

Site (Structure) : Olkiluoto

Country: FINLAND

Reporting Year: 2007

Full Name: Olkiluoto, the forthcoming repository for spent fuel

Location: Olkiluoto, Eurajoki municipality

Description:

Official Website:

License Holder(s): not licensed, the operator will be Posiva Oy.

Waste management facilities that are located at this site:

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Facility:	SFdisposal
Description:	All Finnish spent nuclear fuel is planned to be disposed at the Olkiluoto SF repository. The construction licence application will be current in 2012 and the operating licence application in 2020.

Disposal part of facility **SFdisposal**

The following shows disposal status for waste classes and SRS.

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

List SRS?	No
List UMMT?	No

Type:	geological (cavern)
Facility is modular?	No

Depth (m):	400-700	Host medium:	crystalline rock (gneiss)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1983	1985	False
site selection		2001	False
design		2003	False
construction	2012		True

Comment **# 9657: Disposal Facility SFdisposal**

Posiva has started grouting an underground rock laboratory, called ONKALO, in 2004. One of the main purposes of ONKALO is to verify the suitability of the site for disposal. ONKALO is also planned to be part of the forthcoming disposal repository.