

Table I
List of IAEA Publications on
Decommissioning and Decontamination of Nuclear Facilities

pubtables.doc

Safety Series (SS)		
	Manual on Decontamination of Surfaces	Safety Series No. 48 (1979)
	Factors Relevant to the Decommissioning of Land-Based Nuclear Reactor Plants (SUPERSEDED)	Safety Series No. 52 (1980)
	Safety in Decommissioning of Research Reactors (SUPERSEDED)	Safety Series No. 74 (1986)
	The Regulatory process for the Decommissioning of Nuclear Facilities (SUPERSEDED)	Safety Series No. 105 (1990)
	Predisposal Management of Radioactive Waste, Including Decommissioning (SUPERSEDED)	SR No. WS-R 2 (2000)
1.	Decommissioning of Nuclear Power Plants and Research Reactors., Safety Guide	SS No. WS-G-2.1 (1999)
2.	Decommissioning of Medical, Industrial and Research Facilities, Safety Guide	SS No. WS-G-2.2 (1999)
3.	Decommissioning of Nuclear Fuel Cycle Facilities, Safety Guide	SS No WS-G-2.4 (2001)
4.	Safe Enclosure of Nuclear Facilities During Deferred Dismantling	Safety Reports Series No.26 (2002)
5.	Managing the Early Termination of Operation of Nuclear Power Plants	Safety Reports Series No. 31 (2003)
6.	Safety Considerations in the Transition from Operation to Decommissioning of Nuclear Facilities	Safety Reports Series No. 36 (2004)
7.	Application of the Concepts of Exclusion, Exemption and Clearance, Safety Guide	SS No. RS-G-1.7 (2004)
8.	Derivation of Activity Concentration Values for Exclusion, Exemption and Clearance	Safety Reports Series No. 44 (2005)
9.	Standard Format and Content for Safety Related Decommissioning Documents	Safety Reports Series No. 45 (2005)
10.	Decommissioning of Facilities Using Radioactive Material	Safety Requirements No WS-R-5 (2006)
11.	Decommissioning Strategies for Facilities Using Radioactive Materials	Safety Reports Series No. 50 (2007)
Technical Reports Series (TRS)		
1.	Decontamination of Nuclear Facilities to Permit Operation, Inspection, Maintenance, Modification or Plant Decommissioning	TRS No. 249 (1985)
2.	Methodology and Technology of Decommissioning Nuclear Facilities	TRS No. 267 (1986)
3.	Methods for Reducing Occupational Exposure During the Decommissioning of Nuclear Facilities	TRS No. 278 (1987)
4.	Decontamination and Demolition of Concrete and Metal Structures During the Decom. of Nuclear Installations	TRS No. 286 (1987)
5.	Factors Relevant to the Recycling or Reuse of Components Arising from the Decommissioning and Refurbishment of Nuclear Facilities	TRS No. 293 (1988)
6.	Monitoring Programmes for Unrestricted Release Related to Decommissioning of Nuclear Facilities	TRS No. 334 (1992)
7.	Cleanup and Decommissioning of a Nuclear Reactor After a Severe Accident	TRS No. 346 (1992)
8.	Application of Remotely Operated Handling Equipment in the Decommissioning of Nuclear Facilities	TRS No. 348 (1993)
9.	Planning and Management for the Decommissioning of Research Reactors and Other Small Nuclear Facilities	TRS No. 351 (1993)
10.	Decontamination of Water Cooled Reactors	TRS No. 365 (1994)
11.	Decommissioning Techniques for Research Reactors	TRS No. 373 (1994)
12.	Safe Enclosure of Shutdown Nuclear Installations	TRS No. 375 (1995)
13.	Design and Construction of Nuclear Power Plants to Facilitate Decommissioning	TRS No. 382 (1997)
14.	Decommissioning of Nuclear Facilities Other than Reactors	TRS No. 386 (1998)
15.	Radiological Characterisation of Shutdown Nuclear Reactors for Decommissioning Purposes	TRS No. 389 (1998)
16.	State-of-the-art Technology for Decontamination and Dismantling of Nuclear Facilities	TRS No.395 (1999)
17.	Organization and Management for the Decommissioning of Large Nuclear Facilities	TRS No. 399 (2000)
18.	Minimisation of Radioactive Waste from Decontamination and Decommissioning of Nuclear Facilities	TRS No. 401 (2001)
19.	Record keeping for the Decommissioning of Nuclear Facilities: Guidelines and Experience	TRS No. 411 (2002)
20.	Decommissioning of Small Medical, Industrial and Research Facilities	TRS No. 414 (2003)
21.	The Transition from Operation to Decommissioning of Nuclear Installations	TRS No. 420 (2004)
22.	The Power Reactor Information System (PRIS) and its Extension to Non-Electrical Applications, Decommissioning and Delayed Projects Information	TRS No. 428 (2005)
23.	Dismantling of Contaminated Stacks at Nuclear Facilities	TRS No. 440 (2005)
24.	Management of Problematic Waste and Material Generated During the Decommissioning of Nuclear Facilities	TRS No. 441 (2006)
25.	The Decommissioning of Underground Structures, Systems and Components	TRS No. 439 (2006)
26.	Redevelopment of Nuclear Facilities after Decommissioning	TRS No. 444 (2006)
27.	The Decommissioning of Research Reactors; Evolution, State-of-the-art, Open Issues	TRS No.446 (2006)
Technical Documents (TECDOC)		
	Decommissioning of Nuclear Facilities (SUPERSEDED)	IAEA-179 (1975)
	Decommissioning of Nuclear Facilities 1977 Edition (SUPERSEDED)	IAEA-205 (1977)
	Decontamination of Operational Nuclear Power Plants (SUPERSEDED)	IAEA-TECDOC-248 (1981)
1.	Decontamination and Decommissioning of Nuclear Facilities: Final Report of Three Research Meetings (1984-87)	IAEA-TECDOC 511 (1989)
2.	Decontamination of Transport Casks and of Spent Fuel Storage Facilities	IAEA-TECDOC-556 (1990)
3.	Factors Relevant to the Sealing of Nuclear Facilities	IAEA-TECDOC-603 (1991)
4.	Considerations in the Safety Assessment of Sealed Nuclear Facilities	IAEA-TECDOC-606 (1991)
5.	National Policies and Regulations for Decommissioning Nuclear Facilities	IAEA-TECDOC-714 (1993)
6.	Decontamination and Decommissioning of Nuclear Facilities - Results of a CRP, Phase II: 1989-1993	IAEA-TECDOC-716 (1993)
7.	New Methods and Techniques for Decontamination in Maintenance or Decommissioning Operations - Results of a Co-ordination Research Programme, 1994-1998	IAEA-TECDOC-1022 (1998)
8.	Technologies for Gas Cooled Reactor Decom, Fuel Storage and Waste Disposal, TCM Juelich, Germany, Sep 1997	IAEA-TECDOC-1043 (1998)
9.	Spent Fuel Storage and Transport Cask Decontamination and Modification	IAEA-TECDOC-1081 (1999)
10.	On-site Disposal as a Decommissioning Strategy	IAEA-TECDOC-1124 (1999)
11.	The Decommissioning of WWER-Type Nuclear Power Plants	IAEA-TECDOC-1133 (2000)
12.	Nuclear Graphite Waste Management -Technical Committee Meeting , Manchester, United Kingdom, 18-20 Oct 1999	CD-ROM (2001)
13.	Decommissioning Techniques for Research Reactors- Final report of a Co-ordinated Research Project 1997-2001	IAEA-TECDOC-1273 (2002)
14.	Safe and Effective Nuclear Power Plant Life Cycle Management Towards Decommissioning	IAEA-TECDOC-1305 (2002)

