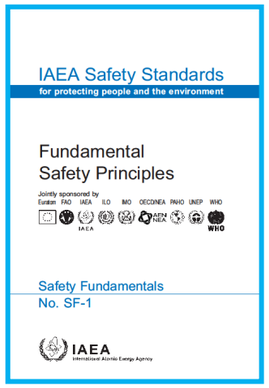
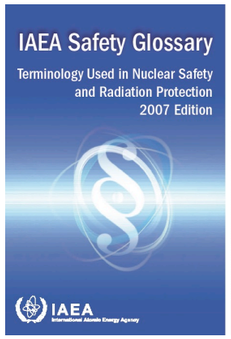
Status on 16 July 2020 – Double-Click on the relevant cover page to open the corresponding pdf file – You may also search for words or SS number in the title

Draft standards recently endorsed by the CSS are also available at the following address: http://www-ns.iaea.org/committees/css/default.asp?fd=1084&dt=0

Existing Standards under revision and new Standards under development are also highlighted by "UR" and "UD", respectively, followed by the number of the project

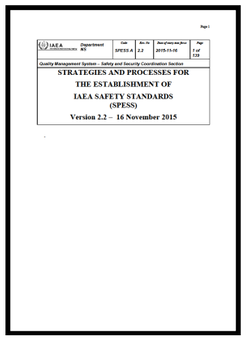


Fundamental Safety Principles

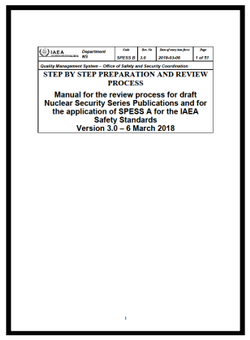


Glossary 2007

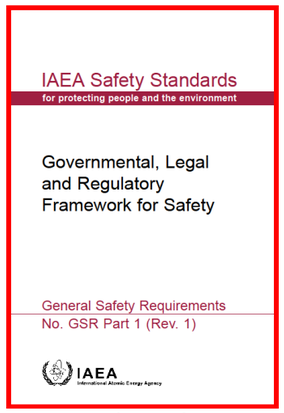
Glossary 2018



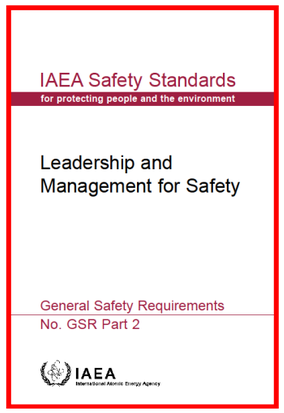
SPESS A



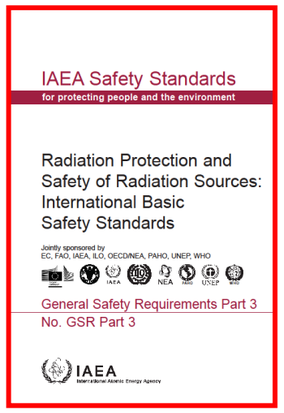
SPESS B



GSR Part 1 (Rev. 1) Governmental, Legal and Regulatory Framework for Safety

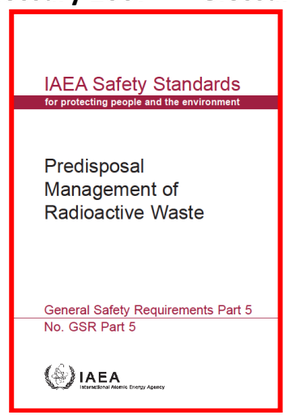


GSR Part 2 Leadership and Management for Safety

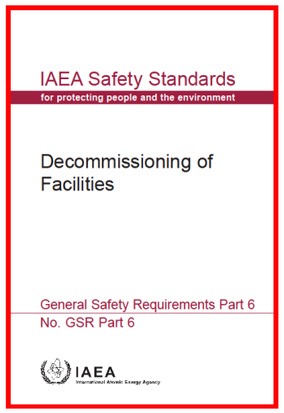


GSR Part 3 Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards

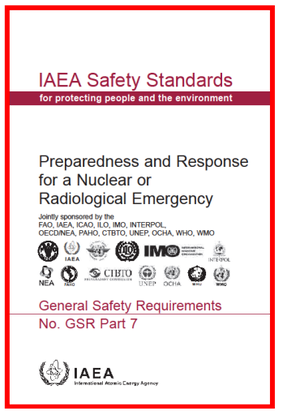
GSR Part 4 (Rev. 1) Safety Assessment for Facilities and Activities



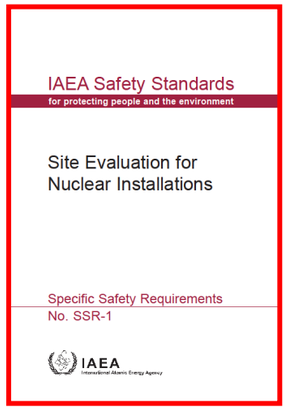
GSR Part 5 Predisposal Management of Radioactive Waste



