

Site (Structure) : Richard

Country: CZECH REPUBLIC

Reporting Year: 2005

Full Name: Radioactive Waste Repository Richard

Description:

Official Website:

License Holder(s): SURAO (Radioactive Waste Repository Authority)

Comment # 380: Information

Abandoned mine Richard (60 km N of Prague) serves as repository for radioactive waste from research, industry and medicine. Basic waste acceptance requirements are a dose rate at 5 cm distance from the surface of the waste package less than 1 mSv/h. The accepted waste corresponds to the IAEA LLW waste class.

Waste management facilities that are located at this site:

Facility:	URAO
Description:	Radioactive waste repository

Storage part of facility URAO

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
TRW	No	No
LILW-SL	Yes	Yes
LILW-LL	Yes	Yes
HLW	No	No

List SRS?	Yes
List UMMT?	No

Capacity:	
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
komora	cave	1964	No	No	No	Yes

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Disposal part of facility **URAO**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
TRW	No	No
LILW-SL	Yes	Yes
LILW-LL	No	No
HLW	No	No

List SRS?	Yes
List UMMT?	No

Type:	rock cavern (mountain/hill)		
Facility is modular?	No		
Capacity existing (m3):	8300	Capacity planned (m3):	8300

Depth (m):	30-60	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1961		False
site selection		1961	False
design	1961		False
construction		1962	False
commissioning	1964		False
operation	1964	2070	False
closure	2070		False

Comment **# 9799: Calculation of used repository capacity**

From the total volume of 17 050 m3 of only 8300 m3 can be used for disposal of RAW. At the end of 2004 about 6260 m3 of RAW (75.4% from available disposal volume) were disposed.