



ENVIRONMENTAL IMPACT ASSESSMENT REPORT

for Investment Proposal:

**BUILDING A NEW NUCLEAR UNIT OF THE LATEST
GENERATION AT THE KOZLODUY NPP SITE**

ANNEX 4: LEGISLATION FRAMEWORK

Original

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VERSION: 03

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	TITLE OF STATUTORY INSTRUMENT	PUBLISHED	LAST REVISED
1.	EN 1998 (Eurocode 8) Design of structures for earthquake resistance	1998	
2.	EN ISO 9613: – 1, 2 Acoustics. Attenuation of sound during propagation outdoors	1996	
3.	EUROPEAN UTILITY REQUIREMENTS (EUR) for LWR Nuclear Power Plants, v. 1, 2, 4 Power generation Plants Requirements		Rev. D, October 2012
4.	International Atomic Energy Agency, Fundamental Safety Principles	IAEA, Safety Standards Series No. SF-1, Vienna, 2006	
5.	International Atomic Energy Agency, Vienna, TRS No 207, 1981	1981	
6.	International Atomic Energy Agency, Vienna, TRS No73,1967	1967	
7.	International Atomic Energy Agency. <i>Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for Nuclear Power Plants Safety Guide, Series No. NS-G-3.2, IAEA, Vienna, 32 p.</i>	2002	
8.	International Atomic Energy Agency. <i>Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants Safety Guide, Series No. NS-G-3.6, IAEA, Vienna, 53 p.</i>	2004	
9.	International Atomic Energy Agency. <i>Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations Specific Safety Guide, Series No. SSG-18, IAEA, Vienna, 146 p.</i>	2011	
10.	International Atomic Energy Agency. <i>Seismic Hazards in Site Evaluation for Nuclear Installations Specific Safety Guide, Series No. SSG-9, IAEA, Vienna, 60 p.</i>	2010	
11.	International Atomic Energy Agency. <i>Site Evaluation for Nuclear Installations. Safety Requirements. NS-R-3, IAEA, Vienna, 28 p.</i>	2003	
12.	DIRECTIVE 2000/60/EC establishing a framework for Community action in the field of water policy.	23 October 2000	23 October 2000
13.	DIRECTIVE 2002/49/EC relating to the assessment and management of environmental noise.	25 June 200	
14.	DIRECTIVE 2006/11/EC on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community.	15 February 2006	
15.	DIRECTIVE 2006/118/EC on the protection of groundwater against pollution and deterioration.	12 December 2006	12 December 2006
16.	DIRECTIVE 2007/60/EC on the assessment and management of flood risks.	23 October 2007	
17.	DIRECTIVE 2008/105/EC on environmental	16 December 2008	

	quality standards in the field of water policy, amending and subsequently repealing Directives 82/176/EEC, 83/513/EEC, 84/156/EEC, 84/491/EEC, 86/280/EEC and amending Directive 2000/60/EC.		
18.	DIRECTIVE 2009/90/EC laying down, pursuant to Directive 2000/60/EC of the European Parliament and of the Council, technical specifications for chemical analysis and monitoring of water status.	31 July 2009	
19.	DIRECTIVE 80/68/EEC on the protection of groundwater against pollution caused by certain dangerous substances.	17 December 1979	17 December 1979
20.	DIRECTIVE 2011/92/EU on the assessment of the effects of certain public and private projects on the environment	13 December 2011	
21.	ACT on the Safe Use of Nuclear Energy.	Promulgated, <i>State Gazette</i> (SG) No. 63 of 28 June 2002	Amended, SG No. 68 of 2 August 2013, effective 2 August 2013
22.	ACT on Biological Diversity.	Promulgated, SG No. 77 of 9 August 2002	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
23.	ACT on Water.	Promulgated, SG No. 67 of 27 July 1999	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
24.	ACT on Forests.	Promulgated, SG No. 19 of 8 March 2011	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
25.	ACT on Energy.	Promulgated, SG No. 107 of 9 December 2003	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
26.	ACT on Protection against the Harmful Impact of Chemical Substances and Mixtures.	Promulgated, SG No. 10 of 4 February 2000, effective 5 February 2002	Amended and supplemented, SG No. 84 of 2 November 2012, effective 2 January 2013
27.	ACT on Health.	Promulgated, SG No. 70 of 10 August 2004, effective 1 January 2005	Amended, SG No. 68 of 2 August 2013, effective 2 August 2013
28.	ACT on Protected Areas	Promulgated, SG No. 133 of 11 November 1998	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
29.	ACT on Health and Safety at Work.	Promulgated, SG No. 124 of 23 December 1997	Amended, SG No. 15 of 15 February 2013, effective 1 January 2014
30.	ACT on Cultural Heritage.	Promulgated, SG No. 19 of 13 March 2009	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
31.	ACT on Medicinal Plants.	Promulgated, SG No. 29 of 7 April 2000	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
32.	ACT on Agricultural Land Conservation.	Promulgated, SG No. 35	Amended, SG No. 66

