

## Site (Structure) : Püspökszil

Country: HUNGARY

Reporting Year: 2009

Full Name: Radioactive Waste Treatment and Disposal Facility (RWTDF)

Description: The Radioactive Waste Treatment and Disposal Facility is the repository for institutional low and intermediate level radioactive wastes. This repository is a typical near-surface facility, composed of concrete trenches (vaults) and shallow wells for spent sealed sources.

Official Website:

License Holder(s): Public Agency for Radioactive Waste Management Ltd. (PURAM)

Comment # 339: Percentage of Capacity Used

The percentage of disposal facility capacity used takes in to consideration the volume of waste plus losses due to voids, buffer and backfill materials

Waste management facilities that are located at this site:

<b>Facility:</b>	<b>SSRS</b>
Description:	SRS steel lined disposal wells (see comment 7620)
Detailed Facility Description:	The spent sealed radioactive sources were placed into storage tubes covered by shielding tubes.
Waste Packages:	Direct disposal on wells.
Facility Operation:	Public Agency for Radioactive Waste Management Ltd. (PURAM)
Financing:	Central Nuclear Financial Fund (CNFF)

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**Disposal part of facility SSRS**

The following shows disposal status for waste classes and SRS.

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

List SRS?	Yes
List UMMT?	No

Type:	engineered surface		
Facility is modular?	No		
Capacity existing (m3):	2	Capacity planned (m3):	2

Depth (m):	6	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
site selection	1974	1974	False
design	1974	1974	False
construction	1974	1976	False
commissioning	1976	1977	False
operation	1977	0	False

Comment **# 7620: facility capacity**

The capacity (existing and planned) is 1.6 m3. The repository consists of an array of boreholes lined with stainless steel with an approximate diameter of 10-20 cm and 6 m deep.

The NEWMDB has a limitation that only integer values can be entered for capacity, therefore the value shown for the facility was rounded by the database to 2 m3

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<b>Facility:</b>	<b>STORAGE</b>
Description:	Storage for long lived radioactive waste
Detailed Facility Description:	The building is a centralised interim store for institutional radioactive wastes which are not suitable for near-surface disposal. In the basement of the building special wells (boreholes) were prepared for the storage of spent sealed radioactive sources.
Waste Packages:	200 l metal drums and 1,2 m3 metal boxes (container) for wastes, 0,5 - 5 l special tubes for SRS.
Facility Operation:	Public Agency for Radioactive Waste Management Ltd. (PURAM)
Financing:	Central Nuclear Financial Fund (CNFF)

**Storage part of facility****STORAGE**

The following shows storage status for waste classes and SRS.

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

List SRS?	Yes
List UMMT?	No

Capacity:	200 m3 for solid waste 2.75 m3 for SRS
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## Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Store	building	2005	No	No	No	No
Well	well	2005	No	No	No	No

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**Processing part of facility                      STORAGE**

The following shows processing status for waste classes and SRS.

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

Type:	Treatment
Year opened:	2006

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<b>Facility:</b>	<b>VAULTS</b>
Description:	Concrete disposal vaults
Detailed Facility Description:	60 vaults with 70 m3 and 6 vaults with 140 m3 capacity.
Waste Packages:	200 l metal drums and 1,2 m3 metal box (container) for wastes
Facility Operation:	Public Agency for Radioactive Waste Management Ltd. (PURAM)
Financing:	Central Nuclear Financial Fund (CNFF)

**Disposal part of facility VAULTS**

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	engineered surface		
Facility is modular?	No		
Capacity existing (m3):	5040	Capacity planned (m3):	5040

Depth (m):	6	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
site selection	1974	1974	False
design	1974	1974	False
construction	1974	1976	False
commissioning	1976	1977	False
operation	1977	0	False
ACTIVITY: upgrading	2001	0	False

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**Processing part of facility**                      **VAULTS**

The following shows processing status for waste classes and SRS.

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

Type:	Treatment, Conditioning
Year opened:	1977