

Milestones

Country: SWITZERLAND

Reporting Year: 2009

Start Year or Reference Year:	2004	End Year:	2009
Description of Milestone:			
<p>Sectoral Plan (Sachplan) for deep geological repositories, as required by the new Nuclear Energy Ordinance (KEV) : Tool elaborated by the Federal Office of Energy (a) to settle safety-related and other criteria relevant to the selection of regions and sites, (b) to define the procedure on how to designate sites from candidate regions. Key intentions are to present transparent technical and procedural rules for the site selection process and to clarify public involvement. Draft versions of the strategic part have been submitted to commenting by involved bodies in 2006 and 2007. Its final version has been released by the Federal Council on April 2, 2008. In October 2008, Nagra submits a waste management programme and a proposal on candidate regions for deep geologic disposal of SMA and LMA/HAA, as foreseen by the Sectoral Plan.</p>			
Start Year or Reference Year:	2002	End Year:	2006
Description of Milestone:			
<p>EL-HAA/LMA: Completion of feasibility study (Project "Entsorgungsnachweis"), based on Opalinus clay host rock formation in Northern Switzerland (Zürcher Weinland). Report was submitted by Nagra to the Federal Government by end of 2002. At the same time, Nagra asked the Federal Government to agree to Nagra's proposal to focus future investigations for the Swiss SF/HLW/ILW programme on the Opalinus clay and the candidate siting area of the Zürcher Weinland. After review of Nagra's Technical documentation by national and international expert teams, the Federal Council approves the Entsorgungsnachweis on June 28, 2006. Focussing investigations on the proposed potential region was, however, disapproved.</p>			
Start Year or Reference Year:	1996	End Year:	2003
Description of Milestone:			
<p>EL-SMA: Despite decisions on a stepwise concession approach (first only exploratory drift, then repository), project modifications (monitoring, retrievability) and definition of exclusion criteria: negative outcome of a new cantonal vote on mining concession for an exploratory drift in September 2002. The project is abandoned by the potential operator company GNW, which is formally disbanded in 2003 after completion of recultivation and settlement of further obligations.</p>			
Start Year or Reference Year:	1993	End Year:	1995
Description of Milestone:			
<p>EL-SMA: Wellenberg identified as candidate site after a 12 years' site evaluation procedure (1993), agreement with local community (1994), applications for general licence (federal) and mining concession (cantonal) for exploratory drift and repository in 1994, mining concession being rejected by public referendum in June 1995.</p>			
Start Year or Reference Year:	1990	End Year:	1992
Description of Milestone:			
<p>Implementation of a standardized, decentralized computer-based database system for Swiss radioactive waste (ISRAM), which enables characterization and book-keeping for all conditioned and most of unconditioned waste packages.</p>			

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Reporting Year: 2009

Start Year or Reference Year:	1988	End Year:	2004
Description of Milestone:			
ZWILAG: Planning, construction and commissioning of a central storage facility for spent fuel, HLW and any other type of waste, with conditioning facilities and plasma arc incinerator/melter.			
Start Year or Reference Year:	1985	End Year:	1988
Description of Milestone:			
"Project Gewaehr 85": Feasibility demonstration for disposal of all waste categories in Switzerland submitted by Nagra in 1985. Decision of Federal Government in June 1988: demonstration for EL-SMA accepted, for EL-HAA/LMA (crystalline host rock) safety concept and engineering feasibility accepted, but siting feasibility yet to be demonstrated.			
Start Year or Reference Year:	1982	End Year:	1982
Description of Milestone:			
End of OECD/NEA sea dumping activities for LILW in the Northern Atlantic Ocean.			
Start Year or Reference Year:	1978	End Year:	1978
Description of Milestone:			
Concept report on geological disposal in Switzerland (Nagra)			