GSR Part 6 Decommissioning of Facilities

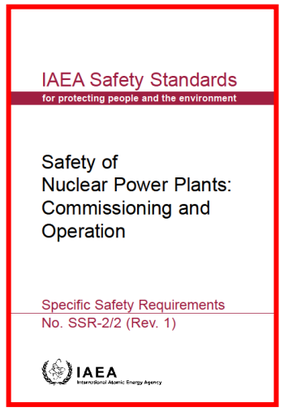


GSR Part 7 Preparedness and Response for a Nuclear or Radiological Emergency

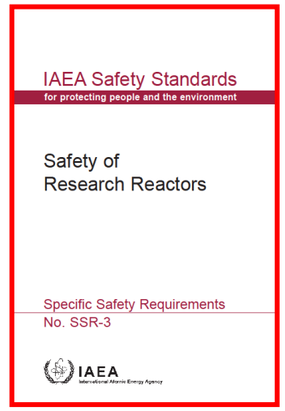


SSR-1 Site Evaluation for Nuclear Installations

SSR-2/1 (Rev. 1) Safety of Nuclear Power Plants: Design

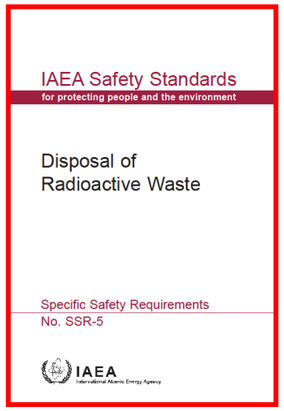


SSR-2/2 (Rev. 1) Safety of Nuclear Power Plants: Commissioning and Operation

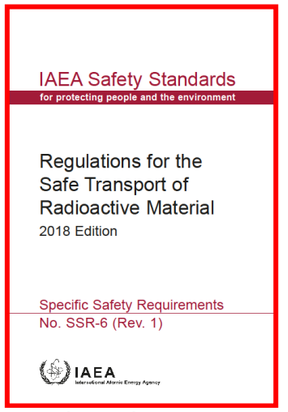


SSR-3 Safety of Research Reactors

SSR-4 Safety of Nuclear Fuel Cycle Facilities

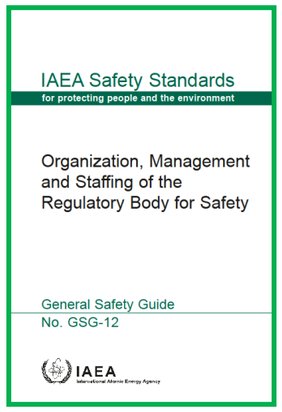


SSR-5 Disposal of Radioactive Waste

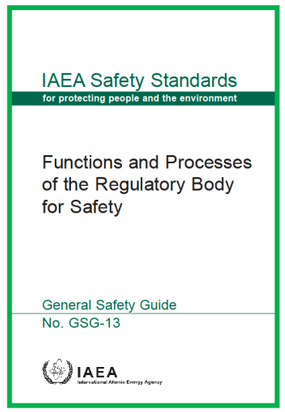


SSR-6 (Rev. 1) Regulations for the Safe Transport of Radioactive Material (2018 Edition)

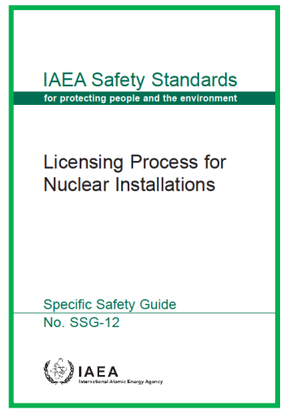
Governmental, Legal and Regulatory Framework – Safety Infrastructure



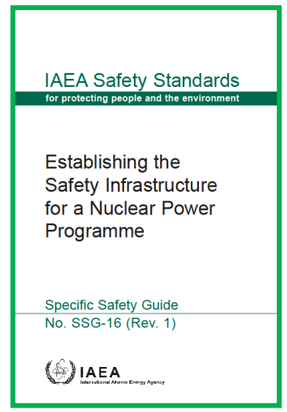
GSG-12: Organisation, Management and Staffing of a Regulatory Body for Safety



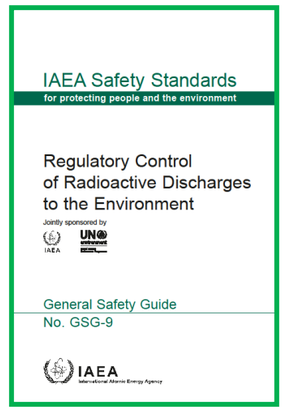
GSG-13: Functions and Processes of the Regulatory Body for Safety



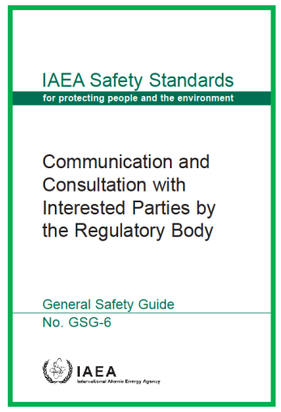
SSG-12 Licensing Process for Nuclear Installations
Partially revised by GSG-13



