

Workshop Introduction

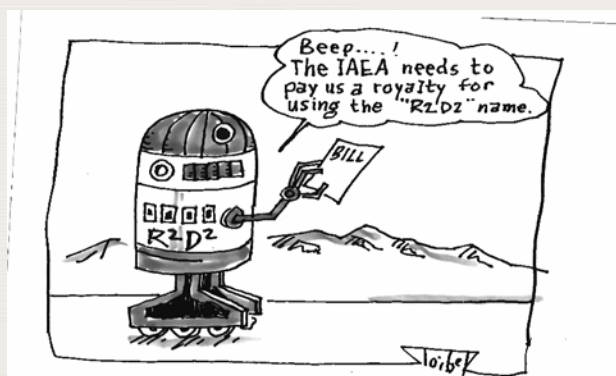


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R²D²Project: Basics of Decommissioning of Research Reactors / Manila; 16-20 October 2006



Welcome



Background

- Research Reactor Decommissioning Demonstration Project (R²D²P)
- Decommissioning + dismantling (D+D) of the Philippine Research Reactor-1 (PRR-1)
 - Duration of about 6 years
 - Workshop (WS) schedule established
 - WS schedule and D+D progress to be co-ordinated
- IAEA supports the decommissioning of PRR-1
- Demonstration project established for other countries to “learn on the job”



Workshop Schedule

- | | | | |
|----------------------|-------|---------------------------|-------|
| • Legal / regulatory | 06/06 | • Dismantl. exercise | 10/09 |
| • Basics of D+D | 10/06 | • Dismantl. exercise | 02/10 |
| • Characterisation | 02/07 | • Dismantl. exercise | 06/10 |
| • D+D plan | 05/07 | • Decont. exercise | 10/10 |
| • D+D technologies | 09/07 | • Final survey / bldg. | 05/11 |
| • Cost estimates | 02/08 | • Final survey / envir. | 05/11 |
| • Review D+D plan | 05/08 | • Final D+D report | 10/11 |
| • Prepar. for D+D | 09/08 | | |
| • Decont. exercise | 05/09 | • Careful implementation! | |
| | | • Check: What to do next? | |
| | | What is needed? | |



Implementation of the R²D² Project

- Role of IAEA
 - Provide support by workshops, training, expertise, equipment, fellowships, scientific visits etc.
- Role of the host country
 - Plan, regulate and execute D+D
 - Manage materials generated during D+D
- Participating countries
 - Active involvement: Help PRR D+D / Learn on the job
 - Compare international approaches to national ones
 - Draw conclusions / improve national situations
 - Identify necessary steps / report on initiatives and the implementation of actions



Revisit Legal / Regulatory Workshop

- Held: 26 – 30 June 2006, Manila, Philippines
- What has been learned?
 - Is national legal / regulatory framework complying with international recommendations and the J.C.?
 - Have deficits been identified?
 - Has consideration been given to improvements?
 - + Amendment of the national legal / regulatory framework?
 - + Preparation of (a) decommissioning plan(s)?
 - Is help / assistance necessary?
- Please report on progress (national reports)



Expectations from WS on “Basics”

- Draw conclusions and define actions
 - What has been learned from this workshop?
 - Have (national) deficits been identified?
 - What is to be done? (next 6 months + beyond)
 - What are the needs for help and assistance?
- Discussions + Conclusions
 - Discuss and define: next steps; commitments / actions; needs etc.
- Reporting on progress (next meeting)



Basics of D+D

- Broad scope: from planning to final D+D report
 - Legal, regulatory, safety issues
 - Planning issues / end point definition
 - Management and organisational issues
 - Technological issues
 - Costs / funding
 - Materials management (clearance of materials and sites; managing radioactive waste)
- Provide overview and (birds eye) perspective
- Apply integrated approach (interdependencies)



Clarify issues regarding to PRR-1

- What is the end state of the PRR-1 D+D?
- Is PRR-1 fuel to be included in the R²D²P?
- How to deal with disposal of radioactive waste (RW)? Co-ordination with actual IAEA project?
- Would the R²D²P scope be limited to managing D+D material: clearance; processing / storage
- How to deal with legal / regulatory framework? Co-ordination with actual IAEA project?
- Should the Joint Convention (J.C.) be applied?



Practicalities

- Agenda / Information folder
- Presentations
 - Presentation by a lecturer (2/3 of allocated time)
 - Philippine statement + discussion (1/3 of time)
- Exercise on D+D Plan / Mat. Man. / (Groups)
- Concluding discussion
- Introduction of lecturers / participants
- Practical information (Host)
- R²D²P website <http://nsweb-dev.iaea.org/projects/r2d2project/default.htm>



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INTERNATIONAL CONFERENCE ON LESSONS LEARNED FROM THE DECOMMISSIONING OF NUCLEAR FACILITIES AND THE SAFE TERMINATION OF NUCLEAR ACTIVITIES

**ATHENS GREECE
11-15 DECEMBER 2006**

Organized by the International Atomic Energy Agency 

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THANK YOU



