



Strål
säkerhets
myndigheten

Swedish Radiation Safety Authority

Decommissioning Experience and Expectations in Sweden from a Regulator's Point of View

Simon Carroll

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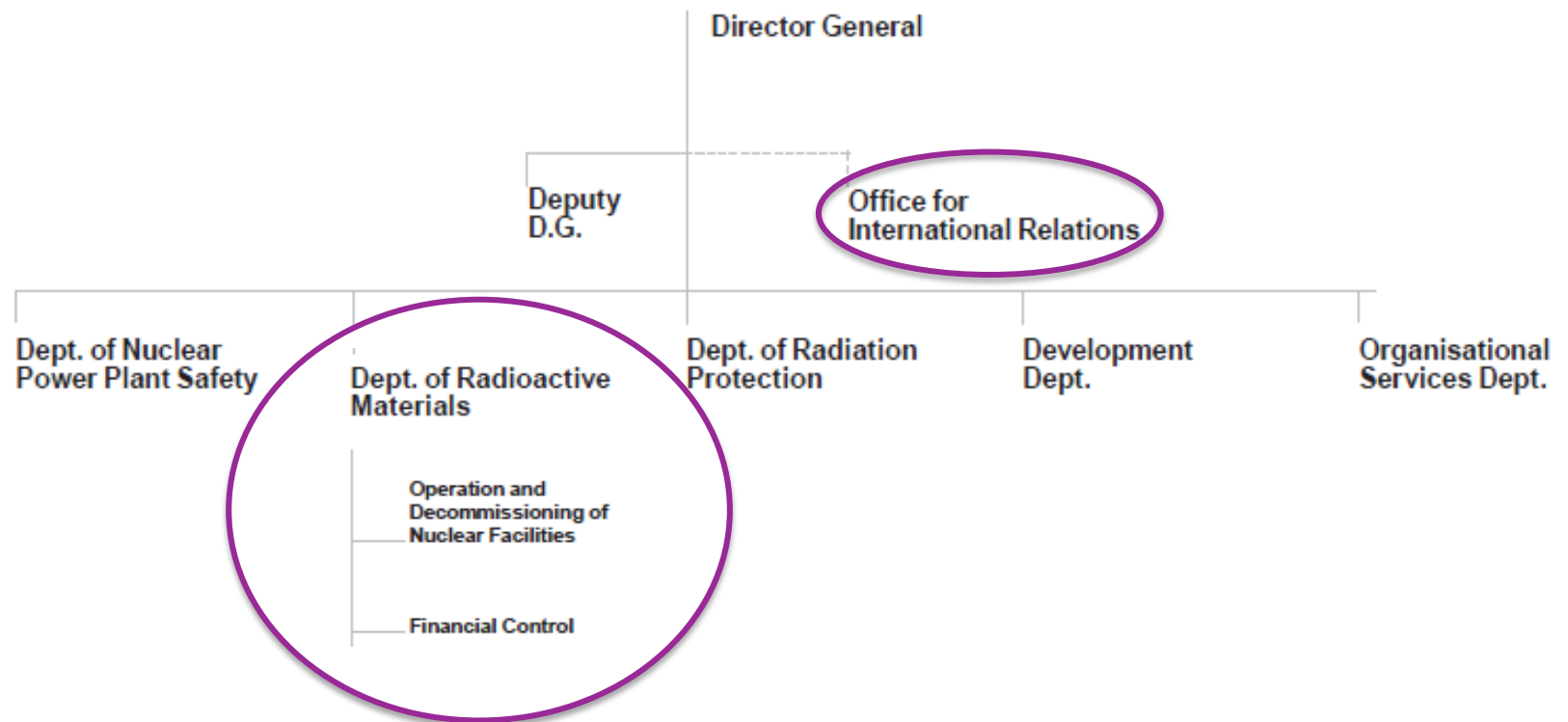
Presentation to Session #3 – “**Challenges**”



This presentation

- ➔ The Swedish Radiation Safety Authority, *SSM*
- ➔ Features of the national programme
- ➔ Decommissioning in Sweden
- ➔ SSM's interactions in the context of decommissioning
 - 3 examples
- Concluding remarks - communication, transparency & participation