SSG-16 (Rev. 1) Establishing the Safety Infrastructure for a Nuclear Power Programme

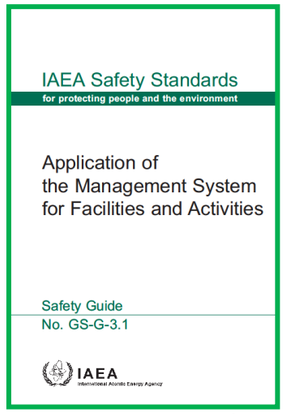


GSG-9 Regulatory Control of Radioactive Discharges to the Environment

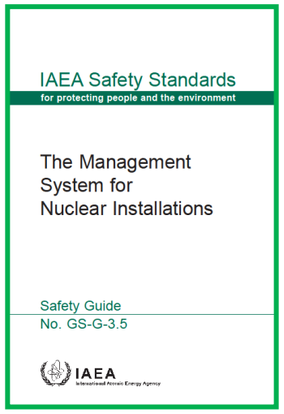


GSG-6 Communication and Consultation with Interested Parties by the Regulatory Body

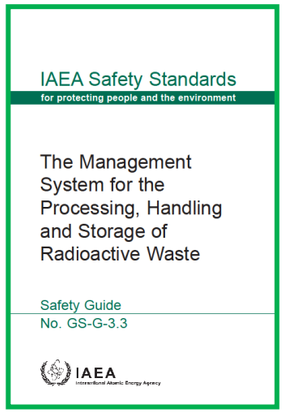
Management Systems



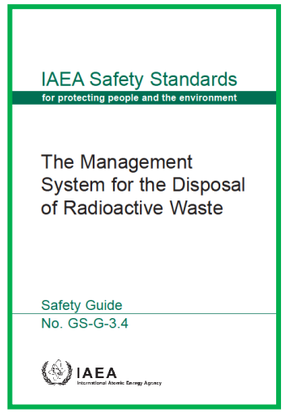
GS-G-3.1 Application of the Management System for Facilities and Activities
UR DS513



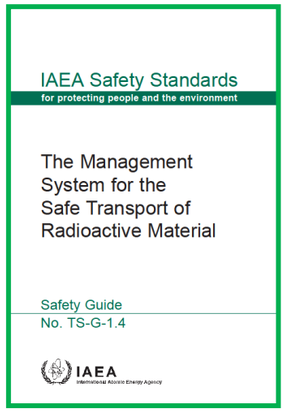
GS-G-3.5 The Management System for Nuclear Installations



GS-G-3.3 The Management System for the Processing, Handling and Storage of Radioactive Waste
UR DS477

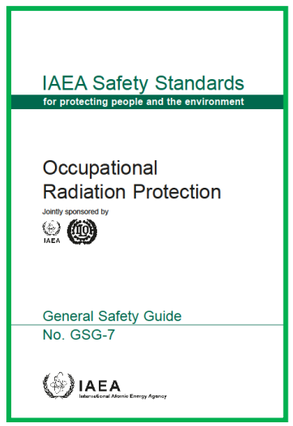


GS-G-3.4 The Management System for the Disposal of Radioactive Waste
UR DS477

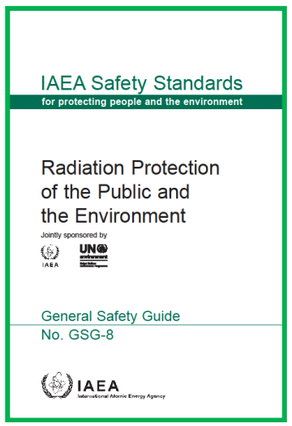


TS-G-1.4 The Management System for the Safe Transport of Radioactive Material

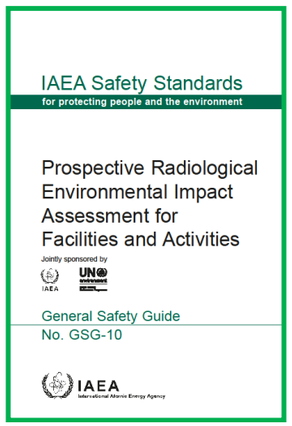
Radiation Protection and Safety of Radiation Sources
Remediation



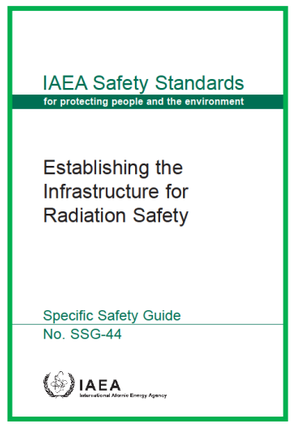
GSG-7 Occupational Radiation Protection



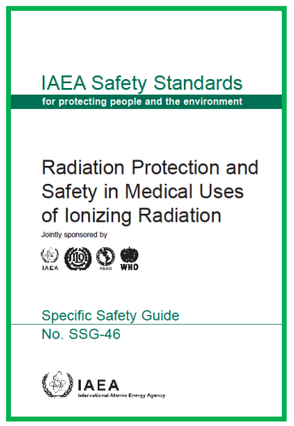
GSG-8 Radiation Protection of the Public and the Environment



