



Strål
säkerhets
myndigheten

Swedish Radiation Safety Authority

Spent Fuel Disposal in Sweden

Strålsäkerhetsdagen
2 oktober 2018



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Head of Disposal

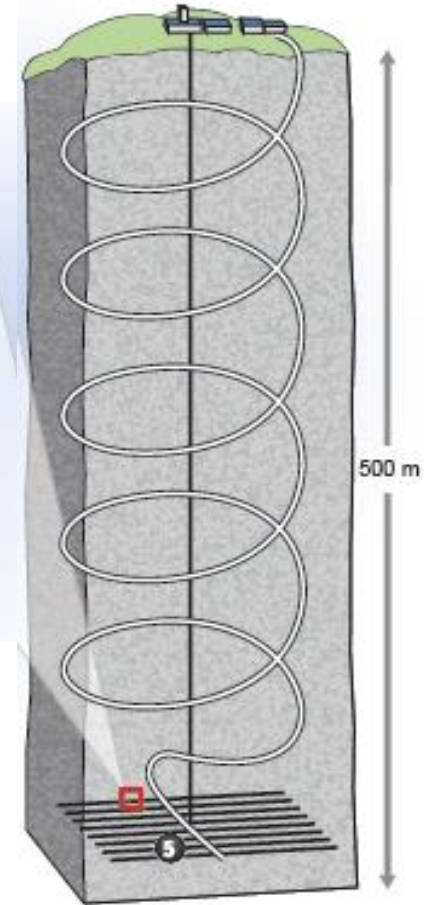
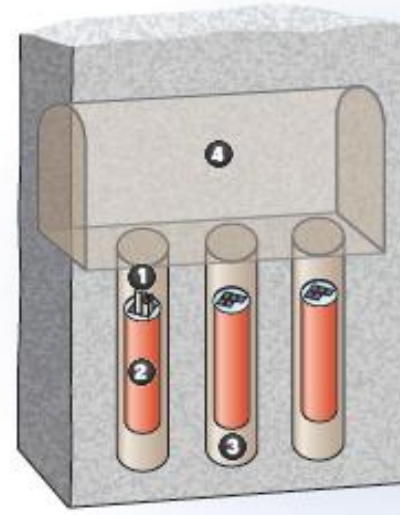
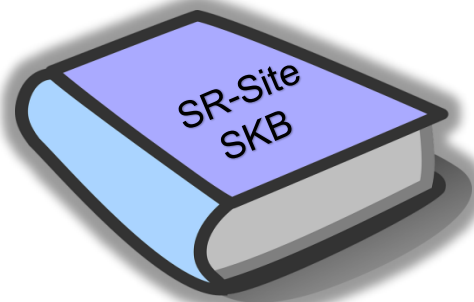
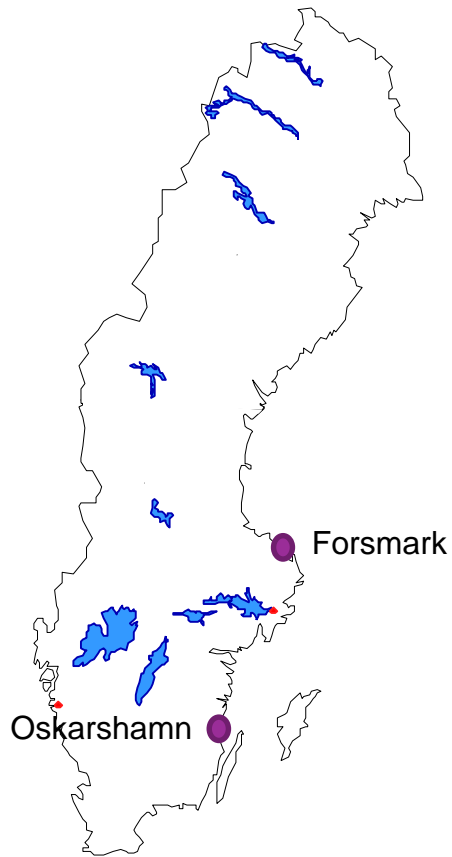


Where do we stand today

- A more than 40 year long process
- Applications for a repository and an incapsulation plant in 2011
- Parallel Review Process
 - Land and Environment Court
 - SSM
- Statements in January 2018
- The decision now lies with the Government



The suggested method





How did we get here

The Regulators competence building

No TSO



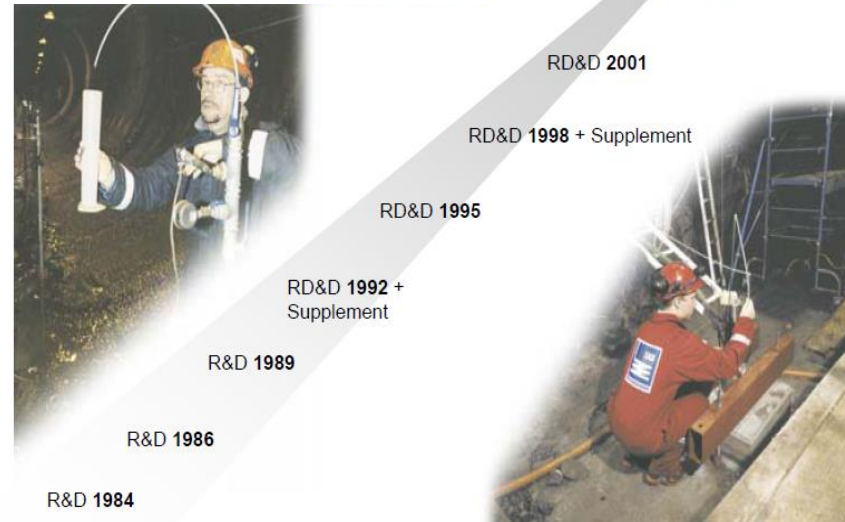
Conducted own research since early 90's

A research programme was developed

- Technical aspects
- Safety assesment methodology

Funding from the Nuclear Waste Fund
2000-2018: ~25 M €

The industry's RD&D Programmes





Challenges

- ➔ SSM is a small organisation in a small country
- ➔ SSM compete with SKB for researchers
- ➔ Maintain a strategy and not rely too much on "overengaged" reviewers
- ➔ To evaluate and interpret results
- ➔ Different results and/or different views
- ➔ Transparency and openness
- ➔ To go from basic research to sharp review



Where do we go now

✓ More research is needed

✓ Coming reviews

– Extension of SFR

– SFL

– PSAR, SAR