		of 24 April 1996	of 26 July 2013, effective 26 July 2013
33.	ACT on Environmental Protection.	Promulgated, SG No. 91 of 25 September 2002	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
34.	ACT on Subsurface Resources.	Promulgated, SG No. 23 of 12 March 1999	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
35.	ACT on Agricultural Land Ownership and Use.	Promulgated, SG No. 17 of 1 March 1991	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
36.	ACT on Waste Management.	Promulgated, SG No. 53 of 13 July 2012, effective 13 July 2012	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
37.	ACT on Spatial Development.	Promulgated, SG No. 1 of 2 January 2001, effective 31 March 2001	Amended, SG No. 66 of 26 July 2013, effective 26 July 2013
38.	ACT on Clean Ambient Air.	Promulgated, SG No. 45 of 28 May 1996, effective 29 June 1996	Amended and supplemented, SG No. 102 of 21 December 2012, effective 21 December 2012
39.	INSTRUCTION No. 1 on the Scope and Content of the Design Part "Safety, Occupational Hygiene and Fire Safety"	Promulgated, SG No. 84 of 27 October 1981, effective 1 January 1982	
40.	LABOUR CODE Chapter Thirteen	Promulgated, SG No. 26 of 1 April 1986 and No. 27 of 4 April 1986	Amended, SG No. 15 of 15 February 2013, effective 1 January 2014
41.	CONVENTION on the Conservation of Biological Diversity	Promulgated, SG No. 19 of 2 March 1999	
42.	CONVENTION on the Conservation of European Wildlife and Natural Habitats (Bern Convention).	Promulgated, SG No. 23 of 10 March 1995	
43.	CONVENTION on the Conservation of Migratory Species of Wild Animals (Bonn Convention).	Promulgated, SG No. 16 of 25 February 2000	
44.	CONVENTION on Environmental Impact Assessment in a Transboundary Context.	SG No. 28 of 1995	Corrected, SG No. 89 of 12 October 1999
45.	CONVENTION on Wetlands of International Importance, especially as Waterfowl Habitat	Promulgated, SG No. 56 of 10 July 1992	Amended by Protocol of 3 December 1982, in force for Bulgaria as from 27 February 1986
46.	REGULATION No. 1 of 10 October 2007 on Exploration, Use and Protection of Groundwater.	Promulgated, SG No. 87 of 30 October 2007	Amended and supplemented, SG No. 28 of 19 March 2013, effective 19 March 2013
47.	REGULATION No. 1 of 10 September 1996 on Raft Foundation Designing.	Promulgated, SG No. 85 of 8 October 1996, effective 8 January 1997	
48.	REGULATION No. 1 of 11 April 2011 on Water	Promulgated, SG No. 34	Amended, SG No. 44

