waters, 2007](#)

OBJEMOVÁ AKTIVITA ⁹⁰Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	II. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	III. štvrťrok [mBq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm ³]
MON - 1A	2008/344	6,0 ± 1,0	2008/882	7,0 ± 2,0	2008/1373	11,0 ± 2,0	2008/1911	7,0 ± 2,0
MON - 2B	2008/347	6,0 ± 1,0	2008/885	7,0 ± 2,0	2008/1376	11,0 ± 2,0	2008/1914	7,0 ± 2,0
SRK - 3	2008/350	6,0 ± 1,0	2008/888	7,0 ± 2,0	2008/1379	11,0 ± 2,0	2008/1917	7,0 ± 2,0
SRK - 2A	2008/353	6,0 ± 1,0	2008/891	7,0 ± 2,0	2008/1382	11,0 ± 2,0	2008/1920	7,0 ± 2,0
MON - 3A	2008/356	6,0 ± 1,0	2008/894	7,0 ± 2,0	2008/1385	11,0 ± 2,0	2008/1923	7,0 ± 2,0
MON - 3B	2008/359	6,0 ± 1,0	2008/897	7,0 ± 2,0	2008/1388	11,0 ± 2,0	2008/1926	7,0 ± 2,0

OBJEMOVÁ AKTIVITA ³H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	II. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	III. štvrťrok [Bq/dm ³]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm ³]
MON - 1A	2008/345	2,7 ± 0,3	2008/883	2,6 ± 0,3	2008/1374	<1	2008/1912	3,0 ± 0,3
MON - 2B	2008/348	<1	2008/886	3,7 ± 0,4	2008/1377	<1	2008/1915	1,0 ± 0,1
SRK - 3	2008/351	<1	2008/889	7,0 ± 0,8	2008/1380	1,9 ± 0,2	2008/1918	<1
SRK - 2A	2008/354	<1	2008/892	5,1 ± 0,6	2008/1383	<1	2008/1921	<1
MON - 3A	2008/357	<1	2008/895	6,3 ± 0,7	2008/1386	<1	2008/1924	<1
MON - 3B	2008/360	<1	2008/898	4,1 ± 0,4	2008/1389	<1	2008/1927	<1

[Table 370 Volume activities in underground waters, 2008](#)

HMOTNOSTNÁ AKTIVITA SEDIMENTOVRÚ RaO
(gamaspektrometria)

Rádonuklid Lokalita/Štvrťrok	Evidenč. číslo protokolu	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Čifare-rybník	1. 2005/0371	<0,746	23,7 ± 1,1	605 ± 28	31,2 ± 2,1	37,8 ± 4,2
	2. 2005/0730	<0,736	23,4 ± 1,1	592 ± 28	32,0 ± 2,1	38,2 ± 3,7
	3. 2005/1179	<0,771	25,9 ± 1,2	597 ± 28	34,9 ± 2,3	39,5 ± 4,2
	4. 2005/1980	<0,934	29,5 ± 1,4	502 ± 24	28,2 ± 2,0	33,7 ± 4,0
RÚ-RaO-stružka	1. 2005/0372	<0,753	13,3 ± 0,7	509 ± 24	39,2 ± 2,6	43,0 ± 4,4
	2. 2005/0723	<0,766	13,5 ± 0,6	498 ± 24	41,0 ± 2,7	42,1 ± 4,3
	3. 2005/1175	<0,798	17,6 ± 0,8	529 ± 25	37,1 ± 2,5	42,9 ± 4,6
	4. 2005/1966	<1,27	14,8 ± 0,9	490 ± 24	34,3 ± 2,4	37,9 ± 4,9

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid	90Sr
	Evid.č.prot.	[Bq/kg]
RÚ RaO - stružka	2005/1175	1 ± 0,1
ČIFARE - rybník	2005/1179	3,6 ± 0,5

Table 371 Specific activity of sediments - RR RAW, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOVRÚ RaO
(gamaspektrometria)

Lokalita	Rádionuklid	Evid.číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Cifáre /rybník/	1.	2006/0410	29,6 ± 1,4	573 ± 27	29,1 ± 1,9	37,2 ± 3,9
	2.	2006/0666	24,9 ± 1,2	569 ± 27	32,0 ± 2,1	38,4 ± 4,0
	3.	2006/1130	28,3 ± 1,3	548 ± 26	33,2 ± 2,2	36,9 ± 3,9
	4.	2006/1689	21,4 ± 1,0	629 ± 30	39,2 ± 2,6	44,9 ± 4,7

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid	
	Evid.č.prot.	⁹⁰ Sr [Bq/kg]
Cifáre /rybník/	2006/1130	0,4 ± 0,1

Table 372 Specific activity of sediments - RR RAW, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

HMOTNOSTNÁ AKTIVITA SEDIMENTOVRÚ RaO
(gamaspektrometria)

Lokalita	Rádionuklid	Evid.číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Cifare /rybník/	1.	2007/0341	21,5 ± 1,2	562 ± 32	33,3 ± 2,7	39,7 ± 4,8
	2.	2007/0719	20,0 ± 1,0	619 ± 29	37,6 ± 2,5	44,5 ± 4,6
	3.	2007/1086	21,0 ± 1,0	617 ± 29	34,8 ± 2,3	40,9 ± 4,3
	4.	2007/1929	25,8 ± 1,2	607 ± 29	40,6 ± 2,7	43,9 ± 4,6

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid	
	Evid.č.prot.	⁹⁰ Sr [Bq/kg]
Cifare (rybník)	2007/1086	1,1 ± 0,1

Table 373 Specific activity of sediments - RR RAW, 2007

HMOTNOSTNÁ AKTIVITA SEDIMENTOVRÚ RaO
(gamaspektrometria)

Lokalita	Rádionuklid	Evid.číslo protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
Cifare /rybník/	1.	2008/0364	24,9 ± 1,9	562 ± 44	36,2 ± 3,9	40,8 ± 6,8
	2.	2008/0797	25,9 ± 2,1	600 ± 47	35,1 ± 3,9	41,1 ± 7,4
	3.	2008/1200	26,6 ± 2,0	601 ± 47	33,1 ± 3,7	41,2 ± 7,6
	4.	2008/1867	26,7 ± 2,1	615 ± 48	35,7 ± 4,0	41,9 ± 9,3

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid	
	Evid.č.prot.	⁹⁰ Sr [Bq/kg]
Cifare (rybník)	2008/1200	1,8 ± 0,3

[Table 374 Specific activity of sediments - RR RAW, 2008](#)

HMOTNOSTNÁ AKTIVITA PÔDYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monit. bod. č.	Š. r.	Ra-nuklid		⁴⁰ K	U - rad	Th - rad	
		Evid.č.prot.	¹³⁴ Cs [Bq/kg]	¹³⁷ Cs [Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1.	1.	2005/0360	<0,670	0,958 ± 0,169	467 ± 22	23,0 ± 1,6	29,0 ± 3,2
	2.	2005/0690	<0,698	5,93 ± 0,31	473 ± 22	25,9 ± 1,7	32,0 ± 3,3
	3.	2005/1395	<0,694	6,46 ± 0,37	471 ± 22	25,9 ± 1,8	32,1 ± 3,6
	4.	2005/1971	<0,734	7,01 ± 0,36	428 ± 20	28,9 ± 1,9	34,0 ± 3,9
2.	1.	2005/0361	<0,656	0,346 ± 0,148	488 ± 23	20,2 ± 1,4	26,7 ± 3,1
	2.	2005/0691	<0,720	0,379 ± 0,074	582 ± 27	22,1 ± 1,5	31,0 ± 3,3
	3.	2005/1396	<0,596	0,267 ± 0,061	513 ± 24	19,0 ± 1,3	28,5 ± 3,2
	4.	2005/1972	<0,693	0,328 ± 0,071	484 ± 23	19,7 ± 1,4	26,7 ± 3,2
3.	1.	2005/0362	<0,662	0,474 ± 0,137	470 ± 22	22,8 ± 1,5	27,7 ± 3,0
	2.	2005/0692	<0,676	0,523 ± 0,121	484 ± 23	23,3 ± 1,6	28,5 ± 3,1
	3.	2005/1397	<0,666	0,635 ± 0,131	490 ± 23	22,6 ± 1,6	30,9 ± 3,4
	4.	2005/1973	<0,562	0,587 ± 0,151	453 ± 21	22,1 ± 1,5	27,9 ± 3,0
4.	1.	2005/0363	<0,714	0,640 ± 0,153	497 ± 23	27,0 ± 1,8	34,3 ± 3,6
	2.	2005/0693	<0,728	0,865 ± 0,097	495 ± 23	29,0 ± 1,9	34,9 ± 3,7
	3.	2005/1398	<0,720	0,710 ± 0,090	510 ± 24	26,9 ± 1,8	36,1 ± 3,9
	4.	2005/1974	<0,719	0,959 ± 0,102	442 ± 21	24,1 ± 1,6	32,0 ± 3,6

