

Site (Structure) : B́ataaṕati

Country: HUNGARY

Reporting Year: 2009

Full Name: National Radioactive Waste Repository (NRWR)

Description: The National Radioactive Waste Repository (NRWR) is the repository for LLW/ILW coming from the operation and decommissioning of the Paks nuclear power plant. This is underground (granitic) repositories at up to 250 m depth were considered. The disposal area is chamber-type arrangement for the waste drums and the disposal containers.

Official Website:

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

Waste management facilities that are located at this site:

Facility:	DISPOSAL
Description:	intermediate depth disposal of solid (or solidified) LLW and ILW waste from NPP
Detailed Facility Description:	The repository chambers are designed for safe disposal of low and intermediate radioactive waste streams arising from the operation and later decommissioning of Paks Nuclear Power Plant.
Waste Packages:	9 metal drums (200 l each) in a 7 m ³ reinforced concrete container
Facility Operation:	Public Agency for Radioactive Waste Management Ltd. (PURAM)
Financing:	Central Nuclear Financial Fund (CNFF)

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Disposal part of facility**DISPOSAL**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Solid_LL	No	Yes

List SRS?	No
List UMMT?	No

Type:	geological (cavern)		
Facility is modular?	Yes		
Capacity existing (m3):	0	Capacity planned (m3):	27000

Depth (m):	250-300	Host medium:	crystalline rock (granite)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1993	1996	False
site selection	1996	2005	False
design	1996	0	False
construction	2006	0	False
commissioning	2008	0	False

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Facility:	STORAGE
Description:	Buffer storage in operational/technological building (on-surface) of the National Radioactive Waste Repository
Detailed Facility Description:	The hall of the technological building is buffer storage, where waste packages remain until their final packaging is completed (example the drums move into the reinforced concrete container).
Waste Packages:	200 l metal drums
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
Solid_LL	Yes	Yes

List SRS?	No
List UMMT?	No

Capacity:	3000 metal drums (200 l)
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
O.Building	building	2008	No	No	No	No

Processing part of facility STORAGE

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
Solid_LL	No	Yes

Type:	Conditioning
Year opened:	2012