	Monitoring.	of 29 April 2011, effective 29 April 2011	of 17 May 2013, effective 17 May 2013
49.	REGULATION No. 2 of 22 March 2005 on Design, Construction and Operation of Water-Supply Systems.	Promulgated, SG No. 34 of 19 April 2005	Amended and supplemented, SG No. 96 of 7 December 2010, effective 8 January 2011
50.	REGULATION No. 10 of 18 April 2002 on the Maximum Permissible Radioactive Contamination upon Import of Farm Produce after the Accident at the Chernobyl Nuclear Power Plant.	Promulgated, SG No. 44 of 29 April 2002	
51.	REGULATION No. 11 of 14 May 2007 on Limit Values for Arsenic, Cadmium, Nickel and Polycyclic Aromatic Hydrocarbons in Ambient Air.	Promulgated, SG No. 42 of 29 May 2007, effective 1 January 2008	
52.	REGULATION No. 12 of 15 July 2010 on Limit Values for Sulphur Dioxide, Nitrogen Dioxide, Fine Particulate Matter, Lead, Benzene, Carbon Monoxide and Ozone in Ambient Air.	Promulgated, SG No. 58 of 30 July 2010, effective 30 July 2010	
53.	REGULATION No. 13 of 30 December 2003 on Protection of Workers from Risks Related to Exposure to Chemical Agents at Work.	Promulgated, SG No. 8 of 30 January 2004, effective 31 January 2005	Amended, SG No. 2 of 6 January 2012
54.	REGULATION No. 13 of 2007 on Characterization of Surface Water.	Promulgated, SG No. 37 of 2007	Amended, SG No. 80 of 14 October 2011 repealed, SG No. 22 of 5 March 2013, effective 5 March 2013
55.	REGULATION No. 14 of 23 September 1997 on Limit Values for Maximum Permissible Concentrations of Harmful Substances in the Ambient Air of Nucleated Settlements.	Promulgated, SG No. 88 of 3 October 1997	Amended, SG No. 42 of 29 May 2007, effective 1 January 2008
56.	REGULATION No. 15 of 31 May 1999 on the Terms, Procedure and Requirements for Development and Implementation of Physiological Work and Rest Patterns at Work.	Promulgated, SG No. 54 of 15 June 1999	
57.	REGULATION No. 16 of 31 May 1999 on Physiological Standards and Rules for Manual Handling of Loads.	Promulgated, SG No. 54 of 15 June 1999	Amended, SG No. 70 of 26 August 2005
58.	REGULATION No. 16 of 9 June 2004 on Servitudes of Energy Works.	Promulgated, SG No. 88 of 8 October 2004	Amended and supplemented, SG No. 77 of 2 September 2008
59.	REGULATION No. 2 of 22 March 2004 on the Minimum Requirements for Occupational Health and Safety upon Performance of Building and Erection Work.	Promulgated, SG No. 37 of 4 May 2004, effective 5 November 2004, corrected in No. 98 of 5 November 2004	Amended and supplemented, SG No. 102 of 19 December 2006
60.	REGULATION No. 2 on Issuing of Permits for Wastewater Discharge into Water Bodies and Setting Individual Emission Limit Values for	Promulgated, SG No. 47 of 21 June 2011	Amended and supplemented, SG No. 44 of 17 May 2013,