*Poznámka: hĺbka odberovej vrstvy - 0-5 cm***HMOTNOSTNÁ AKTIVITA PÔDY**

Lokalita: monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid	
	Evid.č.prot.	⁹⁰ Sr [Bq/kg]
Č.1	2005/1395	1,9 ± 0,2
Č.2	2005/1396	1,4 ± 0,2
Č.3	2005/1397	2 ± 0,2
Č.4	2005/1398	1,7 ± 0,2

Table 375 Soil specific activity - RR RAW, 2005

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

HMOTNOSTNÁ AKTIVITA PÔDYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid Evid.č.protokolu	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2006/0526	9,07 ± 0,46	479 ± 22	27,9 ± 1,8	34,8 ± 3,6
	2.	2006/1558	2,74 ± 0,17	474 ± 22	24,3 ± 1,6	30,7 ± 3,4
2	1.	2006/0527	0,804 ± 0,096	553 ± 26	22,8 ± 1,6	32,2 ± 3,5
	2.	2006/1559	0,517 ± 0,160	526 ± 25	22,5 ± 1,5	28,8 ± 3,4
3	1.	2006/0528	0,602 ± 0,089	483 ± 23	25,1 ± 1,7	32,3 ± 3,6
	2.	2006/1560	0,482 ± 0,072	496 ± 23	25,3 ± 1,7	32,7 ± 3,5
4	1.	2006/0529	0,609 ± 0,090	500 ± 24	29,9 ± 2,0	37,7 ± 4,1
	2.	2006/1561	0,772 ± 0,094	505 ± 24	29,5 ± 2,0	37,2 ± 3,9

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid Evid.č.prot.	⁹⁰ Sr
		[Bq/kg]
Č.1	2006/526	1,8 ± 0,2
Č.2	2006/527	0,6 ± 0,2
Č.3	2006/528	0,9 ± 0,1
Č.4	2006/529	0,9 ± 0,1

Table 376 Soil specific activity - RR RAW, 2006

HMOTNOSTNÁ AKTIVITA PÔDYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		Evid.č.protokolu	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2007/0637	5,36 ± 0,34	469 ± 22	24,9 ± 1,7	31,9 ± 3,6
	2.	2007/1895	6,09 ± 0,31	461 ± 22	25,9 ± 1,7	31,8 ± 3,4
2	1.	2007/0638	0,635 ± 0,159	515 ± 24	20,6 ± 1,4	28,0 ± 3,1
	2.	2007/1896	<0,548	519 ± 24	20,0 ± 1,4	27,2 ± 3,1
3	1.	2007/0639	0,509 ± 0,079	450 ± 21	20,9 ± 1,5	28,1 ± 3,3
	2.	2007/1897	0,565 ± 0,083	451 ± 21	22,9 ± 1,5	29,3 ± 3,3
4	1.	2007/0640	0,825 ± 0,096	492 ± 23	27,5 ± 1,9	35,3 ± 3,8
	2.	2007/1898	0,891 ± 0,099	498 ± 23	30,0 ± 2,0	36,7 ± 3,8

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid	⁹⁰ Sr
	Evid.č.prot.	[Bq/kg]
Č.1	2007/637	1,1 ± 0,1
Č.2	2007/638	0,9 ± 0,1
Č.3	2007/639	0,7 ± 0,1
Č.4	2007/640	0,6 ± 0,1

[Table 377 Soil specific activity - RR RAW, 2007](#)

HMOTNOSTNÁ AKTIVITA PÔDYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid	¹³⁷ Cs	⁴⁰ K	U - rad	Th - rad
		Evid.č.protokolu	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2008/0636	9,38 ± 0,78	473 ± 38	28,1 ± 3,1	34,2 ± 6,5
	2.	2008/1886	4,58 ± 0,44	456 ± 36	25,6 ± 3,0	30,4 ± 6,4
2	1.	2008/0637	0,621 ± 0,166	506 ± 40	22,4 ± 2,6	29,4 ± 5,8
	2.	2008/1887	0,516 ± 0,153	501 ± 40	21,5 ± 2,4	27,7 ± 5,6
3	1.	2008/0638	0,810 ± 0,189	460 ± 37	22,0 ± 2,6	30,2 ± 6,0
	2.	2008/1888	0,751 ± 0,182	475 ± 38	24,4 ± 2,8	30,7 ± 5,8
4	1.	2008/0639	1,50 ± 0,23	492 ± 39	26,9 ± 3,0	35,7 ± 6,8
	2.	2008/1889	1,04 ± 0,21	499 ± 40	30,0 ± 3,3	36,9 ± 7,3

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO -rádiokémia

Monit. bod č.	Ra-nuklid	⁹⁰ Sr
	Evid.č.prot.	[Bq/kg]
Č.1	2008/636	1,0 ± 0,2
Č.2	2008/637	<0,5
Č.3	2008/638	<0,5
Č.4	2008/639	1,1 ± 0,2

[Table 378 Soil specific activity - RR RAW, 2008](#)**Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO**

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

HMOTNOSTNÁ AKTIVITA TRÁVYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monit. bod č.	P. r.	Rádionuklid Evid.č.pr.	¹³⁴ Cs	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1.	1.	2005/0686	<0,665	1,14 ± 0,19	707 ± 50	80,5 ± 7,7	2,83 ± 0,55	<2,40
	2.	2005/1806	<0,650	<0,677	248 ± 18	98,2 ± 7,9	1,34 ± 0,44	<2,10
2.	1.	2005/0687	<1,22	<1,25	1010 ± 70	109 ± 12	<2,34	<4,48
	2.	2005/1807	<0,873	<0,891	536 ± 38	124 ± 10	1,93 ± 0,76	<3,11
3.	1.	2005/0688	<0,990	<1,03	1110 ± 80	138 ± 12	<1,92	<3,78
	2.	2005/1808	<0,780	<0,780	185 ± 14	97,8 ± 8,6	2,16 ± 0,61	<2,67
4.	1.	2005/0689	<0,813	<0,845	751 ± 53	130 ± 12	<1,58	<3,06
	2.	2005/1809	<0,764	<0,753	139 ± 11	100 ± 9	1,56 ± 0,68	<2,72

Table 379 Grass specific activity - RR RAW, 2005

HMOTNOSTNÁ AKTIVITA TRÁVYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid Ev.č.protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2006/0659	0,354 ± 0,185	1010 ± 70	113 ± 10	<1,60	<3,63
	2.	2006/1562	0,285 ± 0,159	873 ± 61	86,9 ± 7,4	1,62 ± 0,60	<3,40
2	1.	2006/0660	<0,945	1130 ± 80	114 ± 10	<1,62	<3,25
	2.	2006/1563	<0,984	1100 ± 80	90,4 ± 8,1	3,18 ± 0,72	<3,70
3	1.	2006/0661	<0,966	1300 ± 90	127 ± 11	<1,39	<3,57
	2.	2006/1564	0,312 ± 0,186	1020 ± 70	126 ± 11	3,04 ± 0,69	<3,51
4	1.	2006/0662	<0,758	723 ± 51	64,4 ± 6,1	<1,29	<2,73
	2.	2006/1565	<0,872	543 ± 39	110 ± 9	1,97 ± 0,67	<3,17

Table 380 Grass specific activity - RR RAW, 2006

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100

HMOTNOSTNÁ AKTIVITA TRÁVYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid Ev.č.protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2007/0936	<0,961	777 ± 55	102 ± 9	<1,72	<3,49
	2.	2007/1502	<0,891	747 ± 53	119 ± 10	<1,45	<3,31
2	1.	2007/0937	<1,05	935 ± 66	133 ± 11	4,36 ± 0,94	4,55 ± 1,24
	2.	2007/1503	<0,923	764 ± 54	197 ± 15	<1,81	<3,37
3	1.	2007/0641	<1,03	1020 ± 70	119 ± 12	<1,69	<3,80
	2.	2007/1504	<0,963	877 ± 62	218 ± 17	1,32 ± 0,81	<3,44
4	1.	2007/0642	<0,917	682 ± 48	107 ± 10	<1,33	<3,37
	2.	2007/1505	<0,819	474 ± 34	145 ± 12	<1,63	<2,85

