

Milestones

Country: BULGARIA

Reporting Year: 2012

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| 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. | | | |
| 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: | | | |
| IRR-2000 - Research Reactor - Spent Fuel removed and transported to Russia | | | |

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| 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 | | | |
| 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 | | | |

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| 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 | | | |
| 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 | | | |

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| 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 | | | |