

## Site (Structure) : Paks

Country: HUNGARY

Reporting Year: 2009

Full Name: Paks Nuclear Power Plant

Description:

Official Website:

License Holder(s): Paks Nuclear Power Plant Ltd.

Waste management facilities that are located at this site:

<b>Facility:</b>	<b>Compaction</b>
Description:	Solid waste compression for in-drum compactor.
Detailed Facility Description:	To reduce the volume of compactable radioactive waste, 500 kN press is used, achieving an average reduction factor 5.
Waste Packages:	200 I metal drums.
Financing:	Paks Nuclear Power Plant Ltd.

**Processing part of facility                      Compaction**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
Solid_LL	Yes	Yes
Solid_HL	No	No
Liquid_EC	No	No
Liquid_RE	No	No
Liquid_O	No	No

Type:	Treatment
Year opened:	1988

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<b>Facility:</b>	<b>Evaporat.</b>
Description:	Liquid waste evaporation
Detailed Facility Description:	Waste waters with chemical content are generated from various sources within the controlled zone of the power plant. These water solutions with low (3-5 g/dm <sup>3</sup> ) solid content contain all the dissolved chemicals that are used for maintaining the water regime of the primary coolant, reconditioning of the water purifiers, fine adjustment of the reactor power and decontamination purposes. After chemical treatment, the collected waste waters are evaporated to produce a concentrate containing about 200 g/dm <sup>3</sup> boric acid.
Waste Packages:	Special tanks was designated for storing evaporator bottoms.
Financing:	Paks Nuclear Power Plant Ltd.

**Processing part of facility                  Evaporat.**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
Solid_LL	No	No
Solid_HL	No	No
Liquid_EC	Yes	Yes
Liquid_RE	No	No
Liquid_O	Yes	Yes

Type:	Treatment
Year opened:	1985

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<b>Facility:</b>	<b>PaksStore</b>
Description:	Storage for operational waste
Detailed Facility Description:	The solid and liquid radioactive wastes that are generated during the operation of the nuclear power plant are processed and temporarily stored in the plant.
Waste Packages:	200 l metal drums for solid_LL waste, 381 - 550 m3 tanks for liquid waste, wells for solid_HL waste
Financing:	Paks Nuclear Power Plant Ltd.

**Storage part of facility PaksStore**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
Solid_LL	Yes	Yes
Solid_HL	Yes	Yes
Liquid_EC	Yes	Yes
Liquid_RE	Yes	Yes
Liquid_O	Yes	Yes

List SRS?	No
List UMMT?	No

Capacity:	1500 m3 for solid_LL 11100 m3 for liquid 220 m3 for solid_HL
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## Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
SOLID_LL	building	1982	No	No	No	No
LIQUID	tank (other)	1982	No	No	No	No
SOLID_HL	well	1982	No	No	No	No