Table 381 Grass specific activity - RR RAW, 2007

HMOTNOSTNÁ AKTIVITA TRÁVYLokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid Ev.č.protokolu	¹³⁷ Cs	⁴⁰ K	⁷ Be	U - rad	Th - rad
			[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]	[Bq/kg]
1	1.	2008/0599	<0,735	674 ± 89	187 ± 28	<1,53	<2,75
	2.	2008/1587	<0,857	610 ± 81	170 ± 25	2,26 ± 1,67	<3,19
2	1.	2008/0600	<0,787	874 ± 115	165 ± 27	<1,68	<2,72
	2.	2008/1588	<0,983	788 ± 104	306 ± 43	6,02 ± 1,94	<3,33
3	1.	2008/0601	<0,831	962 ± 127	213 ± 32	<1,58	<3,08
	2.	2008/1589	<0,875	721 ± 96	302 ± 42	3,81 ± 1,53	<3,12
4	1.	2008/0602	<0,830	977 ± 129	181 ± 29	<1,59	<3,07
	2.	2008/1590	<0,775	388 ± 52	210 ± 30	1,95 ± 1,26	<2,84

Table 382 Grass specific activity - RR RAW, 2008

Správa o kontrole rádioaktivity v okolí SE-EMO – RÚ RaO

Tento materiál je duševným vlastníctvom SE, a.s. a poskytovanie údajov tretím osobám je možné len s písomným súhlasom SE, a.s. útvar 25100



July 2009

SLOVENSKÉ ELEKTRÁRNE, A.S. NUCLEAR POWER PLANT MOCHOVCE VVER 4×440 MW III CONSTRUCTION

Thematic Boxes

Submitted to:
Slovenské Elektrárne, a.s.



ANNEX 5.0

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5.1 CONSIDERATIONS ABOUT MO34 CLASSIFICATION

Mochovce 3-4 NPP is an “evolutionary design” (as defined by IAEA-TECDOC 936), like all the so-called Generation III reactors, since it is firmly based on proven and well-consolidated technology of currently-operating NPPs and, as appropriate, introduces significant safety and performance upgrades, implementing lessons learned from operating experience in order to ensure compliance with the latest international safety requirements and practices while putting a strong emphasis on maintaining proven design to minimize technological risks.

Generally Generation I plants are those developed at the dawn of the nuclear era, at the end of the '50s and at the beginning of the '60s. They had limited power output (100-300 MWe), simplified systems, no High Pressure Injection systems, no standardization, etc.

Generation II plants are those developed at the end of the '60s through the end of the '70s. They featured a much higher power output (800-1100 MWe) and a degree of standardization. The US requirements for ECCS (10CFR50 App. K) were implemented. The safety was still totally based on deterministic analysis, PSA was not considered a design tool, no evaluation and no explicit consideration of severe accidents were involved. The large majority of the operating plants comply with this general picture.

After the Three Mile Island (TMI) accident in March 1979, the Safety Authorities required a number of backfitting to existing Generation II plants and an extensive revision of safety requirements were introduced for the plants to be built. The importance of the containment system to cope with even beyond design basis accident was underlined, as shown by the TMI scenario. The analysis of severe accident scenarios and the use of PSA for new plants became more and more normal practice. A PSA has been required to all plants as a verification of the safety margins to severe accidents. The Chernobyl accident in 1986, while not affecting directly the bases of LWR's safety, further increased the attention to severe accidents, while new experiments and new computer codes allowed a more detailed and reliable assessment of severe accident prevention and mitigation scenarios.

All these considerations led at the end of the '80s and during the '90s to the development first of a set of utility requirements for a new generation of reactors (URD in the USA with participation of several other utilities and later EUR in Europe) and in parallel to the development of a set of new designs both of evolutionary and of passive natures (AP600, SBWR, EP1000, AP1000, VVER1000/92, EPR). This series of reactors are generally called Generation III plants and are currently available in the market for construction.

To complete the picture there are also the so-called Generation III+ plants or Near Term Deployment plants, which are in the pipeline of engineering and testing (no one is available yet) and will be an optimization of the existing ones and finally the Generation IV plants that will be available in the market from 2025 on.

VVER 440/213 is a reactor model that is in operation in a number of countries and in Slovakia too with very good performances and safety records. They have been backfitted according to the evolution of the technology, they have been assessed in depth by several groups of experts, including a massive work by



IAEA and OECD/NEA and a number of experiments and calculations have been carried out to prove the assumptions. All this work led to the conclusion that these plants are acceptable not only from the performance point of view, but also from the safety point of view. The European Union has not asked to any accessing country to shutdown this series of reactors.

In the case of MO34, while all the improvements implemented in plants of the same type will be obviously incorporated, the possibility exists of making further improvements during design completion and construction.

Therefore MO34 will become a kind of new generation of VVER 440/213, since it will feature for example:

- improved prevention of core melt accidents (e.g. dedicated full depressurization of the primary coolant system);
- capability to keep the corium, in case of core melt, inside the reactor vessel by external cooling, therefore greatly reducing the challenge to the containment;
- complete hydrogen management with autocatalytic recombiners and igniters, including consideration of hydrogen generated in a core melt accident;
- additional dedicated and totally independent containment spray system;
- improved redundancy and separation of safety system;
- use of PSA as a design tool;
- state of the art Instrumentation and Controls;
- improved containment leaktightness;
- compliance with IAEA requirements for new plants and WENRA;
- large compliance with EUR requirements;
- dose limits in case of accidents compatible with other new plants.

Therefore, MO34 will be finally not very different from many points of view from the modern Generation III plants, while it will capitalize the extensive operative experiences of the operation of many similar plants.

These considerations have been shared and agreed with an independent Safety Board setup by ENEL, whose six members are all well known and esteemed European experts in nuclear safety, who have played (and in some cases are playing) key roles of responsibility in Utilities, Safety Authorities, Academies of Science, International Organizations, Research Organizations and Universities.

After more than one year of activities, the Board has issued the positive statement that *“the Plant complies with the general principles of most recent international guidance, recommendations and requirements issued by international organizations. Moreover, the design has incorporated many of the principles and requirements included in the EUR’s (European Utility Requirements), which are the requirements agreed by European Utilities for the advanced Nuclear Power Plants”*.



5.2 OPERATION OF MULTIPLE UNITS

VVER-440 NPPs are designed usually as four unit plants. Each two units (1&2 and 3&4) are built as "twin units". In the case of Mochovce, all the four units are of the 213 type.

Units belonging to the "twin units" have certain common systems (fully or partially) and buildings, such as:

- demineralized water system;
- service water system;
- cooling water system;
- reserve 0.4 kV electrical bus (the units are reserve for each other);
- vent stack;
- diesel generator building;
- plant control room;
- reactor hall.

Systems common for the whole plant include:

- low pressure air supply system;
- make-up water preparation system;
- plant information centre;
- turbine hall (housing 8 turbines).

The above mentioned features determine the operational conditions of the plant. They influence also the organizational structure of the shift personnel. There are some organizational units that are common for two units or for the whole plant. Both advantages and disadvantages of this arrangement have been recognized.

Advantages

The advantages of multiple unit arrangement are both economical and safety related. The use of common systems, common organizational units, common maintenance and technical support are profitable from the economic point of view. From the operational safety point of view, the higher equipment/systems availability provided by the use of certain equipment of the other unit as a backup reserve seems to be an important advantage. For some accident management, multiple arrangement is very profitable. For instance, in the case of loss of off-site power, the probability of core damage in a multiple unit is much lower than for a one unit plant.



Likely disadvantages and their solution

Some disadvantages of multiple units arrangement may be safety related. Existing interconnections may permit an event that has occurred in one plant to be propagated to another unit (i.e. fire propagation).

Within the upgrading safety programme of EMO12 and MO34 some measures have been taken for eliminating or reducing these disadvantages. System reliability and safety studies have been undertaken to find appropriate solutions for all potential disadvantages of multiple unit arrangement. These activities concentrated on the following directions:

- Identification and elimination of the most hazardous interconnections, separation of the units;
- Reliability improvement in existing common systems;
- Installation of new common systems to increase the reliability;
- Overall plant safety improvement.

Examples of solutions that have been implemented are:

- Interconnection of the units at the 6 kV level;
- New technology for switch over from 400 kV line to 110 kV and installation of brand new electrical diagnostic system (DSE);
- For Units 3 and 4, installation of a common additional diesel generator unit (the standard configuration foresees 3 diesel generators for each Unit) that provides further electrical power supply for classified equipment required to mitigate consequences of severe accidents;
- Improvement of fire resistance in the area of the turbine hall roof support construction.



