

Site (Structure) : Richard

Country: CZECH REPUBLIC

Reporting Year: 2009

Full Name: URAO Richard

Location: Na Bídnici 2
CZ-412 01 Litomerice

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 (hydraulic 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: | |
|-----------|--|

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 |
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| | |
|------------|-----|
| List SRS? | Yes |
| List UMMT? | No |

| | | | |
|-------------------------|-----------------------------|------------------------|------|
| Type: | rock cavern (mountain/hill) | | |
| Facility is modular? | No | | |
| Capacity existing (m3): | 8400 | Capacity planned (m3): | 8400 |

| | | | |
|------------|-------|--------------|---------------------|
| Depth (m): | 30-60 | Host medium: | sedimentary (other) |
|------------|-------|--------------|---------------------|

| 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 8400 m3 can be used for disposal of RAW. At the end of 2004 about 6260 m3 of RAW, at the end of 2006 about 6478 m3 of RAW and at the end of 2007 about 7300 m3 were disposed.