



Strål
säkerhets
myndigheten

Swedish Radiation Safety Authority

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 ($>1\text{MeV}$)
- Sealed sources $> 100\text{GBq}$
- Veterinary nuclear medicine
- Certain medical practices

Licensed activities are required to appoint contact persons.

Competence requirement vary between:

- enough for the task
- and
- 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