

Milestones

Country: BULGARIA

Reporting Year: 2013

Start Year or Reference Year:	2013	End Year:	2016
Description of Milestone:			
Licence No KN-3665/26.08.2013 for site selection for a nuclear facility - a nuclear power plant.			
Start Year or Reference Year:	2013	End Year:	2018
Description of Milestone:			
Licence "E" Series No 4153/25.02.2013 for operation of Unit 4 of the Kozloduy NPP as facilities for waste management to be decommissioned by SD "MRAW - Units 3 and 4			
Start Year or Reference Year:	2013	End Year:	2013
Description of Milestone:			
IRRS mission of the International Atomic Energy Agency (Integrated Regulatory Review Service)			
Start Year or Reference Year:	2012	End Year:	
Description of Milestone:			
On June 5, 2012 State Enterprise "Radioactive Waste" applied for the re-licensing of Units 1 and 2, subject to facility decommissioning , by specialized division. Expected in 2013 to be issued a license for the decommissioning of units of exploitation 1 and 2.			
Start Year or Reference Year:	2012	End Year:	
Description of Milestone:			
On 20 December 2012 an application for the issuance of an operating license for Units 3 and 4 of Kozloduy NPP by management facility for radioactive waste. The change is based on the decision of the Council of Ministers of Bulgaria decision number 1038 of 19.12.2012 for transfer of Units 3 and 4 of Kozloduy to State Enterprise for Radioactive Waste. It is expected by the end of March 2013 to issue the operating license as a facility for radioactive waste management. The facility will be operated by a specialized unit known as "URAO - Kozloduy".			
Start Year or Reference Year:	2011	End Year:	2019
Description of Milestone:			
Operating license issued for the waste management facility on the Novi Han site. The official name is Special Division "PHRAO Novi han" a part of the State Enterprise "Radioactive Waste" (SERAW).			
Start Year or Reference Year:	2011	End Year:	2019
Description of Milestone:			
Operating license issued for Hot chamber (Hot cell) on the side of Special Division "PHRAO Novi han" also for 8 years : 2011-2019 The Hot Cell is used for sources of ionizing radiation, for purpose of technical service, assembly and disassembly of sources of ionizing radiation. The maximum capacity of the hot cell is 500 TBq.			

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Start Year or Reference Year:	2008	End Year:	2015
Description of Milestone:			
Operating license issued for the waste management facility on Kozloduy site. Licensee - State Enterprise "Radioactive Waste" (SERAW).			
Start Year or Reference Year:	2008	End Year:	2011
Description of Milestone:			
License for operation in condition "E" of units 1 and 2 - preparation for decommissioning			
Start Year or Reference Year:	2008	End Year:	
Description of Milestone:			
IRRRT-2000 - Research Reactor - Spent Fuel removed and transported to Russia			
Start Year or Reference Year:	2007	End Year:	
Description of Milestone:			
Final Shut Down of the Units 3 and 4 of NPP "Kozloduy" - License for operation in condition "E" - activities for preparation for decommissioning			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
Operating license issued for the waste storage facility on Novi han site. Licensee - State Enterprise "Radioactive Waste" (SERAW).			
Start Year or Reference Year:	2006	End Year:	2011
Description of Milestone:			
Special Division "PRRAW-Novı Han" - License for operation			
Start Year or Reference Year:	2006	End Year:	2010
Description of Milestone:			
National Repository for Disposal of Low and Intermediate Level of Radioactive Waste - Permit for Site Selection Procedure			
Start Year or Reference Year:	2004	End Year:	
Description of Milestone:			
Adoption of governmental Strategy for management of spent fuel and radioactive waste			

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Start Year or Reference Year:	2004	End Year:	
Description of Milestone:			
Establishment and start of operations of the State Enterprise "Radioactive Waste" responsible for the off-site management of radioactive waste at national level.			
Start Year or Reference Year:	2003	End Year:	2005
Description of Milestone:			
Test operation of waste processing plant on Kozloduy NPP site			
Start Year or Reference Year:	2002	End Year:	
Description of Milestone:			
Final shut-down of Units 1 and 2 of Kozloduy NPP for decommissioning			
Start Year or Reference Year:	2002	End Year:	2003
Description of Milestone:			
Implementation of commissioning programme of waste processing plant on Kozloduy NPP site			
Start Year or Reference Year:	1999	End Year:	
Description of Milestone:			
Future investigations for disposal site selection for LILW from Kozloduy NPP operation finalized. One site recommended as most perspective			
Start Year or Reference Year:	1997	End Year:	
Description of Milestone:			
Program for upgrading the Novi Han repository started, financed by the operator, the regulator and the state budget, with the support of IAEA TC Project BUL/4/005 "Increasing Safety of Novi Han Repository"			
Start Year or Reference Year:	1996	End Year:	1997
Description of Milestone:			
Implementation of big international project "Radioactive waste management in Bulgaria"			
Start Year or Reference Year:	1994	End Year:	
Description of Milestone:			
Operation of Novi Han repository suspended by the regulator with prescription for improvements			

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Start Year or Reference Year:	1991	End Year:	1994
Description of Milestone:			
Research for selection of perspective sites for disposal of radioactive waste conducted. As a result 7 sites are determined and criteria for final site selection elaborated. Results are compiled in "Conception for National Repository for Radioactive Waste"			
Start Year or Reference Year:	1974	End Year:	
Description of Milestone:			
Commissioning of Kozloduy NPP unit 1 (VVER-440, model 230), followed by unit 2 (VVER-440/230) in 1975, unit 3 (VVER-440/230) in 1980, unit 4 (VVER-440/230) in 1982, unit 5 (VVER-1000/320) in 1987 and unit 6 (VVER-1000/320) in 1989			
Start Year or Reference Year:	1964	End Year:	
Description of Milestone:			
Commissioning of Novi Han repository for LILW from the operation of IRRT-2000 research reactor and from the isotope applications			
Start Year or Reference Year:	1961	End Year:	
Description of Milestone:			
Commissioning of IRRT-2000 research reactor, located in Sofia and operated by the Bulgarian Academy of Science			