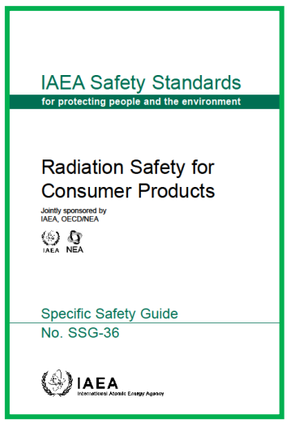
GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities



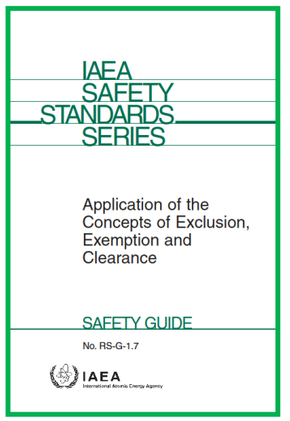
SSG-44 Establishing the Infrastructure for Radiation Safety



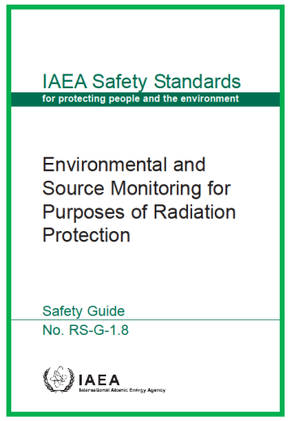
SSG-46 Radiation Protection and Safety in Medical Uses of Ionizing Radiation



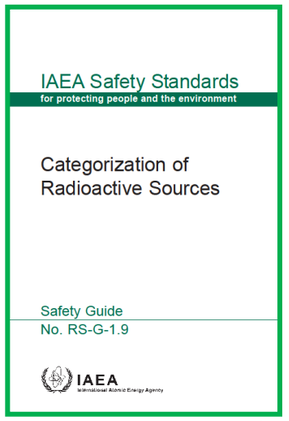
SSG-36 Radiation Safety for Consumer Products



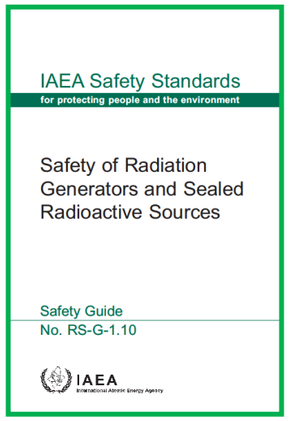
RS-G-1.7 Application of the Concepts of Exclusion, Exemption and Clearance
UR DS499 and DS500



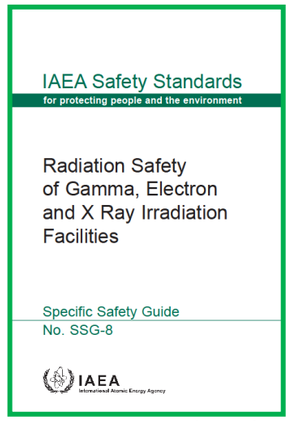
RS-G-1.8 Environmental and Source Monitoring for Purposes of Radiation Protection UR DS505



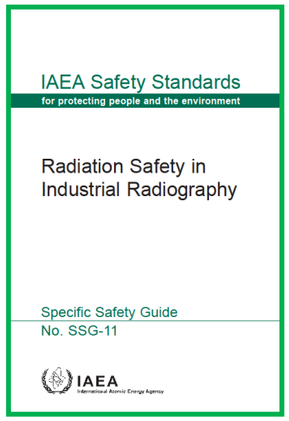
RS-G-1.9 Categorization of Radioactive Sources



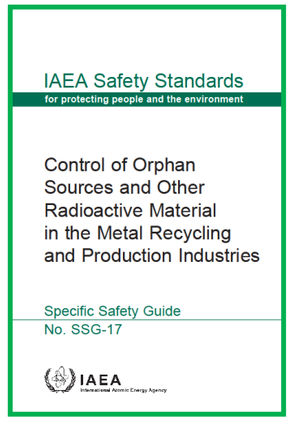
RS-G-1.10 Safety of Radiation Generators and Sealed Radioactive Sources



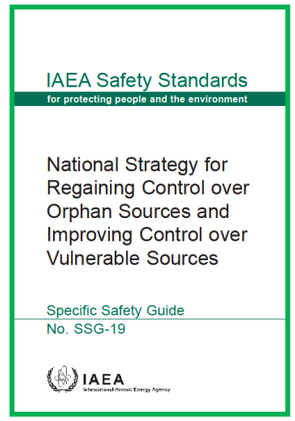
SSG-8 Radiation Safety of Gamma, Electron and X Ray Irradiation Facilities



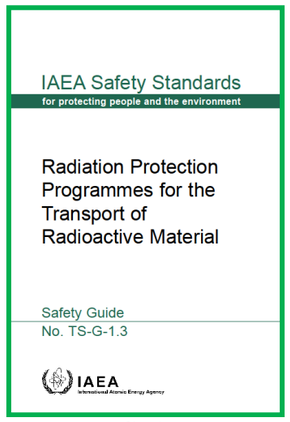
SSG-11 Radiation Safety in Industrial Radiography



