Implementation of BSS regarding RPE and RPO in Sweden
Nuclear facilities

Existing requirements to have a radiation protection directors at nuclear facilities (NF) will be continued.

- That person must be approved by the competent authority as the NF's radiation protection expert

- Requirements are placed in appropriate regulations

- Procedure for approval exists but need to be clarified and better documented
Nuclear facilities

- the requirement text regarding radiation protection function is contained in proposals for new basic regulations

- therefore: no need to introduce new requirements or approval of a specific RPO function for NF
Occupational exposure

Current requirements for RPE in:
- Industrial open site radiography
- Extensive work with unsealed radioactive sources
- Operations with accelerators (>1MeV)
- Sealed sources > 100GBq
- Veterinary nuclear medicine
- Certain medical practices

Licensed activities are required to appoint contact persons.
Competence requirement vary between:
- enough for the task
- the level of qualified expert
Occupational exposure

With the new BSS a RPE is required for licensed practices:

- Clearer requirements for approval of the RPE
  - Formal education and training requirements, special course in national regulations and formal professional experience requirements

- RPE is made a generally available resource in Radiation Protection
  - external consultants on an open market and
  - may include SSM / TSO support for certain practices

- Introduction of RPO equivalent competence in most activities:
  - education / competence requirements which are reconciled with a graded approach with respect to the activity or practice
  - employer identifies the competence required with assistance by an RPE if needed based on the BSS RPO task list.
Issues

- **Graded approach** - the method applied for
  - licensing,
  - notifications and
  - exempted practices-
  - from NPP’s in operation by "one-man practices"

- Put in place a system for ET and
- Develop further the recognition of RPE
Thank You for your attention