

International Atomic Energy Agency

Decommissioning Technology IAEA Activities: update Oct 2007

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Facilitating the Transfer of Sustainable Technologies for Decommissioning of Facilities

- Redevelopment of Nuclear Facilities after Decommissioning (TRS# 444, 2006)
- The Decommissioning of Underground Structures, Systems, and Components (TRS # 439, 2006)
- The Dismantling of Contaminated Stacks (TRS# 440, 2005)

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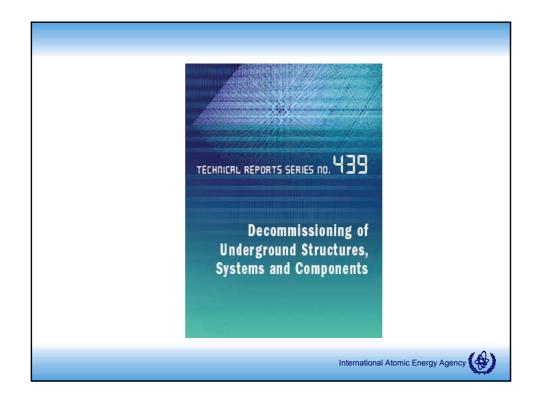
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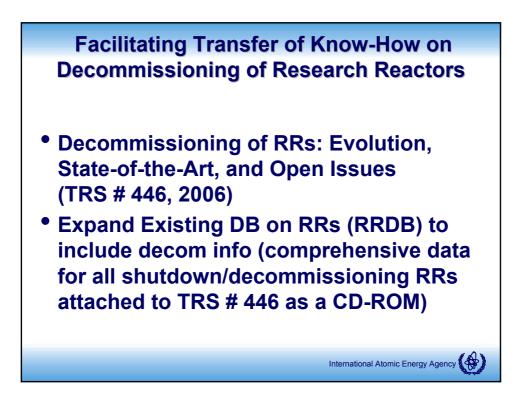
Facilitating the Transfer of Sustainable Technologies for Decommissioning of Facilities (cont'd)

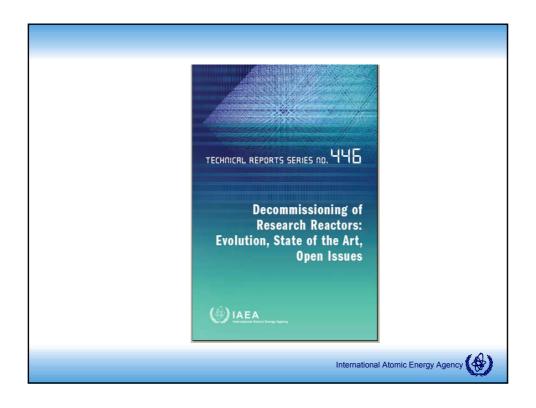
- Expand Existing DBs on NPPs (PRIS) to include decommissioning information (now online)
- Developing a computerized framework included in the existing PRIS database on decommissioning data:
 - Collect strategies for decommissioning
 - Compile phases and milestones of projects
 - Disseminate decommissioning references
- Currently, some 50% response by MSs. Missing countries include UK, Germany (partly)
- Modifications to PRIS completed. Separate access provided to input decommissioning data.
- Summary published first time in RDS-2, 2007 (Table 23)





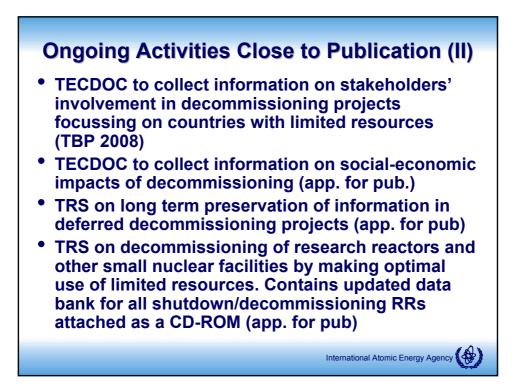


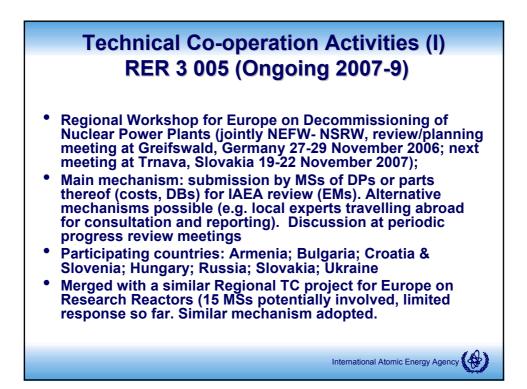




Technology	Management	Implementation	Development	Special Topics
Radiological Characterization of Shutdown Nuclear Reactors for Decommissioning Purposes, TRS-389 (1998)	Organization and Management for the Decommissioning of Large Nuclear Facilities, TRS-399 (2000)	Safe Enclosure of Shutdown Nuclear Installations, TRS-375 (1995)	Design and Construction of Nuclear Power Plants to Facilitate Decommissioning, TRS-382 (1997)	A Proposed Standardis List of Items for Costin Purposes in the Decommissioning of Nuclear Installations Interim Technical Document, co-operatio with OECD/NEA - OECD/NEA, Paris 1999
State-of-the-art Technology for Decontamination and Dismantling of Nuclear Facilities, TRS-395 (1999)	Record keeping for the Decommissioning of Nuclear Facilities: Guidelines and Experience, TRS-411 (2002)	Decommissioning of Nuclear Facilities Other than Reactors, TRS-386 (1998)	New Methods and Techniques for Decontamination in Maintenance or Decommissioning Operations - Results of a Co-ordination Research Programme, 1994-1998, IAEA-TECDOC-1022 (1998)	TRS =Technical Reports Series.
Decommissioning of Stacks at Nuclear Facilities , TRS-440 (2005)	The Transition from Operation to Decommissioning of Nuclear Installations, TRS-420 (2004)	Decommissioning of Small Medical, Industrial and Research Facilities, TRS-414 (2003)	On-site Disposal as a Decommissioning Strategy, IAEA-TECDOC-1124 (1999)	consolidated guidance TECDOC= TEChnical DOCument,
Decommissioning of Underground Structures, Systems and Components, TRS-439 (2006)	Planning, Organizational and Management Aspects of Decommissioning: Lessons Learned, IAEA-TECDOC-1394 (2004)	The Decommissioning of WWER-Type Nuclear Power Plants, IAEA-TECDOC-1133 (2000)	Decommissioning Techniques for Research Reactors- Final report of a Co-ordinated Research Project 1997-2001, IAEA-TECDOC-1273 (2002)	innovative, interim or controversial points/areas



