



Strål
säkerhets
myndigheten

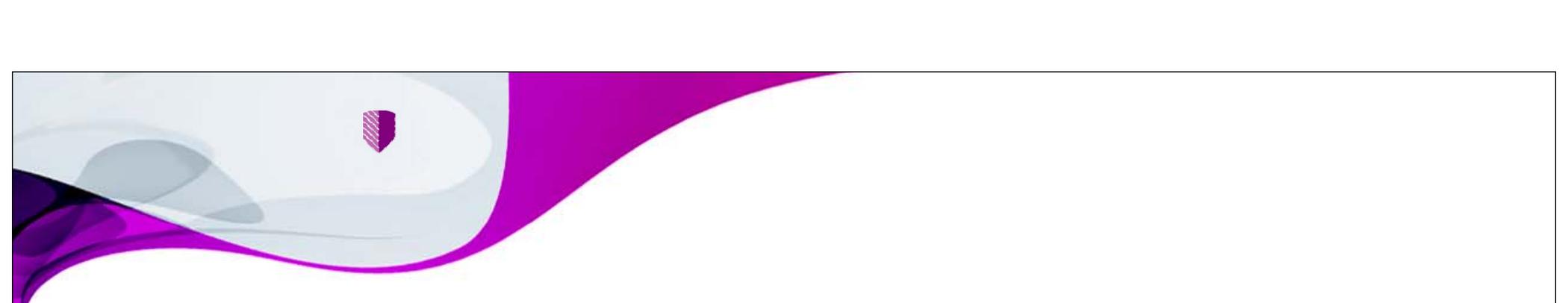
Swedish Radiation Safety Authority

Challenges to Regulators

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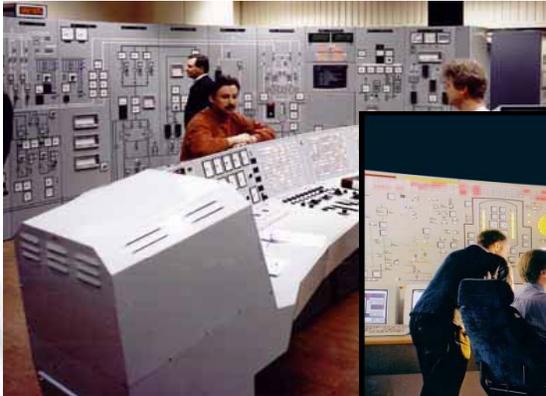
Sweden



Overview

- ➔ 1. Generational Shifts and Competence Needs in a Changing World
- ➔ 2. Co-operate vs. Harmonise in Regulating Nuclear Safety
- ➔ 3. Transparency – a Prerequisite in Licensing

Managing Generational Shifts



- New technique - and new build?
- New and old knowledge & skills
- Training, transfer and development of knowledge
- Organisational memory

Competence Needs in a Changing World



- Safety up-grades and refurbishment
- Few vendors and contractors
- High priority on planning & follow-up
- Business economists – evaluate safety impact!

Regulating Nuclear Safety: Co-operate vs. Harmonise



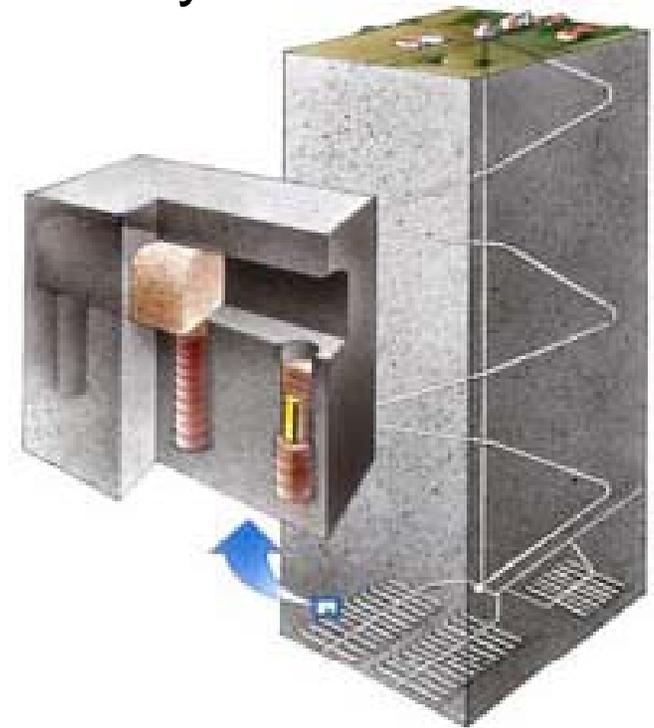
A-L Eksborg
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- International benchmarking
Convention on Nuclear Safety
 - Co-operation, e.g. WENRA
 - EU → Highest Standards for
Nuclear Safety – Stress tests
- National competence and
responsibility
- Swedish facilities are licensed
in Sweden



Transparency – a Licensing Prerequisite

- Siting and licensing of waste repository
- Participation of stakeholders
- Dialogue



Continuous Follow-up of Research & Development work

RD & D Programmes



R&D 1984

R&D 1986

R&D 1989

RD&D 1992 +
Supplement

RD&D 1995

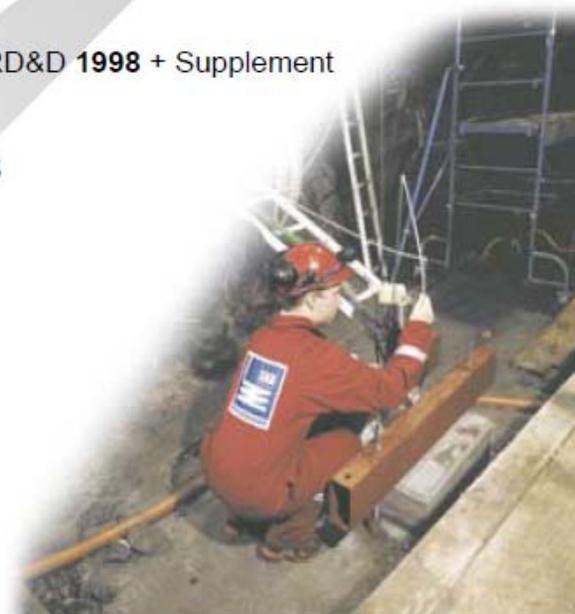
RD&D 1998 + Supplement

RD&D 2001

RD&D 2004

RD&D 2007

RD&D 2010



Challenges in Summary

SSM core values

Trustworthiness → Generational shifts & competence

Integrity → Co-operate, but independent and accountable

Transparency → Transparency in work & decisions

