

Site (Structure) : Richard

Country: CZECH REPUBLIC

Reporting Year: 2006

Full Name: URAO 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.

Comment # 14555: Site Richard

In 2006 and 2007 disposal chambers 8/2, 9 a 12 were upgraded (hydraulical cage) and filled with waste. New concrete floor was laid down in chambers 13 and 22 and these chambers will be used for the disposal of waste.

Waste management facilities that are located at this site:

Facility:	URAO R
Description:	The repository is used to dispose of particularly RAW containing artificial radionuclides. Separately from the disposed RAW there are also stored RAW, which cannot be currently disposed and wait to be disposed in a suitable repository.

Storage part of facility URAO R

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 R

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TRW	No	No
LILW-SL	Yes	Yes
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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		True
ACTIVITY: upgrading	2006	2007	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.

Comment **# 14556: Disposal Facility URAO R**

At the end of 2006 about 6478 m3 of RAW (78% from available disposal volume) were disposed.