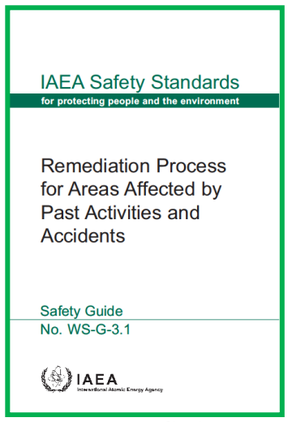
SSG-17 Control of Orphan Sources and Other Radioactive Material in the Metal Recycling and Production Industries



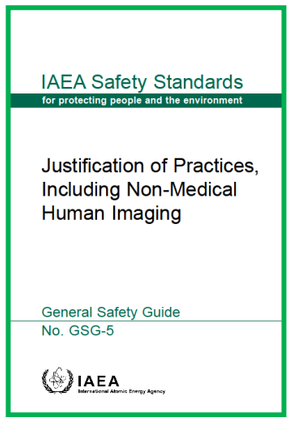
SSG-19 National Strategy for Regaining Control over Orphan Sources and Improving Control over Vulnerable Sources



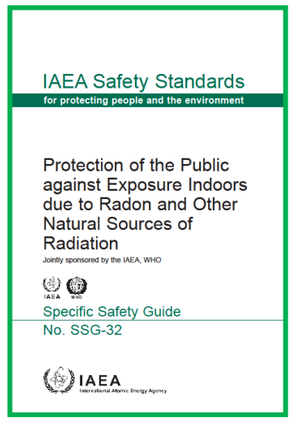
TS-G-1.3 Radiation Protection Programmes for the Transport of Radioactive Material UR DS521



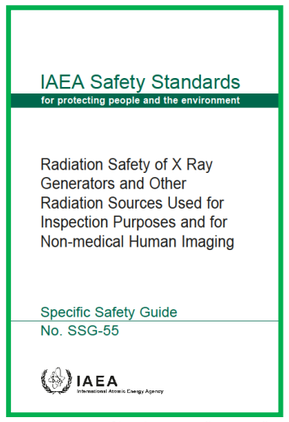
WS-G-3.1 Remediation Process for Areas Affected by Past Activities and Accidents UR DS468



GSG-5 Justification of Practices, Including Non-Medical Imaging

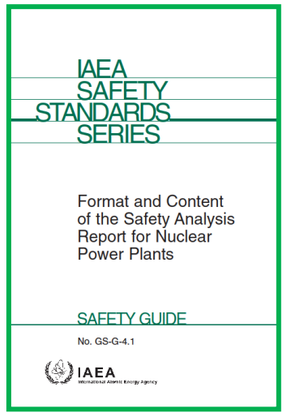


SSG-32 Protection of the Public against Exposure Indoors due to Radon and Other Natural Sources of Radiation

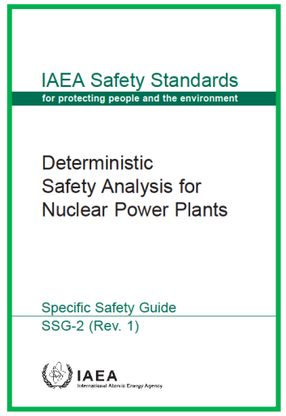


SSG-55 Radiation Safety of X Ray Generators and Other Radiation Sources Used for Inspection Purposes and for Non-medical Human Imaging

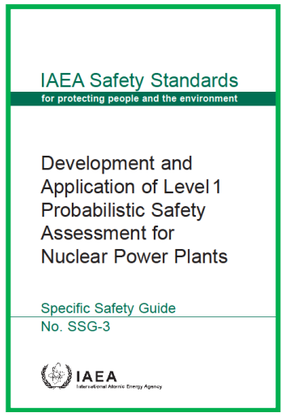
Safety Assessment



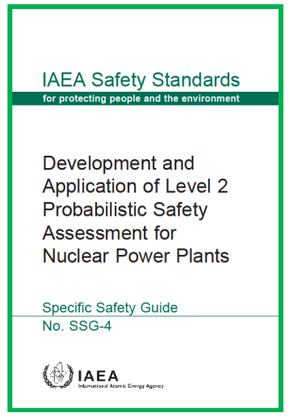
GS-G-4.1 Format and Content of the Safety Analysis Report for Nuclear Power Plants UR DS449



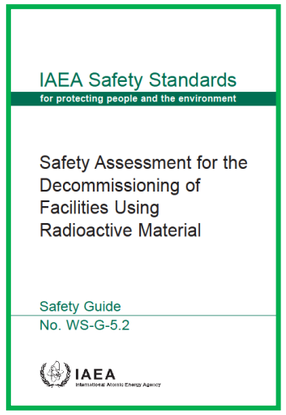
SSG-2 (Rev. 1) Deterministic Safety Analysis for Nuclear Power Plants



