Site (Structure) : LILW Rep.

Country: SLOVENIA Reporting Year: 2009

Full Name: Planned repository for LILW

Description: The repository is designed for disposal of half of short-lived LILW from NEK and of all the remaining Slovenian short-lived LILW (9,400 m3) with a possibility of further disposal capacities extension providing disposal of the overall LILW quantity (18,200 m3).
The structure itself is placed into over-consolidated Miocene silt, beneath the Sava alluvium, 15 to 50 m beneath the surface. It lays in saturated soil, and will be separated from the fresh water bearing aquifer by reinforced concrete slab covered by 5m thick clay layer.

Official Website:

License Holder(s): future facility, not licensed

Waste management facilities that are located at this site:

Facility:	**LILW Rep.**
Description:	Planned LILW near surface silo repository. The site was approved in 2009.
Detailed Facility Description:	The repository will consist of a disposal part, composed of a set of modular disposal units (silos), and other structures required for acceptance, conditioning and storage of radioactive waste. Besides technological facilities, a visitor center, an administrative building and a service building are anticipated on the site as well. All buildings and disposal structures of the repository will be constructed on a platform which will protect them against floods.
Financing:	According to the Agreement, the owners of the Krško NPP, GEN energija d.o.o. and Hrvatska Elektroprivreda d.d., are obliged to assure the funds for the decommissioning and the final disposal of radioactive waste and spent fuel. The Slovenian share of financial assets is collected through a levy for the kWhe delivered to the Slovenian grid since 1996.

Site (Structure) : LILW Rep.

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Disposal part of facility **LILW Rep.**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
VLLW	No	No
LLW	No	Yes
ILW	No	No
HLW	No	No

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	Yes		
Capacity existing (m3):	0	Capacity planned (m3):	9400

Depth (m):	53	Host medium:	sedimentary (other)

Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1995	2004	False
site selection	2003	2009	False
design	2006	2012	True
construction	2012	2013	True
commissioning	2014	2015	True
operation	2016	2038	True
closure	2038	0	True
institutional control		2338	True