5.3 RADIATION PROTECTION AGAINST IONIZING RADIATION

Ionizing radiation

The term **radiation** is used to describe electromagnetic waves, such as light, radio waves and X-rays, and the particles emitted by radioactive materials as they disintegrate or decay to reach a non-radioactive state. These particles and the more energetic electromagnetic waves produce electrically charged particles, called **ions**, in the materials they strike. This **ionization** can result in chemical changes; in living tissue, such changes can lead to injury to the organism.

Ionizing radiations are:

- **α radiation** (the nuclei of atoms of the element helium):

these particles are easily stopped and do not penetrate the skin; radioactive materials that emit alpha radiation can only be hazardous if swallowed or inhaled into the body, or if they enter the body through a break in the skin;

- **β radiation** (electrons):

these particles have greater penetrating powers than alpha particles but are stopped by relatively thin layers of water, glass or metal; radioactive materials that emit beta radiation can also be hazardous if taken into the body;

- **γ radiation and X-rays** (electromagnetic radiations):

these electromagnetic waves can penetrate relatively large thicknesses of matter before they are absorbed, but can be screened by a sufficient thickness of lead or concrete;

- **neutrons** (neutral particles present in all atomic nuclei except hydrogen):

these particles are also very penetrating but can be screened by thick layers of concrete or water.

Natural background radiation and human-made radiation sources

Natural background radiation comes from four primary sources: cosmic radiation, solar radiation, external terrestrial sources, and radon.

Human-made radiation sources are mainly represented by medical practice (diagnostic x-rays, use of radioisotopes, etc.); nuclear reactors for power generation; fallout from nuclear weapons testing; consumer products.

Radioactive decay

An important feature of all radioactive materials is that their activity decreases with time.

Radioactive decay is the process in which an unstable atomic nucleus loses energy by emitting radiation in the form of particles or electromagnetic waves. This decay, or loss of energy, results in an atom of one type, called the parent nuclide transforming to an atom of a different type, called the daughter nuclide.



Each material is characterised by a half-life, which is the time taken for half the radioactivity to decay. In two half-lives this is reduced to a quarter of its original level, and in ten half-lives to about one thousandth.

Half-lives of radioactive materials vary from fractions of a second to millions of years. In general, the most radioactive materials - those that emit intense penetrating radiation and require heavy shielding - decay to negligible levels relatively rapidly. Long-lived radioactive materials emit very little radiation, generally with low penetrating power; the hazard from such materials is principally associated with their being taken into the body.

Quantities of radioactivity are measured in **becquerels** (Bq). One becquerel of radioactivity corresponds to a rate (on average) 1 radioactive decay per second within the material of interest.

Dose quantities

The measure unit of **absorbed dose** is the **gray** (Gy), which corresponds to the deposition, in the matter, of 1 joule of energy per kilogram of material.

The units used to measure **equivalent dose** of radiation to individuals are the **sievert** (Sv), the **millisievert** (mSv) and the **microsievert** (μ Sv).

The sievert is a measure of the biological effect of radiation in humans exposed to ionizing radiation; it takes into account the way in which a particular type of radiation distributes energy in tissue so that we can allow for its relative effectiveness to cause biological harm. For gamma rays, X rays and beta particles, this radiation weighting factor is set to at 1, so the adsorbed dose and equivalent dose are numerically equal. For alpha particles, the factor is set at 20, so that the equivalent dose is deemed to be 20 time the adsorbed dose. Values of the radiation weighting factor for neutrons of various energies range from 5 to 20.

Instead, the **effective dose** is the **equivalent dose** weighted for the different harm to different tissue (by the tissue weighting factor). In fact, the risk of the various parts of human body varies from organ to organ. So, in case of partial irradiation of human body to different type of radiation the term **equivalent effective dose** (Sv) is used to quantify the overall equivalent impact on organs and body tissues.

One millisievert is one-thousandth of a sievert and one microsievert is one-millionth of a sievert. For example, doses of tens of sieverts to small regions of the body are used in radiotherapy to destroy cancerous growths while, in radioprotection, the international dose limit is fixed in 20 mSv/y for professionally exposed workers and 1 mSv/y for public.

It is sometimes useful to have a measure of the total radiation dose to groups of people or a whole population. The quantity used to express this total is the **collective effective dose**.

It is obtained by adding, for all exposed people, the effective dose that each person in that group or population has received from the radiation source of interest. For example, the effective dose from all sources of radiation is, on average, 2.4 mSv in a year. Since the world population is about 6,000 million, the annual collective effective dose to the whole population is the products of these two numbers, about 17,000,000 *man sievert*, symbol manSv.

It is common for effective dose to be abbreviated to *dose* and collective effective dose.



Biological effects

When ionization occurs in living tissue the resulting chemical changes can affect the behaviour of cells. The critical targets are the DNA molecules. These structures, present in every cell of the body, carry the information required for the development and division of cells and for the growth, proper function and reproduction of the organism. The damage to the DNA is often repairable, but in some cases can result in cell death or transformation.

Dead cells are normally absorbed or rejected by the organism. However, if a sufficient number of cells are killed, the functioning of the organism will be affected and it may die. Cell transformations (or mutations) do not necessarily lead to any deleterious effects. Indeed, many of such cellular changes occur normally during the lifetime of any organism. Very rarely, they result in a cancer or, in the case of the reproductive cells, in hereditary damage in later generations. Thus radiation can affect both the individual receiving the dose (somatic effects) and subsequent generations (hereditary effects).

Radiation Safety and ALARA

For all human actions that add to radiation exposure, or practices, ICRP recommends a system of radiological protection based on three central requirements. Each of these involves social considerations - explicitly in the first two and implicitly in the third - so there is considerable need for the use of judgement. They are the **Justification** of a practice, the **Optimization** of protection and the application of individual **Dose limit**.

ALARA is an acronym for "As Low As Reasonably Achievable". This is a radiation safety principle for minimizing radiation doses and releases of radioactive materials by employing all reasonable methods. This policy is based on the principle that any amount of radiation exposure, no matter how small, can increase the chance of negative biological effects such as cancer, though perhaps by a negligible amount. It is also based on the principle that the probability of the occurrence of negative effects of radiation exposure increases with cumulative lifetime dose. At the same time, radiology and other practices that involve use of radiations bring benefits to population, so reducing radiation exposure can reduce the efficacy of a medical practice.

ALARA is not only a sound safety principle, but is a regulatory requirement for all radiation safety programs.



5.4 PRINCIPAL RADIOACTIVE DISCHARGE SOURCES

Operation of the NPP is typically cyclical. The reactor is designed to be run continuously for a certain period and then shut down annually, for one or two months, for routine maintenance, shuffling of fuel and partial refuelling.

Reactor Operation

Under normal operation, any leakage from, or partial failure of, the fuel cladding will lead to small amounts of fission products being released into the primary circuit. Tritium, produced in the fuel by fission, can be released through the cladding by diffusion and through any pin holes or defects. The amounts released depend on the design and quality of the fuel pins.

Small amounts of radioactive material may also be formed within the primary coolant as a result of neutron activation of fuel tubes, primary circuit and structural material surfaces.

Corrosion and erosion processes tend to release activation products from such materials into the primary coolant circuit. Tritium, generated from activation of boric acid in the primary coolant, is a particularly significant activation product. In addition, activation processes in the air surrounding the reactor pressure vessel produce small quantities of gaseous radioactive species including tritiated water vapour and noble gases.

A number of separate radioactive discharges from the reactor can be identified, concerned principally with chemical and volume control of the primary circuit coolant. Dissolved fission and activation products are removed from the coolant by an ion exchange process, which produces contaminated resins. The periodic removal and replacement of such resins generates both solid and liquid wastes. Periodically, some coolant is also discharged from the primary circuit in order to remove tritium, so that the activity concentration is maintained below a defined maximum operating limit. This discharge from the primary circuit also gives rise to a liquid waste stream.

Gases that grow up in the primary circuit during operation must be removed. This results in a gaseous waste stream. Atmospheric releases may also derive from the ventilation of fugitive emissions of primary circuit coolant through minor leakage. Such releases typically comprise tritiated water vapour, noble gases, aerosols and other vapours.

Estimates of the quantities of radioactivity present in the primary circuit coolant and the various waste streams have been made as part of the design basis of the reactor, using conservative assumptions. These estimates, together with consideration of the potential health impacts of any radioactive release, form a general basis for establishing operational limits in respect of emissions and waste management requirements. Information on discharges arising from normal operation, based on operating experience of other VVER-440 type reactors, illustrates that reactor operation can readily meet such discharge limits.

Indeed, in practice, plant performance against operational limits is routinely monitored by the regulatory authorities.