15.	Decom Costs of WWER-440 Nuclear Power Plants. Interim Report: Data Collection and Preliminary Evaluations	IAEA-TECDOC-1322 (2002)
16.	Planning, Organizational and Management Aspects of Decommissioning: Lessons Learned	IAEA-TECDOC-1394 (2004)
17.	Operational and Decommissioning Experience with Fast Reactors	IAEA-TECDOC-1405 (2004)
18.	Financial Aspects of Decommissioning	IAEA-TECDOC- 1476 (2005)
19.	Selection of Decommissioning Strategies: Issues and Factors	IAEA-TECDOC-1478 (2005)
20.	Characterization, Treatment and Conditioning of Radioactive Graphite from Decommissioning of Nuclear Reactors	IAEA-TECDOC-1521 (2006)
Other		
1.	Decommissioning of Nuclear Facilities, Proc. of an Int. Symp.. 13-17 Nov, 1978, Vienna	IAEA, Vienna, 1979
2.	Nuclear Data Requirements for Fission Reactor Decommissioning	INDC (NDS)-269 (1993)
3.	International Benchmark Calculations of Radioactive Inventory for Fission Reactor Decommissioning	INDC (NDS)-355 (1996)
4.	A Proposed Standardised List of Items for Costing Purposes in the Decommissioning of Nuclear Installations	OECD/NEA, Paris 1999
5.	Safe Decommissioning for Nuclear Activities, Proc. of an Int. Conf. Berlin, 14-18 Oct. 2002	IAEA, Vienna, 2003
6.	Joint NEA/IAEA/EC Workshop on the Regulatory Aspects of Decommissioning, 19-21 May, 1999, Rome	ANPA, Rome, 2000
7.	Status of the Decommissioning of Nuclear Facilities Around the World	IAEA, Vienna. 2004