	Point Sources of Pollution.		effective 17 May 2013
61.	REGULATION No. 25 of 6 June 2007 on the Terms and Procedure for the Taking of Samples and Conduct of Laboratory Tests, Analyses and Expert Examinations Need for the Purposes of State Health Control.	Promulgated, SG No. 48 of 15 June 2007	
62.	REGULATION No. 3 of 1 April 2004 on Classification of Waste.	Promulgated, SG No. 44 of 25 May 2004	Amended and supplemented, SG No. 23 of 20 March 2012
63.	REGULATION No. 4 on the Quality Required of Waters for Fisheries and Shellfish Waters.	Promulgated, SG No. 88 of 27 October 2000	
64.	REGULATION No. 5 on Management of Bathing Water Quality.	Promulgated, SG No. 53 of 10 June 2008	Amended, SG No. 5 of 18 January 2013
65.	REGULATION No. 6 on the Environmental Noise Indicators Taking Account of the Annoyance during the Various Parts of the Day and Night, the Limit Values for the Environmental Noise Indicators, the Methods of Assessment of the Values of Noise Indicators and the Harmful Effects of Noise on Public Health.	Promulgated, SG No. 58 of 18 July 2006	
66.	REGULATION No. 6 on Emission Limit Value for the Permissible Content of Harmful and Dangerous Substances in Wastewater Discharged into Water Bodies.	Promulgated, SG No. 97 of 28 November 2000	Amended, SG No. 24 of 23 March 2004, effective 23 March 2004
67.	REGULATION No. 7 of 23 September 1999 on the Minimum Health and Safety Requirements for Workplaces and upon Use of Work Equipment.	Promulgated, SG No. 88 of 8 October 1999	Amended and supplemented, SG No. 24 of 12 March 2013, effective 12 March 2013
68.	REGULATION No. 7 of 3 May 1999 on Ambient Air Quality Assessment and Management.	Promulgated, SG No. 45 of 14 May 1999, effective 1 January 2000	
69.	REGULATION No. 7 on Indicators and Standards for Quality Assessment of Flowing Surface Water.	Promulgated, SG No. 96 of 12 December 1986	Repealed, SG No. 22 of 5 March 2013, effective 5 March 2013
70.	REGULATION No. 8 of 28 July 1999 on Rules and Standard Specifications for Placing of Transmission Lines and Facilities in Nucleated Settlements.	Promulgated, SG No. 72 of 13 August 1999, effective 12 September 1999	
71.	REGULATION No. 9 of 14 March 1991 on Emission Limit Levels for Electromagnetic Fields in Populated Areas and Establishment of Safety Zones around Emitting Installations.	Promulgated, SG No. 35 of 3 May 1991	Amended and supplemented, SG No. 8 of 22 January 2002
72.	REGULATION No. 9 of 16 March 2001 on the Quality of Water Intended for Human Consumption.	Promulgated, SG No. 30 of 28 March 2001	Amended, SG No. 15 of 21 February 2012, effective 21 February 2012
73.	REGULATION No. 9 of 9 June 2004 on Technical Operation of Electric Power Plants and Networks.	Promulgated, SG No. 72 of 17 August 2004, effective 18 December 2004	Amended and supplemented, SG No. 26 of 7 March 2008

74.	REGULATION No. H-00-0001 of 2011 on Conduct of On-Site Archaeological Investigations.	Promulgated, SG No. 18 of 1 March 2011	Amended, SG No. 101 of 18 December 2012, effective 18 December 2012
75.	REGULATION No. H-4 of 14 September 2012 on Characterization of Surface Water.	Promulgated, SG No. 22 of 5 March 2013, effective 5 March 2013	
76.	REGULATION No. ПД-02-20-2 on Design of Buildings and Facilities in Earthquake-Prone Areas.	Promulgated, SG No. 13 of 14 February 2012	Corrected, SG No. 23 of 20 March 2012
77.	REGULATION on Emergency Planning and Emergency Preparedness in Case of Nuclear and Radiological Emergencies.	Adopted by Council of Ministers Decree No. 313 of 22 November 2011, promulgated, SG No. 94 of 29 November 2011	
78.	REGULATION on Safety during Decommissioning of Nuclear Facilities.	Promulgated, SG No. 73 of 20 August 2004	
79.	REGULATION on Safe Management of Radioactive Waste.	Adopted by Council of Ministers Decree No. 198 of 3 August 2004, promulgated, SG No. 72 of 17 August 2004	
80.	REGULATION on the Requirement to the Quality of Liquid Fuels, the Terms, Procedure and Manner for the Control Thereof.	Promulgated, SG No. 66 of 25 July 2003, effective 1 October 2003	Amended, SG No. 103 of 28 December 2012, effective 1 January 2013
81.	REGULATION on the Requirements to Treatment and Transportation of Industrial and Hazardous Waste.	Adopted by Council of Ministers Decree No. 53 of 1999, promulgated, SG No. 29 of 20 March 1999	
82.	REGULATION on Ensuring the Safety of Nuclear Power Plants.	Adopted by Council of Ministers Decree No. 172 of 19 July 2004, promulgated, SG No. 66 of 30 July 2004	Amended, SG No. 5 of 19 January 2010
83.	REGULATION on Safety of Spent Fuel Management.	Adopted by Council of Ministers Decree No. 196 of 2 August 2004, promulgated, SG No. 71 of 13 August 2004	
84.	REGULATION on Basic Norms of Radiation Protection (BNRP).	Adopted by Council of Ministers Decree No. 229 of 25 September 2012, promulgated, SG No. 76 of 5 October 2012	
85.	REGULATION on the Procedure and Manner for Storage of Dangerous Chemical Substances and Mixtures.	Adopted by Council of Ministers Decree No. 152 of 30 May 2011, promulgated, SG No. 43 of 7 June 2011	
86.	REGULATION on Management of Construction and Demolition Waste and on Use of Recycled	Adopted by Council of Ministers Decree No.	