Refuelling and maintenance

At annual shut down, the cooling systems are depressurised, the primary circuit pressure vessel head removed, and one third of the fuel assemblies removed and transferred to a storage pond adjacent to the pressure vessel. The remaining two thirds are then rearranged to maintain optimum power densities and new fuel is inserted in the core. Typically, therefore, after the initial start-up period, each fuel assembly will remain in the reactor for three years.

In addition to the spent fuel, refuelling operations may give rise to active liquid effluents and atmospheric discharges that are of a similar nature to those derived from the primary circuit coolant during normal operation.

Repair and maintenance activities undertaken during shut-down also give rise to various contaminated solid wastes, caused by contact with activation products or by contact with contamination from the reactor primary circuit. Certain components, activated by neutron irradiation, may also be replaced, giving rise to solid wastes.

Classification of the sources of emissions

Activity sources within a nuclear reactor are generally classified as one of the following:

- fission products;
- corrosion products;
- activation products and actinides.

Fission products

Fission products are formed from nuclear fissions of atoms within the Uranium dioxide fuel. They comprise nearly 200 radioisotopes of some 40 different chemical elements (atomic numbers 30÷66) with diverse chemical and physical properties. Some are gases (e.g. the noble gases Krypton and Xenon), others are quite volatile at reactor temperature (such as Caesium and Iodine), and some are refractory metals (such as the Lanthanides). Cesium-137 is one of the most well-known fission products.

A considerable proportion of the fission product inventory is too short-lived to be of any environmental significance; these radionuclides decay rapidly before they are able to reach the environment in any significant quantity.

A series of barriers prevent release of fission products into the primary coolant. These include the fuel matrix itself, which serves to contain the majority of non-volatile fission products under normal operation. The volatile fission products tend to migrate through the fuel matrix and accumulate at the grain boundaries and its gaps within the fuel pin. The fuel cladding is designed to contain the volatile fission products within the fuel pin and to prevent contact between fuel and primary coolant.

Only gaseous fission product and the most volatile elements escape from the fuel matrix in any significant quantities and accumulate in the fuel pin gaps. The fuel cladding normally contains these radionuclides; however, some pins may develop small cladding defects as a result of mechanical or thermal stresses,



corrosion or other causes. This can result in escape of some of the more volatile fission products into the primary coolant. Gross failure of cladding is also possible, but activity monitoring of the primary coolant ensures that these failed pins are detected and can be removed from the reactor.

Activation and corrosion products

The neutron flux in the reactor core results in activation of stable isotopes in various materials, including those found in the fuel cladding, structural components, coolant water and dissolved ions, dissolved air, and air in gaps in the reactor shaft. The active isotopes may be created by simple neutron capture or by secondary processes, such as neutron capture followed by α -decay. Some activation products are very short-lived and are not significant for environmental impact assessment or waste management; however, they may have implications for shielding in the reactor hall as a result of their penetrating γ rays.

Activation of materials used for structural components and fuel cladding, and the subsequent corrosion or erosion of these materials, can lead to the presence of radionuclides in the coolant in either soluble or particulate form. However, the chemical properties of the primary coolant are controlled to minimise corrosion. This entails routine monitoring of a wide range of parameters, including pH, conductivity, transparency, boric acid concentration, Potassium and Sodium concentrations, dissolved gases, Fluoride and Chloride concentrations and oil content.

The activation products in the coolant can be soluble or insoluble, and they are transported by water to all parts of the primary system. This presents problems with regard to accessibility and safe maintenance of various components because of radiation fields. Among those activated corrosion products, the γ -emitting activities (Co-60, Co-58, Zn-65, Mn-65 and Fe-59) are more important in creating the radiation field problems. The longer-lived species (Fe-55, Ni-63 and Co-60) are of more concern with the problems in the radioactive waste handling and disposal.

Activation of Boron dissolved in the primary coolant leads to the formation of Tritium. Although with a low radiotoxicity, Tritium is potentially significant from a radiological point of view because of its chemical behaviour as Hydrogen, which means that it readily forms water molecules where it is chemically indistinguishable and therefore extremely difficult to separate from 'normal water'. Tritium, in the form of tritiated water, is highly mobile in the environment and in living tissue. Its half-life is approximately 12 years; it will therefore always be present in the coolant in quantities determined by the power history of the reactor and the coolant replenishment cycle. This is the most significant source of Tritium; other sources, such as its formation as a ternary fission product or by activation of Boron carbide used in the control rods, require failure in the cladding of the fuel rod or control rod respectively in order to let Tritium reaching the primary circuit.

Instead of undergoing nuclear fission, Uranium in the reactor fuel may absorb neutrons to form actinides such as Plutonium; these can reach the coolant by slowly leaching from exposed fuel if a breach in the cladding occurs.

The most radiologically important radionuclide arising from neutron activation of air in the pressure vessel shaft is Ar-41, produced by activation of Ar-40. This is discharged via the hermetic zone ventilation system through Iodine and aerosol



filters to the stack. Decay tanks at the gas cleaning station are used to allow the Ar-41 (half-life 1.8 hours) to decay before final discharge. N-16 is produced by nuclear reactions of the Oxygen in the primary coolant water. Although it has a short half-life (seven seconds) it is transported around the reactor coolant circuit to the heat exchangers. It is unlikely to represent a health hazard unless released under accident conditions. However it does produce very high energy gamma rays which are very penetrating and which require adequate shielding.



5.5 PRINCIPLES OF MICROMETEOROLOGY AND DISPERSION MODEL

Micrometeorology

Meteorology is fundamental for the dispersion of pollutants as it is the primary factor determining the diluting effect of the atmosphere. Contaminants discharged into the air are transported over long distances by large-scale air-flows and dispersed by small-scale air-flows or turbulence, which mix contaminants with clean air.

The main parameters that characterizes local climate (micrometeorology) and affects air quality are represented by temperature, relative humidity, wind speed and direction, pressure, precipitation and solar radiation. The meteorological data set is derived from observation of the main parameters at the next surface station and from data that has to be inferred from other measurements as the atmospheric stability and the mixing height.

Atmospheric stability is a measure of the propensity for vertical motion and hence is an important indicator of the likely magnitude of pollutant dispersion.

Mixing Height or Mixing Depth is used to quantify the vertical height of mixing in the atmosphere. It is the height at which vertical mixing takes place. Forecasting of mixing height is done with the aid of the vertical temperature profile. A radiosonde is sent aloft and temperatures at various altitudes are radioed back. The altitude at which the dry adiabatic line intersects the radiosonde measurements is taken as the maximum mixing depth (MMD). The dry adiabatic line is defined as a decrease of about 1 centigrade over height of 100 m. The MMD is a function of Stability. In Unstable air the MMD is higher and in Stable air the MMD is lower.

Atmospheric stability and mixing height of the boundary layer are also required as extremely important issue in reference to air quality. We can tell how pollutant emissions are likely to disperse and what the likely ground level concentration patterns will be if we know how stable (or unstable) the atmosphere is at a given time. The stability of the atmosphere often dictates the behaviour of a plume in terms of the height it will rise and to what degree it will mix into the environment.

The oldest and, for a great many years, the most commonly used method of categorizing the amount of atmospheric turbulence present was the method developed by Pasquill in 1961, and later modified by Gifford.

Pasquill categorized the atmospheric turbulence into six stability classes named A, B, C, D, E and F with class A being the most unstable or most turbulent class, and class F the most stable or least turbulent class:

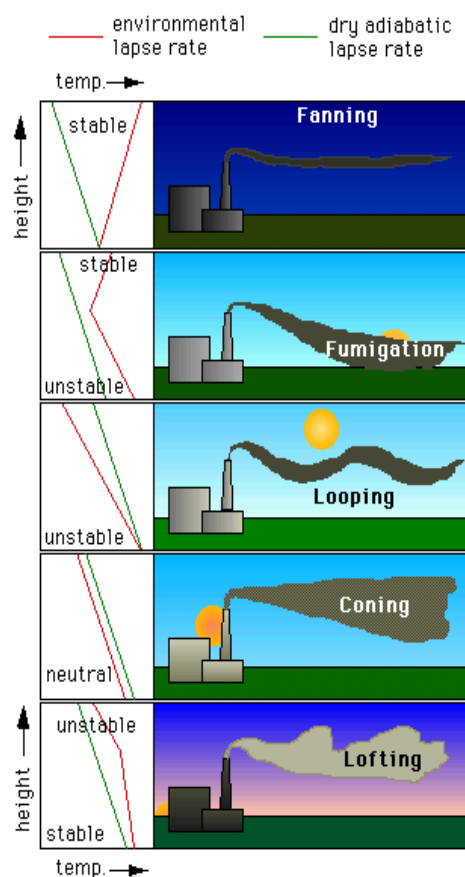
Unstable conditions promote the rapid dispersion of atmospheric contaminants and result in lower air concentrations compared with stable conditions.



