

Welcome / Introduction



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Research Reactor Decommissioning Demonstration
Project (R²D²P)

Preparation for Conducting Decommissioning Actions
ANSTO, Lucas Heights, Australia; 07-11 May 2012



Welcome

- Cordial WELCOME to all participants,
in particular the new ones

Thanks

- Thanks to ANSTO for hosting this R²D²P workshop
- Thanks to the ANSTO staff, in particular Con Lyras and Geoff Malone, for preparing this event and for carrying it out
- Special thanks to the lecturers for their contributions to the success of this R²D²P workshop
- Thanks for all the administrative work



R²D²P Background

- R²D²P: Research Reactor Decommissioning Demonstration Project
- The project was started with PRR-1 as model
- Ten workshops were held, in the beginning in Manila and later at different locations
- The 'PLANNING' phase of the project is being finished and the 'IMPLEMENTATION' phase is coming
- Project support through extra budgetary funds from the USA
- R²D²P Website:



<http://www-ns.iaea.org/projects/r2d2project/default.asp?s=8>

R²D²P Workshops Held

- Legal and regulatory framework (26 - 30 June 2006)
- Basics of decommissioning (16 - 20 October 2006)
- Transition phase (ANSTO); (12 - 16 November 2007)
- Characterisation survey (03 - 07 December 2007)
- Project planning, ... (15 - 19 September 2008)
- Cost estimates (30 March - 03 April 2009)
- Decommissioning technology (KIT) (06 - 10 July 2009)
- Safety assessment (DD) (04 - 08 October 2010)
- Release of sites and ... (KIT) (27 Sept. - 01 Oct. 2010)
- Review of a DP (ROM) (04 - 08 July 2011)
 - **Preparation for Conducting Decommissioning Actions (ANSTO); 07 - 11 May 2012**

Future R²D²P Plans

- Search for a new model reactor (Sweden?)
- A first IMPLEMENTATION workshop may be held in the USA (Buffalo University; 09 / 2012?)
- Remaining workshops from original plan
 - Decontamination exercise
 - Dismantling exercises (3 workshops)
 - Decontamination exercise
 - Final survey (build. / environm.; 2 workshops)
 - Final decommissioning report
- Careful implementation according to the needs of the participants and to the options available

IAEA Decommissioning Activities

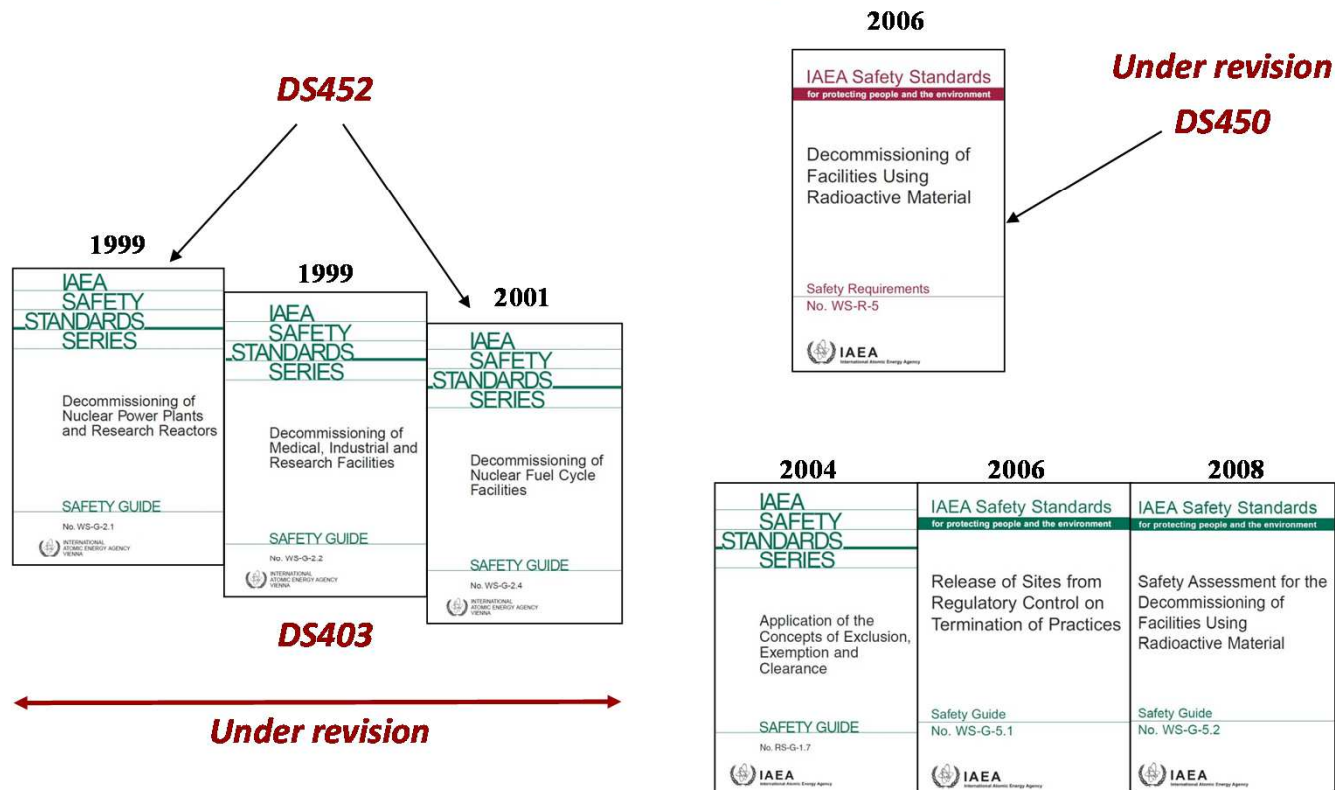
- International projects on safety assessment for decommissioning (finished)
 - Evaluation and Demonstration of Safety of Facilities Using Radioactive Material (DeSa, 2004 - 2007)
 - Use of Safety Assessment Results in the Planning and Implementation of Decommissioning (FaSa, 2008 -2011)
- Preparation and application of Safety Standards
 - Revision of decommissioning Safety Guides and preparation of Safety Reports
- Peer review missions upon request of MS



IAEA Decomm. Activities (Rev. of Standards)

Safety Standards for Decommissioning

Press F5 to download pdf files



IAEA Decommissioning Activities

- International Decommissioning Network (IDN), e.g. exchange of information, identification of needs for assistance, support of training events, implementation of small projects
- Technical Co-operation Projects (national, regional or inter-regional)
- Organisation of an International Expert Meeting on ‘Decommissioning and Remediation after a Nuclear Accident’ as part of IAEA’s Fukushima Action Plan, Vienna, end of January 2013; to be announced in the near future

I wish you an interesting workshop!
THANK YOU

