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SKB's program for low- and intermediate level waste (LILW)

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Abstract

This poster will present SKB's program for low- and intermediate level waste. Including the facilities, both in operation and planned, to manage both operational and decommissioning waste.

It will also present what is ongoing in the field of decommissioning at SKB and the status of our projects in designing the future facilities for both the short-lived and long-lived decommissioning waste.

The short-lived waste from operation of NPPs and from other, small, producers e.g. research and medicine is disposed of in the SFR facility since 1988. The facility was scheduled for an extension in early 2000 but due to efficient waste minimisation and on-site disposal of very low-level waste at the NPPs and in Studsvik the repository is now expected to accommodate operational waste for a few more decades to come.

Some of the NPPs e.g. Barsebäck, are scheduled for dismantling from the year 2010. The quantities of decommissioning waste are estimated in ongoing decommissioning studies performed by SKB in cooperation with the utilities. The decommissioning of nuclear facilities requires an extension of the disposal facility. This is an ongoing SKB project and the extended repository for short-lived decommissioning waste is planned to be operational from the year 2010.

Long lived radioactive waste from both operation and future decommissioning as well as from research and other nuclear activities is and will be stored until a separate repository for long-lived low- and intermediate level waste will be in operation which is around 2045 according to today's planning.