

R²D²P Workshop on Characterization Survey

Manila, Philippines

3-7 December 2007

Monday, 3 December 2007

- 0830 - 0900 Welcoming Addresses (A. dela Rosa and E. Warnecke)**
The PNRI Director and the IAEA Representative will welcome the workshop participants.
- 0900 - 0930 IAEA Activities on Reactor Decommissioning: Safety (P. O'Donnell)**
Present the IAEA activities on research reactor decommissioning from the perspective of safety.
- 0930 - 1000 IAEA Activities on Reactor Decommissioning: Technology (P. Dinner)**
Present the IAEA activities on research reactor decommissioning from the perspective of technology.
- 1000 - 1030 IAEA Overview: Characterization and Planning for Reactor Decommissioning (E. Warnecke)**
Present the IAEA recommendations on characterization and planning of research reactor decommissioning. Describe the R2D2P.
- 1030 - 1100 Break**
- 1100 - 1145 Overview of PRR-1 Decommissioning Planning (L. S. Leopando)**
Present the present status / knowledge of the PRR-1, the goals / end points of decommissioning, and the sequence of main activities leading to the decommissioning end points of the PRR-1.
- 1145 - 1230 Overview of Philippine Nuclear Regulations (E. M. Valdezo)**
Analyze the Philippine nuclear regulatory system; compare to international recommendations; identify needs and suggested improvements aiming at a national regulatory framework for decommissioning.
- 1230 - 1330 Lunch**
- 1330 - 1500 The PRR-1 Characterization Survey Plan (L. S. Leopando)**
Present the approaches taken and the proposed work plan for the radiological characterization of the PRR-1.
- 1500 - 1530 Break**
- 1530 - 1630 Overall Discussion of the Presentations (led by IAEA)**

Tuesday, 4 December 2007

- 0830 - 1000 National Presentations, Including Discussions (3)**
Presentations (one per country) by the participants on their research reactor decommissioning activities, in particular on the actions taken and the progress made since the 2006 workshops.
- 1000 - 1030 Break**
- 1030 - 1200 National Presentations, Including Discussions (continued) (3)**
- 1200 - 1300 Lunch**
- 1300 - 1430 National Presentations, Including Discussions (continued) (3)**

- 1430 - 1500 Break**
- 1500 - 1630 National Presentations, Including Discussions (continued) (3)**
- 1630 - 1700 Conclusions and Recommendations (E. Warnecke)**

Wednesday, 5 December 2007

- 0830 - 0900 Characterization Survey Techniques (L. Boing)**
Present a summary of field measurement, material sampling, and laboratory analytical techniques used in characterization surveys, with emphasis on practical considerations.
- 0900 - 0930 Experience in Characterization Survey in Serbia (V. Ljubenov)**
Present the experience in characterization survey in Serbia.
- 0930 - 1000 Field Survey Techniques to be Used in the PRR-1 (K. M. D. Romallosa)**
Present the goals, equipment and techniques of the *in-situ* radiological survey of the PRR-1.
- 1000 - 1030 Break**
- 1030 - 1100 Sampling Techniques to be Used in the PRR-1 (L. A. Caluag)**
Present the goals, equipment and techniques for taking material samples for laboratory analysis.
- 1100 - 1130 Laboratory Analytical Techniques to be Used in the PRR-1 (L. J. H. Palad)**
Present the goals, equipment and techniques to be used in the laboratory analysis of material samples.
- 1130 - 1230 Lunch**
- 1230 - 1400 Overall Discussion of Characterization Techniques (led by IAEA)**
- 1400 - 1500 Site Tour / Free Time**
Tour the PRR-1 and sites related to its decommissioning within the PNRI compound. Participants who have already seen the facilities may skip the tour.
- 1500 - 1530 Break**
- 1500 - 1900 City Tour**
Take a motor tour around Metro Manila on the way to the PNRI-IAEA dinner.
- 1900 PNRI-IAEA Dinner**
Dinner co-sponsored by the PNRI and the IAEA.

Thursday, 6 December 2007

- 0830 - 1000 Demonstration of Characterization Survey (PNRI)**
PNRI personnel will demonstrate some of the characterization survey procedures to be used in the PRR-1.

- 1000 - 1030 Break**
- 1030 - 1200 Demonstration of Characterization Survey (continued)**
- 1200 - 1300 Lunch**
- 1300 - 1330 Key Concepts for Performing Decommissioning (L. Boing)**
Key concepts developed from experiences and lessons learned in previous decommissioning projects that are useful in developing a decommissioning plan.
- 1330 - 1430 Development of the PRR-1 Decommissioning Plan (L. S. Leopando)**
Present the approaches and the work plan that will probably be in the PRR-1 Decommissioning Plan.
- 1430 - 1500 Break**
- 1500 - 1630 Development of the PRR-1 Plans (discussion led by IAEA)**
The workshop participants will discuss the PRR-1 plans in working groups (decommissioning plan; characterization plan; regulations).

Friday, 7 December 2007

- 0830 - 1000 Presentation of Working Group Results (led by IAEA)**
- 1000 - 1030 Break**
- 1030 - 1200 Workshop Conclusion (E. Warnecke)**
- 1200 - 1300 Lunch**