

Site (Structure) : Olkiluoto

Country: FINLAND

Reporting Year: 2009

Full Name: Olkiluoto NPP

Location: Eurajoki, Finland

Description:

Official Website:

License Holder(s): Teollisuuden Voima Oy

Waste management facilities that are located at this site:

Facility:	NPP-Area					
Description:	Power plant storage area					
Storage part of facility						
NPP-Area						
The following shows storage status for waste classes and SRS.						
Waste Class	Actual	Planned				
reactor waste	Yes	Yes				
spent fuel	Yes	Yes				
List SRS?	No					
List UMMT?	No					
Capacity:	Nuclear power plant area can be used for storing purposes for waste that will not be disposed immediately.					
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
NPPStorage	building	2000	No	No	No	No

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Facility:	OL1
Description:	processing and storage of reactor waste

Storage part of facility OL1

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
reactor waste	Yes	Yes
spent fuel	No	No

List SRS?	No
List UMMT?	No

Capacity:	activated components can be stored here at loading ponds etc.
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
OL1	building	1978	No	No	No	No

Processing part of facility OL1

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
reactor waste	No	No
spent fuel	No	No

Type:	Treatment, Conditioning
Year opened:	1978

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Facility:	OL2					
Description:	processing and storage of reactor waste					
Storage part of facility OL2						
The following shows storage status for waste classes and SRS.						
Waste Class	Actual	Planned				
reactor waste	Yes	Yes				
spent fuel	No	No				
List SRS?	No					
List UMMT?	No					
Capacity:	activated components can be stored here at loading ponds etc.					
Types of Storage Units						
Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
OL2	building	1980	No	No	No	No
Processing part of facility OL2						
The following shows processing status for waste classes and SRS.						
Waste Class	Actual	Planned				
reactor waste	No	No				
spent fuel	No	No				
Type:	Treatment, Conditioning					
Year opened:	1980					

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Facility:	VLJ-KAJ
Description:	KAJ silo in the VLJ-Cave repository. The KAJ silo is used to dispose of mainly the intermediate level waste (ILW) component of low and intermediate level (LILW) reactor waste

Disposal part of facility VLJ-KAJ

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
reactor waste	Yes	Yes
spent fuel	No	No

List SRS?	No
List UMMT?	No

Type:	geological (cavern)		
Facility is modular?	No		
Capacity existing (m3):	6400	Capacity planned (m3):	6400

Depth (m):	100	Host medium:	crystalline rock (granite)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1980	1986	False
site selection	1980	1983	False
design	1983	1986	False
construction	1988	1991	False
commissioning	1991	1991	False
operation	1992		False

Comment # 9711: Disposal Facility VLJ-KAJ

The total volume of disposed waste in MAJ- and KAJ-silos without overpackings will be about 8800 m3. The % capacity used reported in Framework is based on the volume of waste plus overpacks. However, the volume of waste disposed reported in Waste Data does not include overpack volumes. Therefore, if someone calculates % capacity used based on capacity of facility and volume of waste reported, the calculated value will not equal the reported % capacity used.

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Facility:	VLJ-MAJ
Description:	MAJ silo in the VLJ-Cave repository. The MAJ silo is used to dispose of mainly the low level waste (LLW) component of low and intermediate level (LILW) reactor waste

Disposal part of facility VLJ-MAJ

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
reactor waste	Yes	Yes
spent fuel	No	No

List SRS?	No
List UMMT?	No

Type:	geological (cavern)		
Facility is modular?	No		
Capacity existing (m3):	9100	Capacity planned (m3):	9100

Depth (m):	100	Host medium:	crystalline rock (granite)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1980	1986	False
site selection	1980	1983	False
design	1983	1986	False
construction	1988	1991	False
commissioning	1991	1991	False
operation	1992		False

Comment # 9710: Disposal Facility VLJ-MAJ

The total volume of disposed waste in MAJ- and KAJ-silos without overpackings will be about 8800 m3. The % capacity used reported in Framework is based on the volume of waste plus overpacks. However, the volume of waste disposed reported in Waste Data does not include overpack volumes. Therefore, if someone calculates % capacity used based on capacity of facility and volume of waste reported, the calculated value will not equal the reported % capacity used.