

Regulatory Body Representatives Meeting

ISOE Symposia in Prague 2012

Conclusion



Motivation for the 5. RBM

- 2011 EG-SAM was founded after the shock of Fukushima
- ISOE takes care of
 - the lessons learned in severe accidents
 - as well as information about national provisions for RP of the staff during and after severe accident and in the recovery phase
- therefor the topic proposed at 2011 Management Board in Paris:

Topic of ISOE RBM Day 2012

**„Legal Rules and
Regulatory Requirements for the
Occupational Radiation Protection
in Severe Accident Situations and
Post Accident Recovery”**



Stimulating the 5. RBM

- We sent a questionnaire to all Regulatory Bodies in ISOE
- And got answers from
 - China
 - Czech
 - Finland
 - France
 - Germany
 - Japan (as a presentation)
 - Slovakia
 - Spain
 - Sweden (as a presentation)
 - Switzerland (not completed yet)

RBM Day

Participants at RBM Day:

- Czech Republic, Spain, Sweden, Finland, Germany, Switzerland, Netherland, France

Schedule:

- **welcome** and preface
- **national presentations:** France, Sweden, Czech, Finland
- **discussion on items from the compilation of all information including answers to questionnaire**
- **outlook:** discussion on further steps to add the information to the EG-SAM-Report

Main Points which were discussed

1. Principles and Dose Levels in Severe Accident Situations
2. Design Requirements
3. Company Instructions and Concepts
4. Emergency Organization
5. Monitoring of the Plant Site
6. Protective Measures
7. Individual Monitoring
8. Medical and Psychological Care
9. Training (no time left for discussion)
10. Exercises
11. Recovery Phase:
 1. Definition and/or Criteria for the End of Accident
 2. ALARA in the Recovery Phase
12. Documentation

Conclusion and Outlook

- Lessons learned from the exchange of information about existing regulations on RP emergency preparedness were impressive
- Principles are mostly identical in all participating countries
- Differences in the details are clearly visible, for example
 - Dose Level, which should be considered for rescue life actions, have a wide range from 200 mSv up to 1 Sv
 - RP involvement in the On Site Emergency Organization
 - ...
- It is planned to bring all information together in one report about regulations on ORP in SAM (Compilation on Answers)
- gaining a powerful data base as an input to the EG-SAM-Report from the view of Reg Body