The Swedish Radiation Safety Authority, SSM



Simon Carroll, SSM
Moscow, 10 November 2015



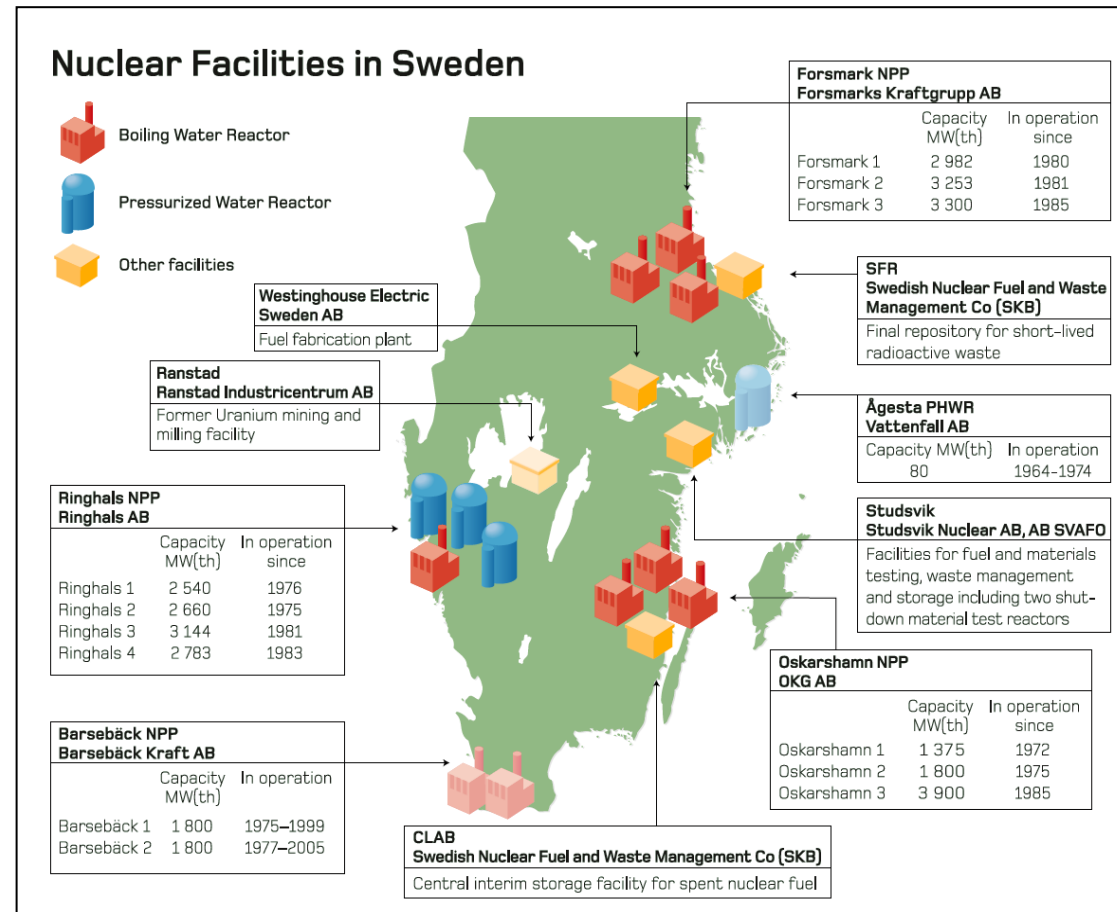
Features of the national programme

- Consistent long term national strategies & planning
 - Continuous research & development program
 - Implementation of storage & disposal solutions
 - Integrated approach to waste & decommissioning
 - Financial arrangements in place and working
- Clear division of responsibilities between actors
- Integrity, competence & independence of the regulator
- Openness & transparency, active stakeholder involvement



Decommissioning in Sweden

- ➔ Limited experience to-date
- ➔ A number of projects underway & imminent
 - Ranstad facilities
 - Research facilities
 - First commercial NPP
- ➔ Further closure of NPPs
- ➔ Interactions with waste management system





SSM's interactions in the context of decommissioning

- ➔ Three examples:
 - In SSM's own decision-making
 - Where SSM gives inputs as a stakeholder into other decision-making processes
 - Where SSM needs to be aware of decisions taken by other competent organisations

SSM's own decision-making

- *e.g. SSM's review of aspects of planning for decommissioning; review of R, D, & D programmes; financing provisions*
- Based on submissions, application from industry
- SSM seeks and receives input from a range of stakeholders
 - Dialogue with stakeholders
 - SSM's initial review circulated & published for comment
 - Stakeholders comments explicitly addressed in SSM's final review and proposals/decisions

SSM gives inputs into other decision-making processes

- *e.g. SSM provides expert advice related to decommissioning project decisions pursuant to the Environmental Code*
- Dialogue with industry and other competent authorities prior to application to the Court
- Review of the application by SSM
- Formal advice & testimony submitted by SSM
- Binding judgement by Court, to be followed by all parties in their respective activities

Impact of decisions taken by other competent organisations

- *e.g. building permit decisions taken by local authority on interim waste storage*
- SSM needs to be aware of the decision and analyse the implications
- May need to be taken into account by SSM:
 - In its direct regulatory oversight roles
 - Because of potential indirect effects on the planning or execution of decommissioning projects, timing, cost projections, etc



Communication, transparency & participation in SSM's work

- ➔ Public insight into regulatory activities & role in decision-making
- ➔ Legal provisions for transparency and public participation, rights of access to information
- ➔ Opportunities for effective participation as part of the decision-making process
- ➔ Active stakeholder involvement, incl. financial support to NGO's



Thank you!

Simon Carroll

Strålsäkerhetsmyndigheten

Swedish Radiation Safety Authority

[E-post: simon.carroll@ssm.se](mailto:simon.carroll@ssm.se)