

Site (Structure) : Dukovany

Country: CZECH REPUBLIC

Reporting Year: 2009

Full Name: URAO Dukovany

Location: Dukovany

Description:

Official Website:

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

Comment **# 381: Information**

The Dukovany repository (URAO) serves for radioactive waste from operation of Czech NPP. It does not accept waste from research, industry and medicine or spent sealed sources. The accepted waste corresponds to the IAEA LLW-SL waste class.

Comment **# 14554: Site Dukovany**

Since 2006 repository can accommodate unprocessed institutional waste and operational waste immobilised not only in bitumene, glas and cement, but also in aluminosilicate matrix.

Waste management facilities that are located at this site:

Facility:	URAO D
Description:	Near-surface radioactive waste repository for disposal of operational waste from both NPPs and waste from their decommissioning. Since 2006 also unprocessed RAW of institutional origin can be disposed in the repository.

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Disposal part of facility**URAO D**

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?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	Yes		
Capacity existing (m3):	55000	Capacity planned (m3):	55000

Depth (m):	5.3	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1976		False
site selection		1982	False
design		1986	False
construction	1987		False
commissioning		1994	False
operation	1995		False
closure	2100		True

Comment **# 9797: Calculation of used repository capacity**

The reported % of existing capacity used is based on the number of vaults filled by RAW in 200 I drums, which was at the end of 2004 about 9,5 vaults (about 8,5% of the volume of the whole repository - 112 vaults).

Comment **# 14557: Disposal Facility URAO D**

At the end of 2006 5579 m3 of waste (11,5 vaults; about 10 % of the volume of the whole repository) was disposed in the repository.