



Decommissioning plan for Loviisa & Olkiluoto NPPs Finland

2004-2014
(on-going)

The work has included decommissioning planning of Olkiluoto and Loviisa NPP units (OL1/OL2, Lo2/Lo2) during the last 10 years.

Power Plant: BWR (TVO), PWR (Fortum)

Location: Olkiluoto/Loviisa, Finland

Customer: TVO Oyj and Fortum Power and Heat Oy

Project duration: 2004-2014 (on-going)

DESCRIPTION

Fortum has formalized complete safety case for final disposal of decommission waste from Olkiluoto NPP, including all existing units, and the units under construction or planned. This work consist of ground water flow analysis, long-term evaluation of the repository and it's environment, long-term safety analysis and studies of specific issues, like intrusion or gas generation after the closure of the repository.

Also estimation of radiation dose rates for personnel during decommissioning and for people living near the repository has been made.

Fortum has updated the work plan and cost estimate of the preparatory phase of decommissioning of the units. In addition to above for Lo NPP Fortum has made a 3D CAD model of the plant as well as a preliminary design of the final disposal plant. All these works have included also cost estimation for the decommissioning work.

Fortum, Generation
P.O. Box 100, FI-0048 FORTUM, Finland
Tel. +358 10 45 11, @FortumNuclear
www.fortum.com/nuclearservices

For further information:
Anni Jaarinen
Tel. +358 40 825 7217
anni.jaarinen@fortum.com

