

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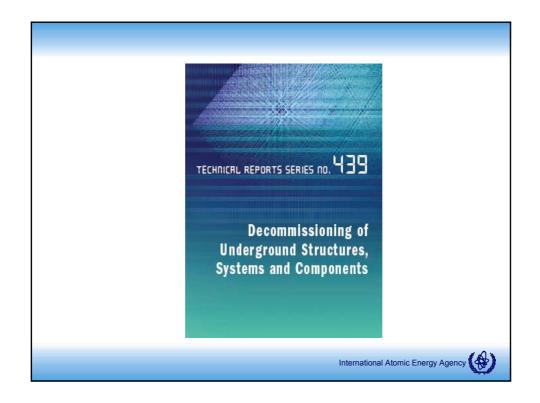
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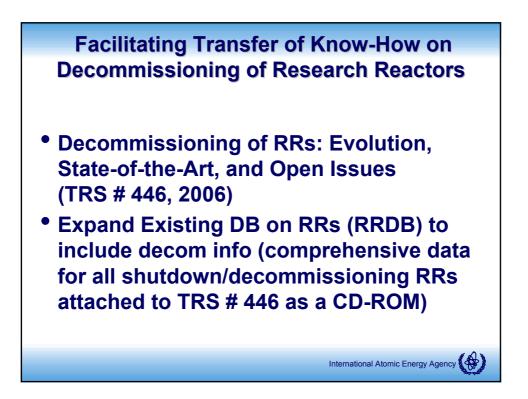
## Facilitating the Transfer of Sustainable Technologies for Decommissioning of Facilities (cont'd)

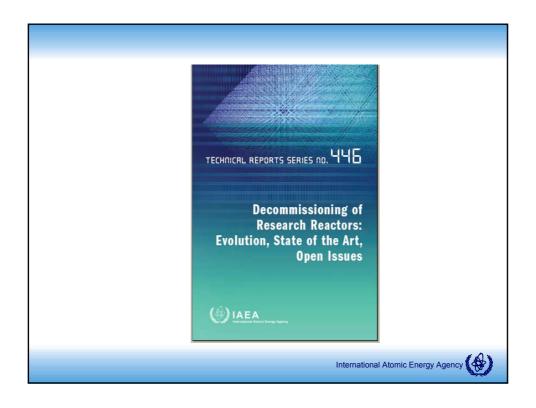
- Expand Existing DBs on NPPs (PRIS) to include decommissioning information (now online)
- Developing a computerized framework included in the existing PRIS database on decommissioning data:
  - Collect strategies for decommissioning
  - Compile phases and milestones of projects
  - Disseminate decommissioning 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)





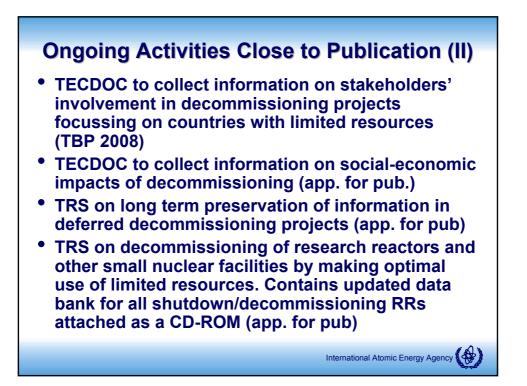


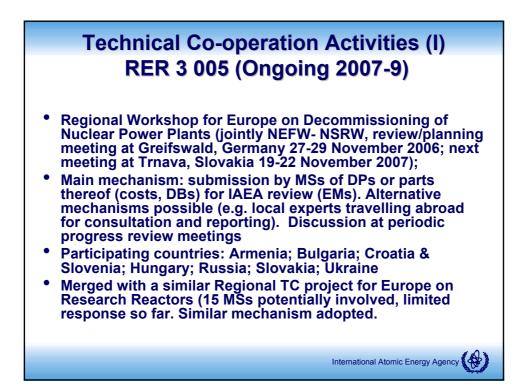




Technology	Management	Implementation	Development	Special Topics
Radiological Characterization of Shutdown Nuclear Reactors for Decommissioning Purposes, TRS-389 (1998)	Organization and Management for the Decommissioning of Large Nuclear Facilities, TRS-399 (2000)	Safe Enclosure of Shutdown Nuclear Installations, 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