Table II
List of IAEA Documents Published Since 1985 on
Environmental Restoration of Radioactively Contaminated Sites
Including Uranium Mining and Milling Sites

Safety Series (SS)		
1.	Safe Management of Wastes from the Mining and Milling of Uranium and Thorium Ores: Code of Practice and Guide to the Code	SS No. 85 (1987)
2.	Management of Radioactive Waste from the Mining and Milling of Uranium and Thorium Ores	WS-G-1.2 (2002).
3.	Monitoring and Surveillance of Residues from the Mining and Milling of Uranium and Thorium	SRS No. 27 (2002)
4.	Remediation of Areas Contaminated by Past Activities and Accidents	WS-R-3 (2003)
Technical Reports Series (TRS)		
1.	Cleanup of Large Areas Contaminated as a Result of a Nuclear Accident	TRS No. 300 (1989)
2.	The Environmental Behaviour of Radium	TRS No. 310 (1990, 2 vols.)
3.	Planning for Cleanup of Large Areas Contaminated as a Result of a Nuclear Accident	TRS No. 327 (1991)
4.	Disposal of Wastes from the Cleanup of Large Areas Contaminated as a Result of a Nuclear Accident	TRS No. 330 (1992)
5.	Measurement and Calculation of Radon Releases from Uranium Mill Tailings	TRS No. 333 (1992)
6.	Current Practices for the Management and Confinement of Uranium Mill Tailings (supersedes TRS No. 209)	TRS No. 335 (1992)
7.	Decommissioning of Facilities for Mining and Milling of Radioactive Ores and Closeout of Residues	TRS No. 362 (1994)
8.	Environmental Contamination by Naturally Occurring Radioactive Material (NORM) and Technologies for Mitigation	TRS No. 419 (2004)
9.	Remediation of Sites with Dispersed Radioactive Contamination	TRS No. 424 (2004)
10.	Remediation of Sites with Mixed Contamination of Radioactive and Other Hazardous Substances	TRS No. 442 (2006)
11.	Applicability of Monitored Natural Attenuation at Radioactively Contaminated Sites	TRS No. 445 (2006)
Technical Documents (TECDOC)		
1.	Environmental Migration of Radium and Other Contaminants Present in Liquid and Solid Wastes from the Mining and Milling of Uranium	IAEA-TECDOC 370 (1986)
2.	In-Situ Leaching of Uranium: Technical, Environmental and Economic Aspects	IAEA-TECDOC 492 (1989)
3.	Uranium In-Situ Leaching	IAEA-TECDOC-720 (1993)
4.	Planning and Management of Uranium Mine and Mill Closures	IAEA-TECDOC-824 (1995)
5.	A Directory of Information Resources on Radioactive waste Management, Decontamination and Decommissioning and Environmental Restoration	IAEA-TECDOC-841 (1995)
6.	Planning for Environmental Restoration of Radioactively Contaminated Sites in Central and Eastern Europe	IAEA-TECDOC-865 (1996, 3 vols.)
7.	Closeout of Uranium Mines and Mills: A Review of Current Practices	IAEA-TECDOC-939 (1997)
8.	Planning for Environmental Restoration of Uranium Mining and Milling Sites in Central and Eastern Europe	IAEA-TECDOC-982 (1997)
9.	Characterization of Radioactively Contaminated Sites for Remediation Purposes	IAEA-TECDOC-1017 (1998)
10.	Factors for Formulating Strategies for Environmental Restoration	IAEA-TECDOC-1032 (1998)
11.	Technologies for Remediation of Radioactively Contaminated Sites	IAEA-TECDOC-1086 (1999)
12.	Technical Options for the Remediation of Contaminated Groundwater	IAEA-TECDOC-1088 (1999)
13.	Compliance Monitoring for Remediated Sites	IAEA-TECDOC-1118(1999)
14.	Site Characterization Techniques Used in Environmental Restoration Activities- Final Report of a Co-ordinated Research Project 1995-1999	IAEA-TECDOC-1148 (2000)
15.	Design Criteria for a Worldwide Directory of Radioactively Contaminated Sites (DRCS)	IAEA-TECDOC-1251 (2001)
16.	Non-Technical Factors Impacting on the Decision Making Processes in Environmental Remediation	IAEA-TECDOC-1279 (2002)
17.	Environmental Remediation of Uranium Production Facilities	Joint report with OECD-NEA (2002)
18.	The Long Term Stabilization of Uranium Mill Tailings, Final Report on a Co-Ordinated Research Project 2000-2004	IAEA TECDOC-1403 (2004)
Other		
1.	Environmental Contamination from Uranium Production Facilities and their Remediation, Proceedings of an International Workshop, Lisbon, Portugal, February 2004	STI/PUB/1228, Vienna (2005)