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Geological disposal Consequences

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Development



40 years' effort



Studies into geologic disposal started

Site selection research

Selection of Olkiluoto

Construction of ONKALO and site confirmation studies in Olkiluoto

Construction of disposal facilities

Test operation, commissioning

Start of disposal in the early 2020's

1978

1983

1997

2001

2004

2012

2015

Application for the operation license

Government's decision on timetable

Decision in principle by the Government and the Parliament

Application for the construction license

Construction license granted by The Finnish Government 12.11.2015



DIP in 2001 on the geological disposal of SNF

Decisive arguments in Parliament

- “Aiming at final disposal is a better solution than just resorting to interim storing”
- “Option for retrievability of waste canisters must be maintained”
- “The present generation has to accept responsibility for nuclear waste”

Posiva's key elements

- Posiva has followed the main schedule made in 1983
- Being a pioneer is challenging scientifically, technically and economically
- In preparing for production, industrialization of the final disposal is our main focus
- The RB needs to maintain its independency but build and maintain competence
 - Open dialogue has been and is still needed!

Kiitos Thank you

