

Annual Forum on Decommissioning
IAEA, Vienna, 3-7 November 2008

**Breakout sessions – Training
Needs and Opportunities by
Facility Type**

Research Reactors Group

RRs Breakout Group

- **13 participants** (Denmark, Austria, Philippines (2), Greece, Ukraine, Latvia, China, Bulgaria, Serbia, Spain, USA, France)
- Chair: K. Lauridsen (Denmark)
- Scribe: V. Ljubenov (Serbia) / Y. Collazo (USA)

RRs Breakout Group

- Session Tuesday 15:15
 - Ranking topics proposed in 2007 by voting
 - Proposals for the scope and type of activities, potential host organizations
- Session Wednesday 09:00
 - Finalization of the RR breakout group input

RRs Breakout Group

- **Top 11** from the IDN 2007 list:
 - “To decontaminate or not” Design Criteria (9)
 - Decontamination Methods / Applications (9)
 - Decommissioning Project Management (9)
 - Reactor Internals Segmentation (9)
 - Facility Characterization (8)
 - Characterization / WM / Clearance (8)
 - Technology and Application WS (7)
 - Website Description (6)
 - Focused Technical Series (6)
 - Material Management / Recovery (5)
 - Hot Cell Decommissioning (5)

RRs Breakout Group

New topics proposed:

- EIA – 3/13
- Specific characterization topic: modeling for non-destructive characterization of components (pipes, tanks, ...) – 1/13
- Non-technical aspects of decommissioning, e.g. public acceptance / involvement (added on Wednesday morning session, not voted)

RRs Breakout Group

- **Top 6/11** from the IDN 2007 list :
 - “To decontaminate or not” Design Criteria (9)
 - Decontamination Methods / Applications (9)
 - Decommissioning Project Management (9)
 - Reactor Internals Segmentation (9)
 - Facility Characterization (8)
 - Characterization / WM / Clearance (8)

RRs Breakout Group

- Scope of activity for Top 6 topics:
 - **“To decontaminate or not” Design Criteria (9)**
 - WS for PMs, to collect information about how decisions are made in different countries; to develop guidelines and tools to assist decision making
 - Potential host: TBD
 - Optimal group size: to be proposed by the host
 - **Decontamination Methods / Applications (9)**
 - 1 week practical course
 - Potential host: TBD
 - Optimal group size: to be proposed by the host

RRs Breakout Group

- Scope of activity for Top 6 topics:
 - **Decommissioning Project Management (9)**
 - 1 week WS, exchange of PM experiences from different countries, presentation of “reference case”, involvement of stakeholders, etc.
 - Potential host: Spain
 - Optimal group size: to be proposed by the host
 - **Reactor Internals Segmentation (9)**
 - WS for PMs and/or operators, exchange of information from different countries, advantages and disadvantages of particular techniques, machinery, etc.
 - Potential host: TBD
 - Optimal group size: to be proposed by the host

RRs Breakout Group

- Scope of activity for Top 6 topics:
 - **Facility Characterization (8)**
 - Technical WS for PMs to exchange experience concerning the provision of information necessary to carry out decommissioning
 - Potential host: TBD
 - Optimal group size: to be proposed by the host
 - **Characterization / WM / Clearance (8)**
 - Hands-on WS, combination of theoretical and practical training
 - Already available (WS in Spain, October 2008)
 - Potential host: TBD
 - Optimal group size: to be proposed by the host

RRs Breakout Group

- **Suggestions for the performance of activities and results**
 - Sharing of experiences from ongoing or completed projects and conclusions from WSs on specific topics
 - Summarized in technical papers
 - Available for round table panels
 - Combine related WS topics
 - Discussion of topics to be part of the Annual IDN meeting

RRs Breakout Group

- **Other services to be provided by the IDN**
 - Second-hand market for equipment and tools
 - Data base of available equipment
 - Dismantling tools
 - Available equipment from facility utilization
 - Regulations for the long term storage/disposal of LLW
 - Exchange of information among the countries
 - Recycling the materials – melting, restricted reuse for nuclear purposes – sharing experiences and practice
 - Collaboration with other IAEA networks
 - Forum for discussion at the IDN web site (Q/A)