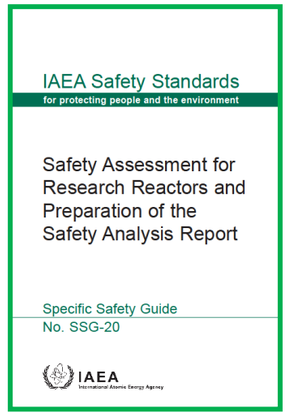
SSG-3 Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants UR DS523



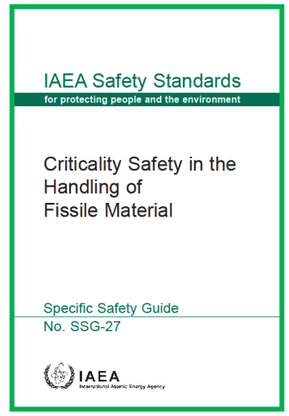
SSG-4 Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants



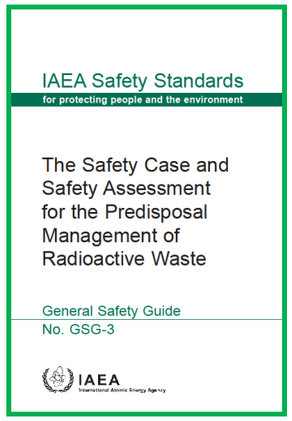
WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material



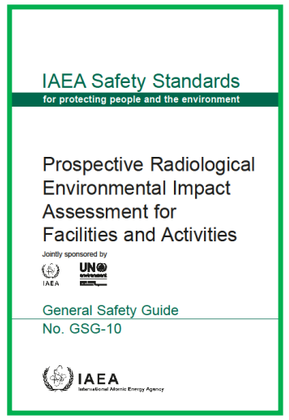
SSG-20 Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report



SSG-27 Criticality Safety in the Handling of Fissile Material UR DS516

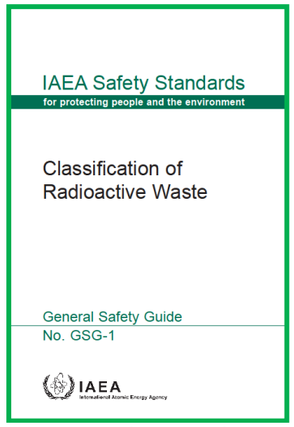


GSG-3 The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste

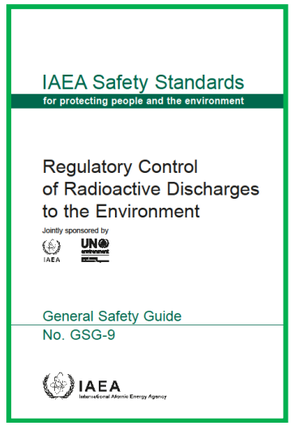


GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities

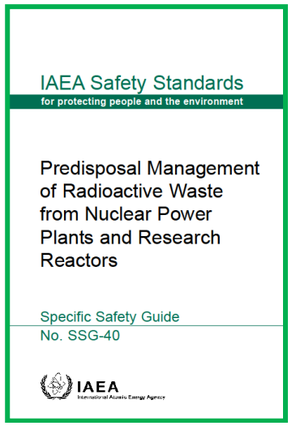
Radioactive Waste Management, Decommissioning & Remediation



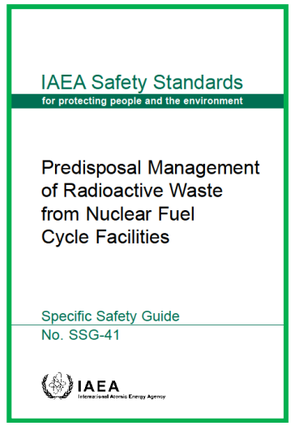
GSG-1 Classification of Radioactive Waste



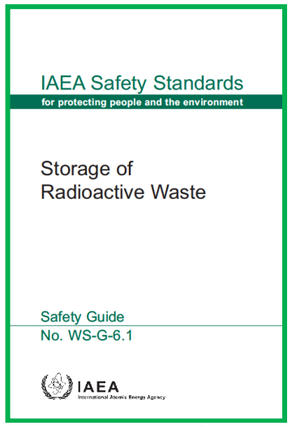
GSG-9 Regulatory Control of Radioactive Discharges to the Environment



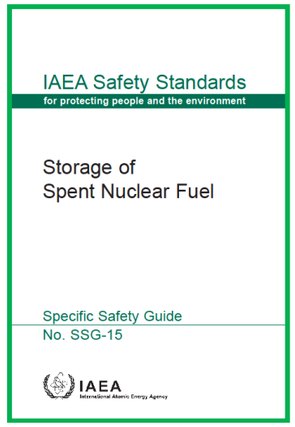
SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors



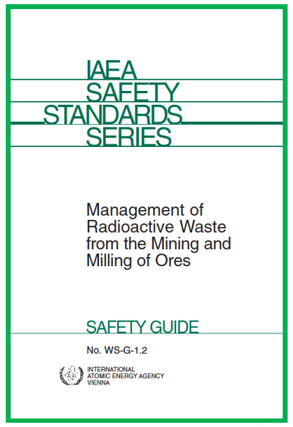
SSG-41 Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities



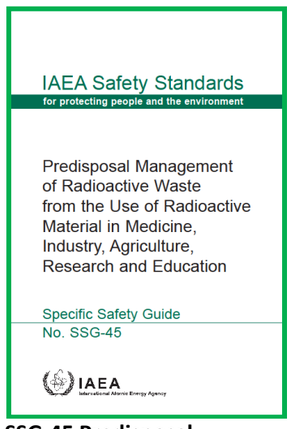
WS-G-6.1 Storage of Radioactive Waste



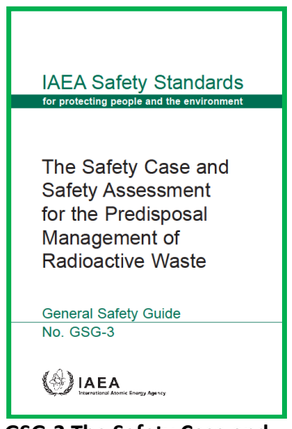
SSG-15 Storage of Spent Nuclear Fuel UR DS489



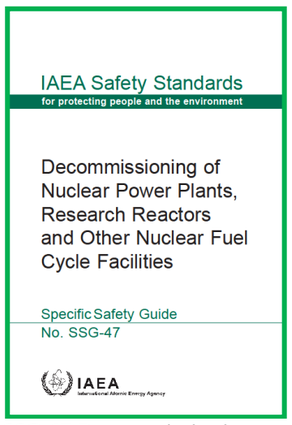
WS-G-1.2 Management of Radioactive Waste from the Mining and Milling of Ores UR DS459



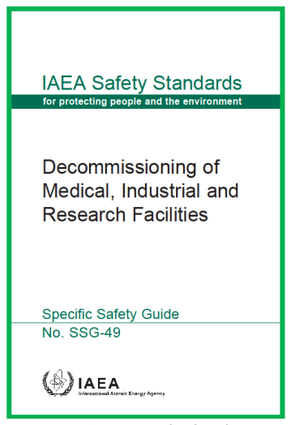
SSG-45 Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education



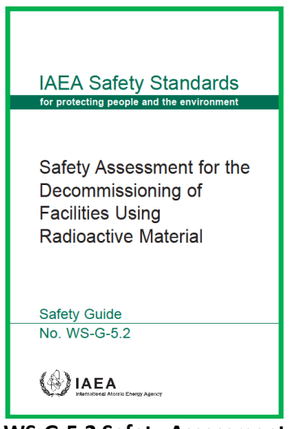
GSG-3 The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste



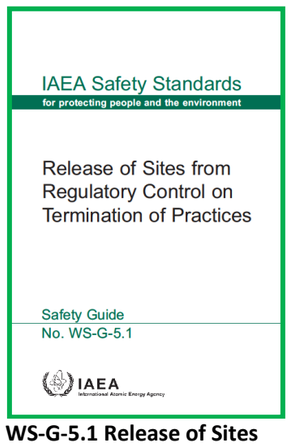
SSG-47 Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities



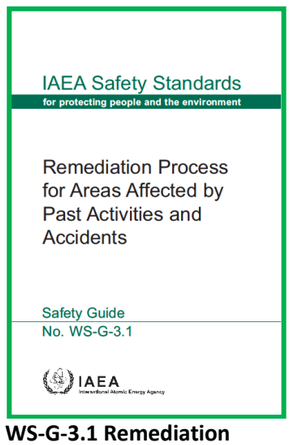
SSG-49 Decommissioning of Medical, Industrial and Research Facilities



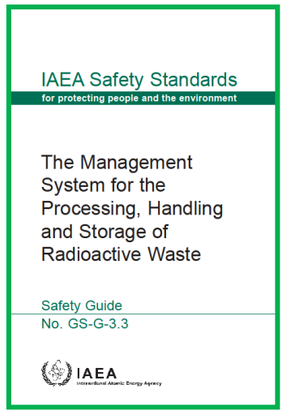
WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material



WS-G-5.1 Release of Sites from Regulatory Control on Termination of Practices Partially revised by GSG-13



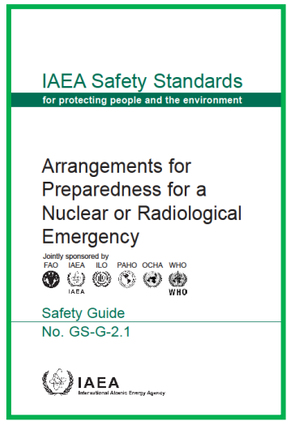
WS-G-3.1 Remediation Process for Areas Affected by Past Activities and Accidents UR DS468



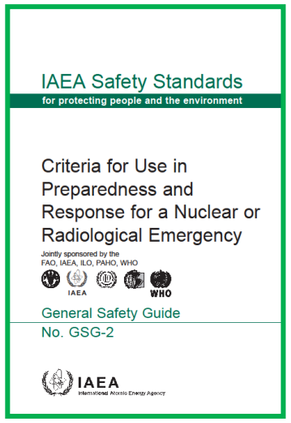
GS-G-3.3 The Management System for the Processing, Handling and Storage of Radioactive Waste

