



Schweizerische Eidgenossenschaft
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Eidgenössisches Nuklearsicherheitsinspektorat ENSI



Regulatory Body Representatives Meeting 8th April 2014, Berne (6th in Europe)

TOPIC:

Exchange of Information about Legal Rules
and Regulatory Requirements regarding
**Responsibilities, Competences and
Training in Radiation Protection of NPP**



Motivation



Questions:

- Are improvements on the national system of education and training necessary?
- Do we have enough competence inside NPP for RP?
- Who (in the NPP) needs which competences in RP?
- Which positions and functions exist in NPP organisation and outside and
- which responsibilities do they take, which tasks do they have?
- How does the national RP systems look like and how does the EU-BSS requirements fits to them?



Motivation



2013: enactment of the revised Euratom Basic Safety Standards:

- new definition of RP Expert, RP Officer, ...

RPE:

- main task: giving **advice** in all matter of RP to licensee
- competence: *very high*
- qualification has to be **recognized** by authority

RPO:

- main task: monitoring and supervision
- competence: *medium*
- No requirement about recognition

2018: the national legislation of all EU member states have to comply with EU-BSS, several countries are meanwhile in revision process of their regulations



Preparation and Performance of RBM

for preparation the meeting
questionnaire was send to all regulatory bodies inside
ISOE

8 answers to the questionnaire returned:
France, Finland, Germany, Japan, Slovenia, Spain,
Sweden, Switzerland

16 Regulatory Body Representatives from 9 countries
took part on the meeting



Agenda



- introduction
- **presentations of national systems in RP of NPP**
- **discussion** about
 - definition of RPE and RPO in EU-BSS and its implementation into national legislation
 - similarities and differences
 - remarkable ideas
 - harmonization and cross-border-recognition ...
- **conclusion, further steps**



First results



In most countries:

- the larger part of responsibilities and tasks in RP is taken by a **RP-Unit** which is a part of NPP organisation and has to be independent to the other units as operation, maintenance, ...
- the **Head of RP-Unit** (and its colleagues) have the function of RPE and RPO
- different **qualifications levels** for RP-Professionals exist
mostly determined by the associations of NPP utilities



First results



Differences and Specialities:

- Only two countries (SE, NL) have **separated** positions in NPP organisation for the two functions RPE and RPO.
- The required **RP education and training program** for “RP-Manager”/”Head of RP-Unit” differs between some weeks (SE) and ½ year (ES).
- The minimum **duration of on-the-job experience** in the particular NPP requested for recognition as RP-Manager ranges between ½ year (CH) up to 3 years (ES)



New Questions arises



- How to exam and recognise competences like **safety culture, behaviour, attitude, leading qualifications, communication readiness?**
- How to establish and improve education and training programs for RP-Manager for “**small**” **countries?**
- How does the NPP-organisation, the responsibilities and tasks in RP and the necessary competences will change regarding the turn from normal operation to **decommissioning?**



Output of Regulatory Body Meeting



a **report** will be drawn up containing

- **the status and content of**
 - **national legal basis**
 - **regulatory guidelines as well as**
 - **recommendations of association**
- **overview of similarities**
- **specialities, good practices and remarkable ideas**

we like to ask the NPP utilities for comments

and of course this report will be

available on ISOE internet for all