



Baltic Marine Environment Protection Commission

Expert Group on Monitoring of Radioactive Substances
in the Baltic Sea

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Background

This document gives a short overview of the Swedish facilities in decommissioning where radioactive materials are handled or have been handled.

Action

The Meeting is invited to take note of the information.

Information from Sweden

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This paper will give a short overview of the Swedish facilities in decommissioning where radioactive materials are handled or has been handled.

Former uranium milling facility in Ranstad

- shut down 1984/2009
- decommissioning and clearance measurements essentially completed
- currently production of the final decommissioning report and an archive
- environmental surveillance of tailings

Studsvik materials research reactors

- shut down 2005
- decommissioning commenced in 2015 and essentially completed for systems and components
- decontamination and clearance of structures ongoing

Ågesta reactor (PHWR)

- shut down 1974, since then in care and maintenance operation
- decommissioning -applications planned in 2019
- preparatory activities, e.g. radiological characterization, are ongoing
- large-scale Decommissioning planned to commence ~2020

Barsebäck NPP (BWR)

- shut down: 1999 (unit 1) and 2005 (unit 2)
- segmentation of reactor internals completed in unit 2 and ~70% completed in unit 1
- decommissioning -applications in Dec 2018
- application for new LLW-interim storage facility 2019
- preparatory activities, e.g. radiological characterization, are ongoing
- large-scale decommissioning planned to commence 2020

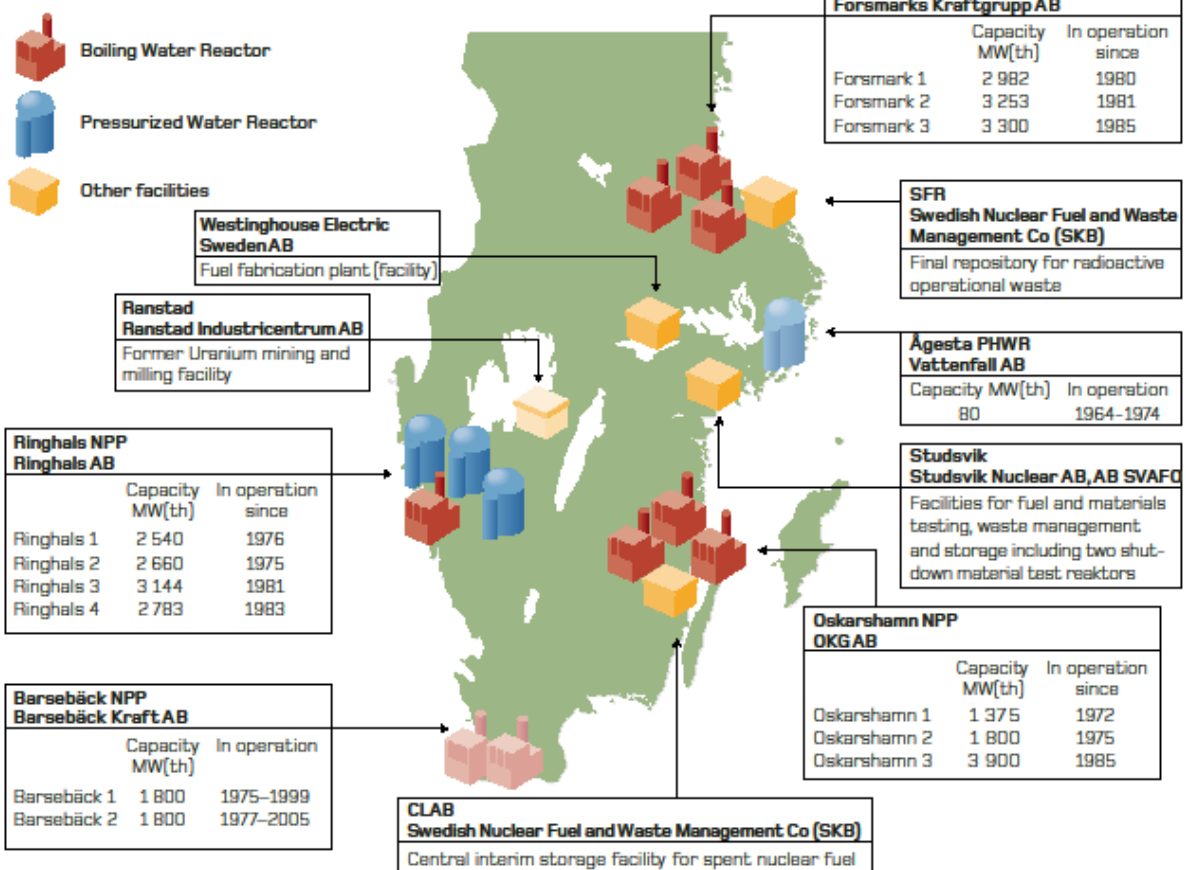
Oskarshamn NPP (BWR)

- shut down: 2017 (unit 1) and 2016 (unit 2)
- preparatory activities, e.g. defueling, radiological characterization, adapting organization, separation from unit 3 are ongoing
- segmentation of reactor internals ~70% completed in unit 2
- decommissioning application for unit 1 under review
- decommissioning application for unit 2 in Nov 2018
- decommissioning planned to commence in 2019 in unit 1 (reactor internals) and unit 2 (turbine)

Ringhals NPP (BWR and PWR)

- final shutdown planned in 2020 (unit 1) and 2019 (unit 2)
- application of license transfer to Vattenfall during 2019
- (initialization of) preparatory activities, e.g. radiological characterization and separation from units 3&4
- large-scale decommissioning planned to commence after license transfer in 2022

Nuclear Facilities in Sweden



Decommissioning timescale for nuclear facilities in Sweden.