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P-G STABILITY CLASS	CONDITION	TIME of DAY
A	extremely unstable	day
B	moderately unstable	day
C	slightly unstable	day
D	neutral	day or night
E	stable	night
F	very stable	night

A plume released into an unstable atmosphere will display a looping pattern. Looping occurs when updrafts from warming air at the surface carry a segment of the plume upward while compensating downdrafts force the adjacent section downward. Coning occurs when a plume is released in the middle of a neutral layer. In addition to early evening, as the graphic illustrates, coning is common on over cast days and at night with the presence of strong winds. A stable atmosphere, commonly marked by an inversion on clear nights, yields a fanning pattern. A plume released into a stable atmosphere will not rise or mix unless it encounters turbulence. A fanning plume will often extend long distances downwind from the source.





Looping, coning, and fanning are characteristic of the more persistent conditions of stability, and for this reason, are observed for longer durations over a 24 - hour day. Fumigation and lofting, however, frequently characterize the transition periods between day and night and seldom last for more than a couple of hours. Fumigation occurs in the morning hours as the night-time inversion gradually disappears due to surface heating. As the surface heats, the air just above it warms. An unstable layer builds from the surface upward but remains capped by the inversion above. A plume released beneath the inversion is trapped near the surface until the inversion eventually disappears and is replaced by an unstable layer. Conversely, lofting occurs in the evening as soon as surface heating ceases and radiational cooling begins.

The behaviour of pollutants in the air is not only affected by the stability of the atmosphere. They are also affected by the direction the wind is coming from and the intensity at which it blows. Drafts caused by thermal and mechanical effects will blow the polluted air in that direction. All of these factors work together, and it is this motion that can be either stifled or accentuated by the stability of the air.

Atmospheric dispersion model

There is no complete theory that describes the relationship between ambient concentrations of air pollutants and the causative meteorological factors and processes. The dispersion by the wind is a very complex process due to the presence of different sized eddies in atmospheric flow.

Atmospheric dispersion modelling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. It is performed with computer programs that solve the mathematical equations and algorithms which simulate the pollutant dispersion. The dispersion models are used to estimate or to predict the downwind concentration of air pollutants emitted from sources such as industrial plants.

The dispersion models require the input of data which includes:

- Meteorological conditions such as wind speed and direction, the amount of atmospheric turbulence (as characterised by what is called the "stability class"), the ambient air temperature and the height to the bottom of any inversion aloft that may be present.
- Emissions parameters such as source location and height, source vent stack diameter and exit velocity, exit temperature and mass flow rate.
- Terrain elevations at the source location and at the receptor location.
- The location, height and width of any obstructions (such as buildings or other structures) in the path of the emitted gaseous plume.

The process of air pollution modelling contains 4 stages (data input, dispersion calculations, deriving concentrations and analysis). The accuracy and uncertainty of each stage must be known and evaluated to ensure a reliable assessment of significance of any potential adverse effects.

Currently, the most commonly used dispersion models are steady-state Gaussian plume models. These are based on mathematical approximation of plume behaviour and are the easiest models to use. They incorporate a



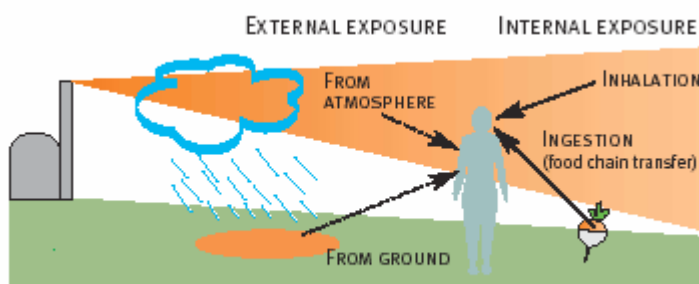
ANNEX - THEMATIC BOXES

simplistic description of the dispersion process and some fundamental assumptions are made that may not accurately reflect reality. However, even with these limitations, this type of model can provide reasonable results when used appropriately.



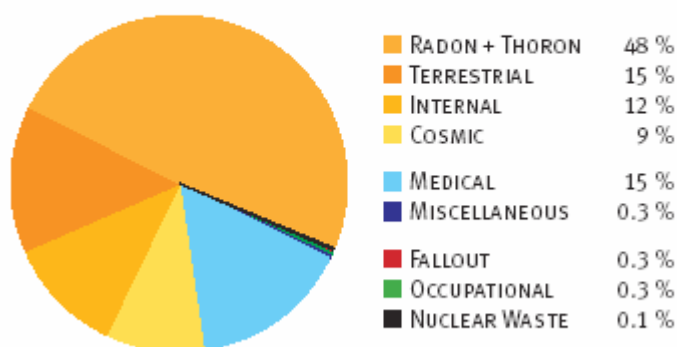
5.6 RADIOECOLOGY

Radioecology is a scientific discipline which studies how radioactive substances interact with nature; how different mechanisms affect the substances' migration and uptake in food chain and ecosystems. Investigations in radioecology might include aspects of field sampling, designed field and laboratory experiments and the development of predictive simulation models. This multi- and interdisciplinary science combines techniques from some of the more basic, traditional fields, such as physics, chemistry, mathematics, biology, and ecology, with applied concepts in radiation protection. Radioecological studies form the basis for estimating doses and assessing the consequences of radioactive pollution for human health and the environment.



The interest in radioecology increased after the Chernobyl accident in 1986 when large parts of Europe were contaminated with radioactive fallout. Areas, which received most deposition, were areas with heavy rainfall the period when the radioactive plume passed by. The measurement techniques (link) used to detect the radioactive substances are highly sensitive and today, almost 20 years later, it is still possible to detect the fallout. Other sources to artificial radioactivity in the environment are global fallout from nuclear weapons testing in the atmosphere in the 1950's and 60's, routine discharges from nuclear installations like the reprocessing facilities and possible leakage of radioactivity from sunken nuclear-powered submarines. It is necessary to underline that the average exposure to artificial radiation (excluding medical practice) is less than one percent of the total amount.

**AVERAGE RADIATION EXPOSURE OF THE EC-POPULATION
(NATURAL AND ARTIFICIAL)**





Radionuclide tracers enabled a whole new field of research on the critical pathways of movement of pollutants in the environment and their potential for food chain discrimination or bioaccumulation in successively higher trophic levels. Sophisticated mathematical equations were developed which permitted calculation of the time dynamic (transient behaviour) of wholebody concentrations and equilibrium whole-body burdens from both acute and chronic ingestion.

Food chains inherently neither concentrate nor dilute pollutants, but this phenomenon continues to be misunderstood in the public's perception of the behaviour of hazardous materials in the environment. Food chain models have had important application in developing regulatory standards for environmental exposures (ingestion) and in developing risk analysis for hazardous releases.



5.7 CODE RDEMO©

For the estimation of the radiological consequences from discharged radioactive substances (to the atmosphere by ventilation stacks and to the hydrosphere – surface water, i.e. to river Hron) during normal and abnormal operation, the computing programme system RDEMO© was used.

The RDEMO© is one of group of four codes. RDETE, RDEDU, RDEBO, RDEMO. The first two are in use in Czech Republic (Temelin and Dukovany respectively).

The validation was performed on the basis of comparative analyses for reference tasks developed by Expert Commission No. 6 of SÚJB ČR in Prague for computing dispersion of radioactive materials. The comparative analyses are obligatory for programmes used in the ČR for this area. Conclusions are valid for all computing programmes RDxxx, because all the systems (RDEBO, RDEMO, RDEDU and EDETE) come out from uniform methodology and computing modules use the same algorithms and programme tools.

Moreover, the code RDEMO© has been validated also by comparison with the code NRCDOSE on November 2007. Both codes were used with the same input data for Mochovce NPP and surrounding area. Results of the comparison were in close agreement. Validation was performed by an independent organization and the validation protocol is given in Annex V.

Health Safety Slovak Authority gave permission to SE a.s. for using the code RDEMO© in its permission No. OOPZ/6274/2006 from 2nd November 2006.

Program set RDEMO© includes programs for preparation of input data files, calculation programs and programs for graphic and printed outputs with individual programs following from each other (outputs from one program form inputs for the following program).

