

Conclusions and Recommendations



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RR Decommissioning Demonstration Project (R²D²P)

Preparation for Conducting Decommissioning Actions

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IAEA

International Atomic Energy Agency

Comments on the Workshop 1

- Well organized workshop
- Very useful and beneficial information
- Everybody is urged to follow SRS 45 in all its details
- Agenda covered all aspects of the DP relevant to the preparation for decommissioning
- Cooperation and respect between operators and regulators are very encouraging
- Workshop preparation is appreciated

Comments on the Workshop 2

- Importance of good preparation for the success of decommissioning actions was demonstrated
- The 3-D model of the MOATA reactor gave an excellent insight on how to cut reactor concrete
- Involvement of a contractor is a good model even though the contractor's experience in the nuclear field may be limited. Experience was available in hazardous waste management
- Very skilled staff which is highly committed to the decommissioning activities

Comments on the Workshop 3

- Useful workshop: Learning from each other is important to improve knowledge and to avoid a repetition of mistakes
- The presence of the regulator throughout the workshop was appreciated

Comments on the Group Work 1

- Poster session and working group provided good overview of national status, differences in national experience, progress since 2006, next steps and future intentions of participating countries
- Internal discussions in the working groups gave good insight into the experience of the participating countries


Comments on the Group Work 2

- More time would have been appreciated
- Group work should be more practical
- More time would have been appreciated
- IAEA should provide as much information as possible before the workshop

New and Useful Information 1

- Improvement of decommissioning programme, especially cost estimate
- Australian decommissioning work and decommissioning plan are encouraging to participating countries in executing national activities
- An approval by the regulatory body is needed before any work can be performed
- Good communication between regulatory body and operator is essential
- Clear requirements from regulatory body are needed for the contents of an application

New and Useful Information 2

- All the presentations gave very good examples of the execution of the decommissioning plan and the relationship between operator and contractors
 - Authorization for 'Possess and Control' was seen to be a new and interesting licensing step
 - Country overview prepared in poster session
 - Cost recovery fee for regulatory activities
 - Information on how to involve a contractor, e.g. requirements for a contractor, selection of a contractor and preparing a contractor for the
-  IAEA decommissioning activities

Feedback to the Host 1

- Selection of the lecturers and their presentations were excellent
- Site visits were very useful and interesting
- Relevant decommissioning documents (e.g. decommissioning plan) should be publicly available at the ANSTO website
- The draft Australian regulatory guide for decommissioning is very useful for comparison with other guides, e.g. IAEA
- Read ahead material would be appreciated

Feedback to the Host 2

- More attention should have been given to HIFAR as it is more complex and more difficult to decommission than MOATA
- The workshop documentation should have been available at the end of the workshop

Recommendations to Participat. Countries 1

- All participating countries should have a well established legal and regulatory framework that includes decommissioning
- All countries should prepare a decommissioning plan for each nuclear facility to be requested by the regulator
- The legal and regulatory framework should be improved and updated in order to comply with international recommendations
- Use IAEA Safety Series Report No. 45 for the preparation of a decommissioning plan

Recommendations to Participat. Countries 2

- Operators should have adequate expertise and qualified staff in decommissioning
- Operators are fully responsible for contractors and therefore proper supervision is needed
- Participants should exchange knowledge at home and feed back experience to colleagues

Recommendations to IAEA

- Maintain the format of the workshop
- Continue to involve site specific lecturers and include practical exercises
- Relevant read ahead material should be provided before the workshop
- A well balanced approach should be maintained between regulatory and technological issues
- Issue invitation letters as early as possible (3-4 months in advance)
- A more practical exercise should be prepared for the next workshop

How to Proceed 1

- It is proposed to give homework to all participating countries and ask for information on:
 - Obstacles and challenges they face in the overall decommissioning plan and strategy
 - Action plan on how to overcome the issue(s) including a timeframe
 - Assistance needed from other countries / IAEA / workshop participants to overcome the issue(s) identified
- Such feedback should be addressed in a well prepared workshop session

How to Proceed 2

- It is also proposed to perform homework on major topics of the next workshop in order to be well prepared for the relevant subjects

THANK YOU

