

Milestones

Country: SLOVENIA

Reporting Year: 2013

Start Year or Reference Year:	2014	End Year:	2014
Description of Milestone:			
The Slovenian government has approved an investment program for a national repository for low- and intermediate-level waste (LLW/ILW). The total investment costs depend on whether neighbouring Croatia participates in the project.			

Comment **# 29587: Investment program for a national repository**

The program estimates the total investment cost for building, operating and eventually sealing the repository to be some €157 million (\$214 million). This figure is based on the assumption that the repository will be used for the disposal of all the LLW/ILW generated through medical, research and industrial use, as well as half of such waste produced at the Krško nuclear power plant. However, the investment program estimates that if Croatia also participates in the repository project, the total cost would be around €178 million (\$242 million), or €89 million (\$121 million) each.

Start Year or Reference Year:	2013	End Year:	2013
Description of Milestone:			
Adoption of Resolution on Nuclear and Radiation Safety in the Republic of Slovenia - for the period 2013-2023.			

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Country: SLOVENIA

Reporting Year: 2013

Start Year or Reference Year:	2011	End Year:	2011
Description of Milestone:			
The Act Amending the Act on Ionizing Radiation Protection and Nuclear Safety was published in the Official Gazette of the Republic of Slovenia, No. 60/2011, dated 29.7.2011. It entered into force on 13.8.2011.			

Comment

29586: The Act Amending the Act on Ionizing Radiation Pro

The amended Act introduces requirements of Council Directive 2009/71/Euratom (establishing a Community framework for nuclear safety of nuclear installations) on competent authorities, self-assessment regarding their own organization and consistency of domestic legislation with internationally established standards. Furthermore, a commitment to the international peer review process is incorporated into the Act. The amended Act restricts the right to strike of certain categories of workers in radiation and/or nuclear facilities (duties important to safety) in order to protect the public interest. The provisions on physical protection have been substantially completed as the result of international commitments and because of the EU directives, where in addition to nuclear material requirements physical protection of radioactive substances was set. Regarding the licenses to carry out radiation practices and licenses for the use of a source of radiation, some unnecessary duplication of certain requirements removed from the Act. Since the Act does not use the term "competent ministry" anymore, but rather designates the actual competent authority in each case, the Act is now easier to understand and is not misleading with regard to competences of different ministries and governmental authorities. The proposed amendment also regulates the "overtime work", which can be ordered for the staff of competent authorities, and the "permanent availability" of inspectors and professional officers, who can act quickly and take appropriate actions in case of loss or finding an unknown source of radiation, in case of emergency or other similar cases.

Start Year or Reference Year:	2009	End Year:	
Description of Milestone:			
The site at Vrbina near Krsko NPP for LILW repository was formally approved in the scope of the Decree on National Spatial Plan at the end of 2009.			

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Start Year or Reference Year:	2008	End Year:	
Description of Milestone:			
<p>In 2008, public exhibition of the supplemented draft national spatial plan for the LILW repository on the Vrbina site in the municipality of Krsko and of the environmental impact report took place. Public hearing was held on 14 February. The competent institutions and the municipality submitted numerous proposals and remarks.</p> <p>In the municipality of Krsko, where at the end of 2008 the procedure was in its final stage, some more time - presumably by the end of May 2009 - was taken to make the decision. The procedure in the municipality of Brezice lags behind considerably.</p> <p>In 2008, preliminary field investigations on the potential site for the LILW repository of Vrbina in the municipality of Krško were successfully completed.</p>			
Start Year or Reference Year:	2008	End Year:	
Description of Milestone:			
<p>On 18 April 2008, ARAO was granted an operational licence for operation of the Central storage for radwaste in Brinje, valid for ten years.</p>			
Start Year or Reference Year:	2007	End Year:	
Description of Milestone:			
<p>Proposal of the national spatial plan for the LILW repository at the potential location of Vrbina in the municipality of Krsko was prepared and submitted for public hearing required by the national legislation.</p>			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>Regarding the procedure for siting the LILW repository two potential sites (locations) remained. On the potential sites site characterization investigation works have started.</p>			
Start Year or Reference Year:	2005	End Year:	
Description of Milestone:			
<p>In November 2005 three sites (locations) for the LILW repository in volunteering local communities were confirmed by the Government.</p>			
Start Year or Reference Year:	2005	End Year:	
Description of Milestone:			
<p>In October 2005 the National programme for radioactive waste management was adopted by the Government and in February 2006 a resolution on National Programme on radioactive waste and spent fuel management passed also the Parliamentary procedure.</p>			