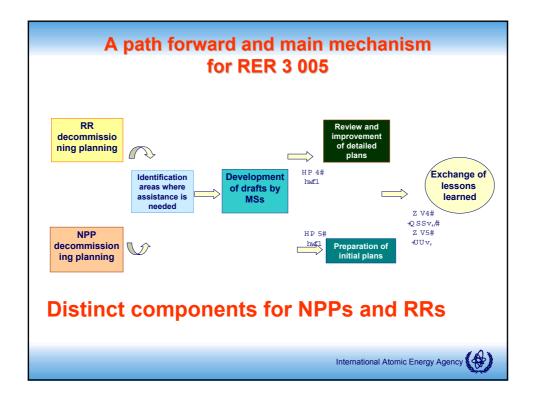


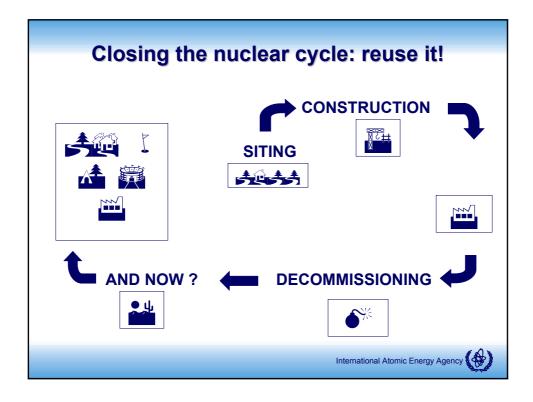








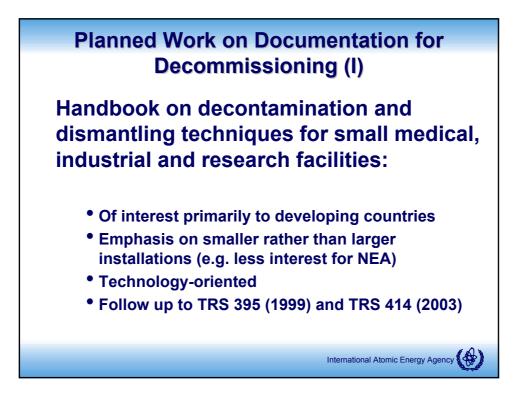


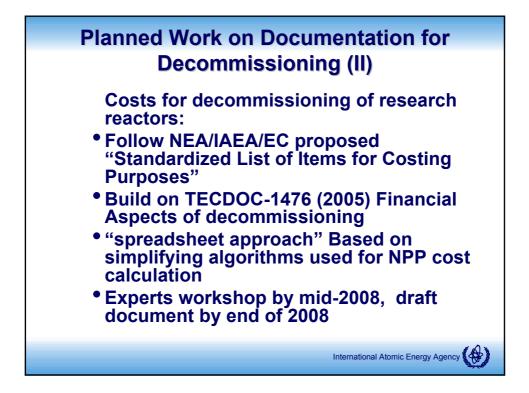


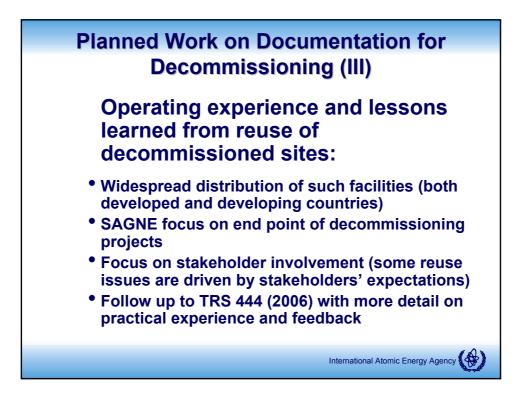




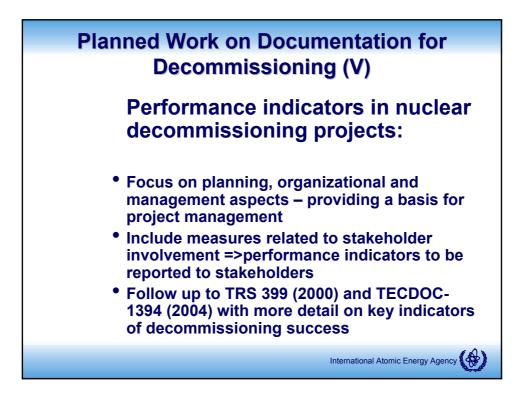














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The new Nuclear Energy Series Publications Structure and the process

BACKGROUND
 NE develops various types of documents TECDOCs, TRS and others guidance documents, workshop presentations, CRP results However, there is no structure that provides consistent, systematic & effective document categorization This affects ease of use documents Reference material should be usable as a solid basis for NE's technical advice to Member States
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