Program enables calculation of annual individual effective and equivalent doses or 50(70)-year doses of collective effective and equivalent doses for six age categories (0 – 1, 1 – 2, 2 – 7, 7 – 12, 12 – 17, more than 17 years) for six body organs (gonads, bone marrow, lungs, thyroid gland, alimentary tract and skin) and for the whole body, for ten radiation routes:

- external exposure from the atmosphere from the plume and deposit,
- external exposure from the hydrosphere from bathing, sailing and from staying on sediments and on irrigated soils,
- internal exposure from inhalation,
- internal exposure from ingestion of food contaminated by atmospheric fallout (food chains: meat (beef, pork and poultry), milk, cereals, vegetables (green-stuff, root crop and potato), fruit and other crops (eggs, sugar, beer, oil crops),
- internal exposure from the hydrosphere - ingestion of drinking water, fish and food contaminated by irrigation.

Program also counts 50(70)-year bonds of collective effective doses for all zones – regional doses.



Program determines the critical population group (critical zone), critical radiation route and critical radio nuclides for individual radiation routes and total for atmosphere and hydrosphere including contributions by individual radio nuclides.

The area with 60km radius from Mochovce NPP is divided into 192 zones (0 – 1, 1 – 2, 2 – 3, 3 – 5, 5 – 7, 7 – 10, 10 – 15, 15 – 20, 20 – 30, 30 – 40, 40 – 50, 50 – 60km; direction N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW).

Programme RDEMO© is notably designed for evaluation of normal operation of NPP impact on the environment, but its use is also suitable for accident assessment of releases to the hydrosphere and assessment of radiological consequences in the intermediate and late phase of the accident.

NRCDOSE is a nuclear industry standard for calculation of inhabitant doses from routine radioactive releases from NPP operation.

NRCDOSE is a Microsoft Windows™ PC-based software which provides an interface for the industry standard LADTAP II, GASPAR II, and XOQDOQ programs. It is essentially a Windows™ version of NRC's 10CFR50, Appendix I Implementation codes. These codes implement NRC's current requirements for ALARA for radioactive effluents from nuclear power plants.

LADTAP II, GASPAR II, and XOQDOQ were originally written for mainframe computers, using the FORTRAN programming language. While still utilizing the proven FORTRAN computational modules, NRCDOSE allows the user to enter and retrieve data through a series of windows dialogs, making the use of the program much more user-friendly and efficient than its original design. This graphical interface also allows the user to create sets of data that can be named and retrieved at a later time for review or modification.

- LADTAP - Liquid Pathway Dose Modeling:
 - Regulatory Guide 1.109;
 - Fish and Invertebrate Ingestion;
 - Drinking Water;
 - Irrigated Crops;
 - Shoreline and Boating;
 - Recreational and Population Doses;
 - ALARA Cost-Benefit Evaluation;
- GASPAR - Gaseous Pathway Dose Modeling:Regulatory Guide 1.109;
 - Noble Gas Direct Exposure;
 - Inhalation Pathway;
 - Infant Milk Ingestion;
 - Deposition and Food Ingestion;
 - Individual and Population Doses;



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- ALARA Cost-Benefit Evaluation;
- XOQDOQ - Atmospheric Dispersion Modeling:
 - Regulatory Guide 1.111;
 - X/Q, Annual Average Dispersion;
 - D/Q, Particulate and Radioiodine Deposition;
 - Intermittant releases - containment purge, decay tank releases;
 - Output formatted for direct input to GASPAR;



5.8 SAFETY ASSESSMENT RELATED TO ACCIDENTAL CONDITIONS

The safety evaluation of Mochovce NPP was performed on the basis of a structured approach, which is fully in line with both the IAEA fundamental principles and Western requirements and practices.

IAEA (Safety of Nuclear Power Plants: Design, Safety Standards Series No. NS-R-1, Vienna, 2000) states that *“A safety analysis of the plant design shall be conducted in which methods of both deterministic and probabilistic analysis shall be applied. On the basis of this analysis, the design basis for items important to safety shall be established and confirmed. It shall also be demonstrated that the plant as designed is capable of meeting any prescribed limits for radioactive releases and acceptable limits for potential radiation doses for each category of plant states, and that defence in depth has been effected.”*

The safety philosophy which is considered in the design and in the safety evaluation of the plant is aimed primarily at the prevention of accidents but also gives attention to the mitigation of the consequences of accidents that could give rise to major releases. The aim is to reduce both the probability of the events and their associated off-site consequences in order to avoid the need of extensive countermeasures and to offer the authorities the possibility of simplifying the offsite emergency planning.

For this purpose, the “defence-in-depth” concept is generally referred to, thus representing the basic framework for most of nuclear installation safety. To compensate for potential human and mechanical failures, the defence-in-depth concept is centred on several levels of protection, foreseeing successive barriers preventing the release of radioactive material to the environment. The concept includes protection of the barriers by averting damage to the installation and to the barriers themselves. It includes further measures to protect the public and the environment from harm in case these barriers are not fully effective. Defence in depth helps establish that the three basic safety functions (controlling the power, cooling the fuel and confining the radioactive material) are preserved, and that radioactive materials do not reach people or the environment.



Strategy	Accident prevention			Accident mitigation		
Events	Normal operation	Anticipated operational occurrences	Design basis and complex operating events	Severe accidents beyond the design basis		
Control	Normal operating activities		Control of accidents in design basis	Accident management		
Procedures	Normal operating Procedures		Emergency operating procedures	Ultimate part of emergency operating procedures		
Response	Normal operating systems		Engineered safety features	Special design features	Off-site emergency preparation	
Conditions of barriers	Area of specified acceptable fuel design limit	Fuel failure	Severe fuel damage	Fuel melt	Uncontrolled fuel melt	Loss of confinement

FIG. 1. Overview of defence in depth.

The assessment of the level of nuclear safety reached in a nuclear plant, and of the extent to which the defence-in-depth concept is implemented in the plant design, can be carried out both by deterministic and probabilistic analyses. The two approaches, nowadays generally combined, are briefly illustrated in the following.

Deterministic approach

In order to provide a robust demonstration of the fault tolerance of the plant and the effectiveness of its safety systems, in line with international practice, a deterministic analysis of the capabilities of the plant to cope with a representative, predetermined set of fault conditions is required. Suitable assessment tools are required (e.g., tests, calculations by validated computer codes or engineering analysis), and the overall approach is conservative, i.e., foresees the inclusion of suitable safety margins to take into account possible unfavourable combinations of failures which worsen the scenarios initially considered. The abnormal/accidental scenarios considered are classified in terms of their estimated frequency of occurrence, and acceptance criteria are ultimately expressed in terms of corresponding fission product release limits. Clearly, the design of the plant has to be such that the higher the frequency associated with an accident, the lower its radiological consequences.

However, the safety analysis generally incorporates both deterministic and probabilistic approaches. These approaches have been shown to complement each other and both are currently used in the decision making process on the safety and ability of the plant to be licensed.

Probabilistic approach

The probabilistic approach (typically referred to as Probabilistic Safety Assessment, or PSA) differs from deterministic safety analysis in that it provides a methodological approach to identifying accident sequences that can follow



from a broad range of initiating events, and it includes the systematic and realistic determination of accident frequencies and consequences. A major advantage of PSA is that it allows for the quantification of uncertainties in safety assessments together with the quantification of expert opinion and judgement. Finally, PSA has been shown to provide important safety insights in addition to those provided by deterministic analysis. It is generally recognised that the primary objective of PSA studies is to evaluate the robustness of the actual safety status of a plant, and to identify priorities in safety upgrading measures.

In international practice, three levels of PSA have evolved:

- **Level 1:** The assessment of plant failures leading to the determination of core damage frequency.
- **Level 2:** The assessment of containment response leading, together with Level 1 results, to the determination of containment large early release frequencies.
- **Level 3:** The assessment of off-site consequences leading, together with the results of Level 2 analysis, to estimates of public risks.

The PSA determines all significant contributors to risk from the plant and evaluates the extent to which the design of the overall system configuration is well balanced, there are no risk outliers and the design meets basic probabilistic targets. For instance, considering the Level 1 PSA, the probabilistic target refers to the frequency of occurrence of core damage, as indicator of the effectiveness of the safety measures defined in the plant design for core damage prevention. In general, for a plant it is requested that all the combinations of equipment failures, human errors, human-induced events and natural events which, according to deterministic analyses, lead to core damage, have a sufficiently-low frequency of occurrence. It is recommended by IAEA that the sum of the frequencies of occurrence of all the sequences leading to core damage (in all plant states) be less than once in 10^4 years for operating plants (like EMO12) and once in 10^5 years for new plants (as MO34).

It is important to remark that the deterministic and the probabilistic approaches have both been considered in the design of EMO12: on the basis of a large amount of deterministic analyses, a Level 1 PSA has been prepared, with results in full compliance with the IAEA recommendations mentioned above. The same approach has been followed for MO34, for which a preliminary version of the Safety Analysis Report (PRESAR) and of the Level 1 PSA have been developed.