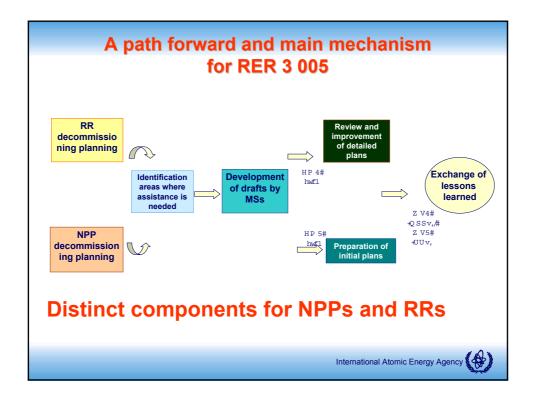


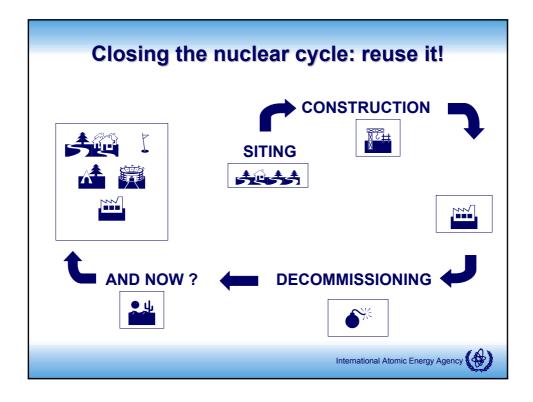








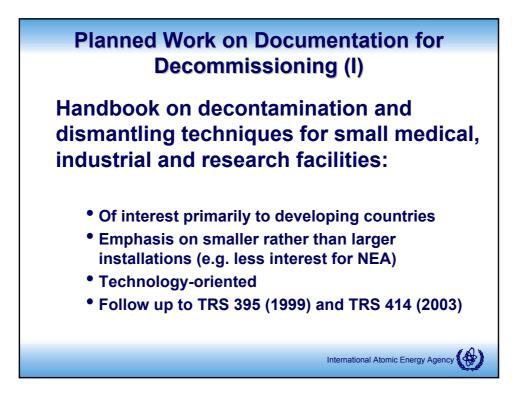


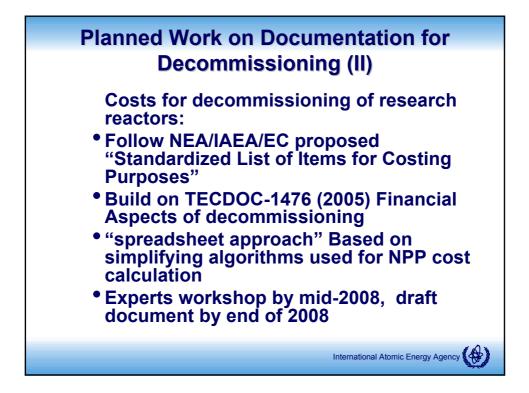


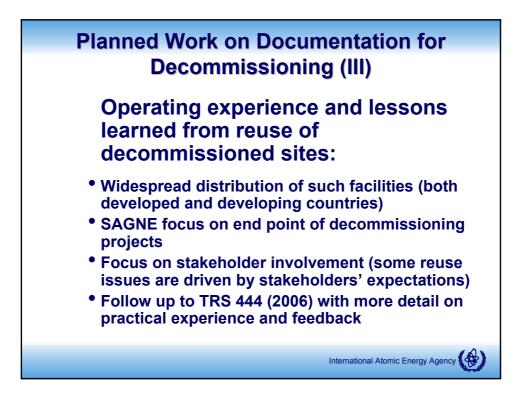




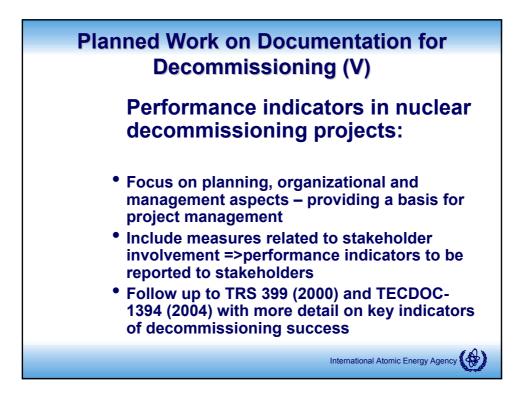














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## The new Nuclear Energy Series Publications Structure and the process

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