	Construction Materials.	277 of 5 November 2012, promulgated, SG No. 89 of 13 November 2012	
87.	REGULATION on the Terms and Procedure for Conduct of a Compatibility Assessment of Plans, Programmes, Projects and Investment Proposals with the Subject and Objectives of Protection of the Protected Areas.	Adopted by Council of Ministers Decree No. 201 of 31 August 2007, promulgated, SG No. 73 of 11 September 2007	Amended and supplemented, SG No. 94 of 30 November 2012, effective 30 November 2012
88.	REGULATION on the Terms and Procedure for Conduct of an Environmental Impact Assessment (title amended, SG No. 3 of 2006).	Adopted by Council of Ministers Decree No. 59 of 7 March 2003, promulgated, SG No. 25 of 18 March 2003.	Amended, SG No. 94 of 30 November 2012, effective 30 November 2012
89.	REGULATION on the Conditions and Procedure for Establishing of Special-Statutory Areas around Nuclear Facilities and Installations with Sources of Ionizing Radiation.	Adopted by Council of Ministers Decree No. 187 of 6 August 2004, promulgated, SG No. 69 of 6 August 2004	Amended, SG No. 5 of 19 January 2010
90.	STANDARD SPECIFICATIONS for Design of Buildings and Facilities in Earthquake-Prone Areas.	Construction and Architecture Publishing Centre, Sofia, 1987	
91.	REGULATIONS for Application of the Act on Agricultural Land Conservation.	Promulgated, SG No. 84 of 4 October 1996	Amended and supplemented, SG No. 35 of 8 May 2012
92.	COUNCIL OF MINISTERS DIRECTIVE No. 1711 on Designation of All Settlement and Burial Mounds, Medieval Defensive Bulwarks as Monuments of Culture of National Importance.	Of 22 October 1962	
93.	WATER FRAMEWORK DIRECTIVE (2000/60/EC)	In force from 22 December 2000	
94.	REGULATION (EC) No 1272/2008 on classification, labelling and packaging and mixtures (CLP).	of 16 December 2008	
95.	DECISION No 2455/2001/EC establishing the list of priority substances in the field of water policy and amending Directive 2000/60/EC.	20 November 2001	
96.	MANUAL for Performance of Basic Characterization of Waste and Application of the Criteria for the Acceptance of Waste at Different Classes of Landfill.	Order No. ПД-824 of 11 November 2011 of the Minister of Environment and Water	
97.	MANUAL for Determination of the Number and Type of the Receptacles and Equipment Necessary for the Transportation of Waste.	2004	
98.	MANUAL for Pretreatment of Waste before Landfilling in Bulgaria.	Order No. ПД-664 of 23 August 2007 of the Minister of Environment and Water	
99.	STRATEGY for Management of Spent Nuclear Fuel and Radioactive Waste until 2030.	Adopted by Council of Ministers Decision at the meeting on 5 January 2011	
100.	Draft of the National Annexes to the European Standards for the design of buildings and other civil engineering works (Eurocodes): Seismic zoning of the Republic of Bulgaria, in conformity with the requirements of Eurocode 8, part 3.	http://www.mrrb.government.bg/?controller=articles&id=492	