5.9 CODE RTARC©

The computing programme RTARC© (Real Time Accident Release Consequence) is used for analyses of radiological consequences of accident releases to the atmosphere. The code is designed notably for the estimation of the radiological situation during the early phase of an accident, i.e. for the period from the time when the potential for off-site exposure of the public is recognized to the time when significant amounts of radioactive material are released, but for later times too.

The code allows for inclusion in calculations on-line measurements from teledosimetric system (TDS) and measurements of mobile groups on source term reconstruction, but it can also be used in the event of a non-functional TDS. The data from TDS is then replaced with manually entered data on the meteorological situation. It comprises a package of programs and input databases.

RTARC© principal tasks include:

- forecast of concentrations, dose rates, and effective and equivalent doses;
- update and representation of the radiation situation course in graphic or tabular form;
- identification and representation of hazard zones calling for taking actions;
- identification and representation of hazard zones on taking protective actions;
- calculation and representation of trajectories or radioactive plume trace in changing meteorological conditions.

The programme is a standard component of tools for management and assessment of radiological accidents in the operational NPPs in SR and Czech Republic. The code calculations include atmospheric transport and diffusion, dose assessment, evaluation and display of the affected zones, evaluation of specific activity and deposition as well as dose rate in the air in selected area. The code RTARC© include prognosis of concentrations, dose rate, effective doses and equivalent doses for thyroid and/or for bone marrow for two age groups: adults and children to one year.

The databases and input data needed for calculations are: data characterizing radionuclides (dose factors, half-time constants...), source terms characterizing release of radioactive materials (RM) to the atmosphere for selected accident, meteorological data and data about the countermeasures. The independent simulation of the urgent protective measures is involved – sheltering and iodine prophylaxis.

For internal exposure committed dose conversion factors for adults and infants are considered. Calculations of dispersion of RM in the atmosphere in the RTARC© programme are based to the Gaussian plume diffusion model:

$$X(x, y, z) = Q_R (2\pi \sigma_y \sigma_z u_i)^{-1} \exp(-y^2/2\sigma_y^2) S(h_i, x, z)$$

$$\text{kde } S(h_i, x, z) = \exp[-(z + h_i)^2/2\sigma_z^2] + \exp[-(z - h_i)^2/2\sigma_z^2]$$



The physical processes which are to be considered in the prediction of doses to local groups from effluents released to the atmosphere are:

- dispersion by turbulent diffusion and the mean wind speed; vertical and horizontal standard deviations $\sigma_y(x)$ and $\sigma_z(x)$ correspond with the parameterization of Hosker;
- dry deposition onto the ground due to effects at the air ground interface;
- wet deposition due to washout and rainout as rain interacts with the plume;
- radioactive decay as the effluent decays;
- building wake effects due to the flow in the lee of large structures;
- for assessment of trajectory the ascending cloud is used model of Briggs;
- only heat elevation is assumed.

Dose calculation is solving by discrete of time variables $q(t)$ by means of normalized function $f_Q(\Delta t)$, what meet the condition:

$$\sum_{i=1}^n f_Q(\Delta t_i) = 1$$

where n is number of time intervals. Subsequently source characterized by function $q(t)$ is possible to considered that a source is composed from set of successive followings releases with constant rate Q_{0i} and time of duration Δt_i , where

$$Q_{0i} = \frac{f_Q(\Delta t_i) Q}{\Delta t_i}$$

and dose in the point (x,y) at the time t , calculated from the start of release is a sum

$$D(x, y, t) = \sum_{i=1}^n D(x, y, t_i)$$

where

$$t_i = t - \sum_{j=1}^{i-1} \Delta t_j$$

The computational analyses by the RTARC© programme are performed for 6 stability categories (categorization by Pasquill-Uhlig method to 6 categories A-F) of the atmosphere with typical wind speeds:

Atmosphere stability category	A	B	C	D	E	F
Typical wind speed [$m\ s^{-1}$]	1	2	5	5	3	2
Occurrence probability [%] (in 1997-2004)	2.5	12.9	26.2	40.1	8.4	9.9



The calculations of individual doses (effective and equivalent for thyroid – criterion parameters) by RTARC© programme are performed up to the distance of 40 km, exposure times: 2 hours, 1 day, 2 days, 7 and 15 days and 1 year for adults (the most numerous age group).

In the programme RTARC© those ways of exposure are considered which are the most important in the early phase of the accident, namely:

- external exposure by the passing radioactivity plume and by radioactivity deposited on the ground;
- internal exposure by inhalation which includes inhalation of radionuclides from the passing cloud and inhalation of radionuclides re-suspended from the ground.

The conservative approach at the dose calculations is done by assumption, that:

- height of release is 10, 25, respectively 43 m (not by stack, i.e. in height 125 m);
- sensible heat to $1E+7$ cal/s;
- for design basis accidents the man is staying or moving 24 hours of the day in the axis of passing radioactive cloud (the sheltering is not assumed);
- for severe accidents normal living is assumed (by means of shielding factors: for cloud 0.14, for deposit 0.16 and reduction for inhalation 0.5);
- the stability class (the worst dispersion conditions) is not changed and the weather is stable in the whole year;
- comparison of the most greatest calculated doses (for the worst stability class of the atmosphere) with the criterion values;
- detail results are shown for the distance 2 km, this is the smallest distance of exclusion area border where is not permanent resettlement.



5.10 MACROSEISMIC SCALE AND MAGNITUDE SCALE

The Medvedev-Sponheuer-Karnik scale, also known as the MSK or MSK-64, is a macroseismic intensity scale used to evaluate the severity of ground shaking on the basis of observed effects in an area of the earthquake occurrence.

The scale was first proposed by Sergei Medvedev (USSR), Wilhelm Sponheuer (East Germany), and Vit Karnik (Czechoslovakia) in 1964. It was based on the experiences being available in the early 1960s from the application of the Modified Mercalli scale and the 1953 version of the Medvedev scale, known also as the GEOFIAN scale.

With minor modifications in the mid-1970s and early 1980s, the MSK scale became widely used in Europe and the USSR. In early 1990s, the European Seismological Commission (ESC) used many of the principles formulated in the MSK in the development of the European Macroseismic Scale, which is now a de-facto standard for evaluation of seismic intensity in European countries. In 1996 the XXV General Assembly of the ESC in Reykjavik passed a resolution recommending the adoption of the new scale by the member countries of the European Seismological Commission.

Unlike the earthquake magnitude scales, which express the seismic energy released by an earthquake, EMS 98 (*European Macroseismic Scale 1998*, European Seismological Commission, Luxembourg 1998) intensity denotes how strongly an earthquake affects a specific place.

MSK-64 is still being used in India, Israel, Russia, and throughout the Commonwealth of Independent States.

“Modern macroseismic intensity scales have been developed and formally defined at the end of the XIX century as an empirical tool for measuring the strength of an earthquake, and deriving information on several physical characteristic of a seismic events, such as source parameters, attenuation, and site effects. Most important intensity scales used worldwide, such as the MCS, MM and MSK scales, are 12 degrees scales. Intensity scales are based on the effects of the earthquake. The effects on humans are the most important indicators of intensity up to the V degree. The assessment of intensity in the range between the VI and XII degree is based mostly on effects on man-made structures (damage) and on the environment (ground effects or environmental earthquake effects, EEE). This is true for all the early intensity scales “[21].

The local magnitude ML scale (Richter magnitude scale) assigns a single number to quantify the amount of seismic energy released by an earthquake. It is a base-10 logarithmic scale obtained by calculating the logarithm of the combined horizontal amplitude of the largest displacement from zero on a seismometer output. Measurements have no limits and can be either positive or negative.

Earthquakes with magnitude of about 2.0 or less are usually called micro-earthquakes; they are not commonly felt by people and are generally recorded only on local seismographs. Events with magnitudes of about 4.5 or greater - there are several thousand such shocks annually - are strong enough to be recorded by sensitive seismographs all over the world. Great earthquakes, such



as the 1964 Good Friday earthquake in Alaska, have magnitudes of 8.0 or higher. On the average, one earthquake of such size occurs somewhere in the world each year. The Richter Scale has no upper limit. Recently, another scale called the moment magnitude scale has been devised for more precise study of great earthquakes.

The Richter Scale is not used to express damage. An earthquake in a densely populated area which results in many deaths and considerable damage may have the same magnitude as a shock in a remote area that does nothing more than frighten wildlife. Large-magnitude earthquakes that occur beneath the oceans may not even be felt by humans.

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