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Start Year or Reference Year:	2004	End Year:	
Description of Milestone:			
In November 2004 the Ministry of the Environment and Spatial Planning officially started the spatial planning procedure as part of site selection process, aiming at developing the National detailed site development plan for LILW.			
Start Year or Reference Year:	2004	End Year:	
Description of Milestone:			
On the basis of the Detailed Plan of National Importance for the LILW Repository, ARAO Agency at the end of the year 2004 invited all Slovenian local communities to cooperate in environmental setting of the LILW repository.			
Start Year or Reference Year:	2004	End Year:	
Description of Milestone:			
In accordance with the provisions of the Treaty between the Government of the Republic of Slovenia and Republic of Croatia on regulation of status and other legal relationships relating to investments into the Krsko nuclear power plant, the Slovenian and Croatian government adopted the first revision of the Program of NPP Krsko decommissioning, SF and LILW disposal.			
Start Year or Reference Year:	2003	End Year:	
Description of Milestone:			
On 7 March 2003 the Agreement between the Governments of the Republic of Slovenia and the Republic of Croatia on the status and other legal issues related to investments, exploitation and decommissioning of the Nuclear Power Plant Krško entered into force (it was signed on 19 December 2001).			
Start Year or Reference Year:	2002	End Year:	
Description of Milestone:			
In July 2002 the Parliament of the Republic of Slovenia adopted a new Act on Ionising Radiation Protection and Nuclear Safety. The Act entered into force on 1 October 2002. Its main purpose is "to regulate ionising radiation protection, with the aim of reducing the detrimental effects on health and reducing to the lowest possible level radioactive contamination of the environment due to ionising radiation resulting from the use of radiation sources, while at the same time enabling the development, production and use of radiation sources and performing radiation practices". It also regulates radioactive waste and spent fuel management.			
Start Year or Reference Year:	1994	End Year:	
Description of Milestone:			
The Act on the Fund for financing Decommissioning of the Krsko NPP and disposal of Radioactive Waste from the Krsko NPP was adopted in the end of year 1994. By this act was established The Financial Fund for Decommissioning of Nuclear Power Plant Krsko.			

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Start Year or Reference Year:	1991	End Year:	
Description of Milestone:			
The Agency for Radwaste Management is founded by the Government of Slovenia as a public enterprise, responsible for final disposal of radioactive waste.			
Start Year or Reference Year:	1987	End Year:	
Description of Milestone:			
The Slovenian Nuclear Safety Administration (SNSA) was established in 1987. SNSA is competent in the area of nuclear safety and radioactive waste management. Previously, the functions of the regulatory body were held by the Committee of Energy and Industry.			
Start Year or Reference Year:	1986	End Year:	
Description of Milestone:			
The Central Storage Facility for Radioactive Waste in Brinje was put into operation in 1986. It is intended for storage of low and intermediate level radioactive waste arising from medical, industrial and research applications. The storage facility is situated at the Research Reactor Centre, about 15 km north-east of Ljubljana.			
Start Year or Reference Year:	1984	End Year:	
Description of Milestone:			
In year 1984 entered into force one of the most important act "Act on Radiation Protection and the Safe Use of Nuclear Energy" (Off. Gaz. SFRY, No. 62/84).			
Start Year or Reference Year:	1983	End Year:	
Description of Milestone:			
The Krsko NPP began with commercial operation in January 1983.			
Start Year or Reference Year:	1974	End Year:	
Description of Milestone:			
The Krsko NPP construction was started. It is a Westinghouse two-loop pressurised water reactor. It initial power was 632 MWe.			
Start Year or Reference Year:	1966	End Year:	
Description of Milestone:			
The Research Reactor TRIGA Mark II is operated by Josef Stefan Institute. It was put into operation in May 1966. The reactor was delivered by General Atomics, the reactor tank and body were built by Slovenian companies. Main purpose of the research reactor is research, training and isotopes production.			