UR DS477

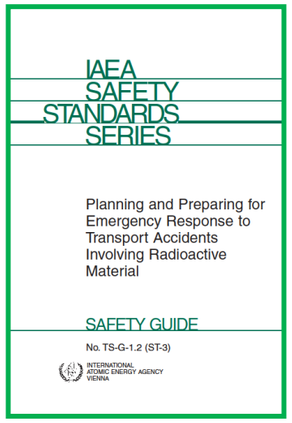
Emergency Preparedness and Response



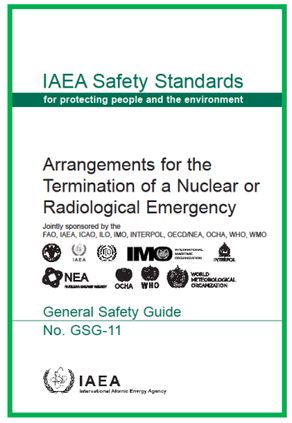
GS-G-2.1 Arrangements for Preparedness for a Nuclear or Radiological Emergency
UR DS504



GSG-2 Criteria for Use in Preparedness and Response for a Nuclear or Radiological Emergency



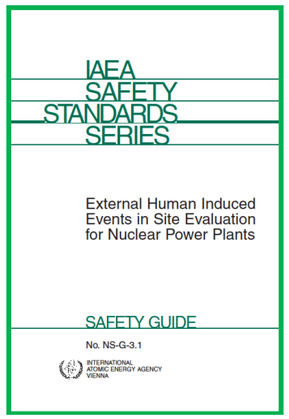
TS-G-1.2 Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material
UR DS469



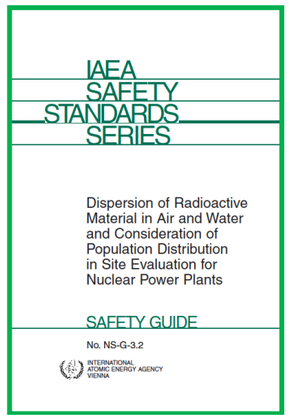
GSG-11 Arrangements for the Termination of a Nuclear or Radiological Emergency

Arrangements for Public Communications in Preparedness and Response for a Nuclear or Radiological Emergency UD DS475

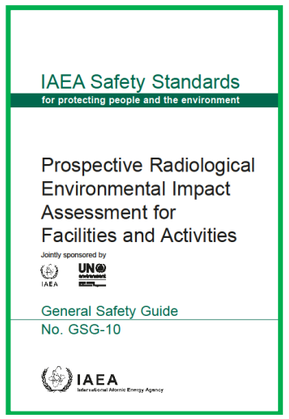
Site Evaluation



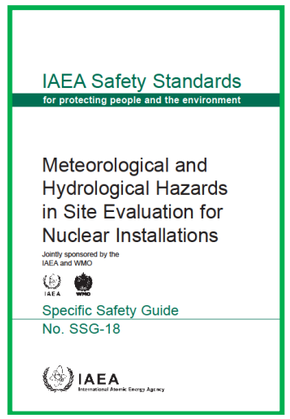
NS-G-3.1 External Human Induced Events in Site Evaluation for Nuclear Power Plants UR DS520



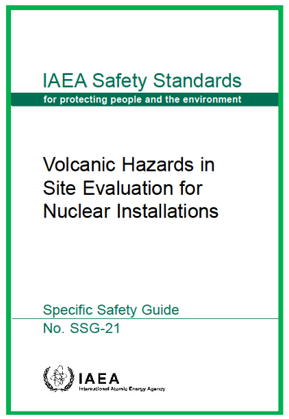
NS-G-3.2 Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for Nuclear Power Plants Partially revised by GSG-10



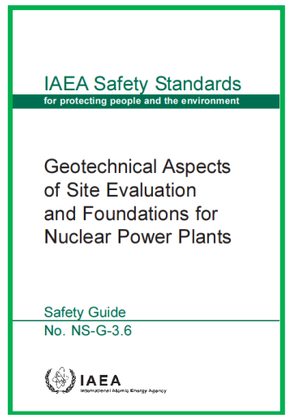
GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities



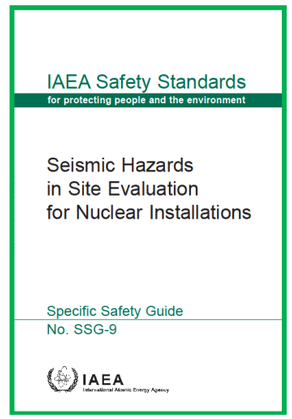
SSG-18 Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations



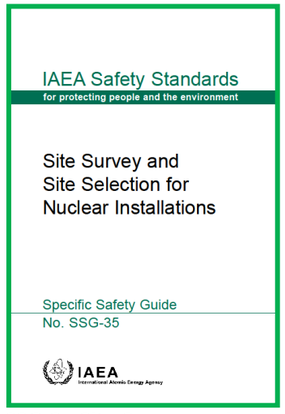
SSG-21 Volcanic Hazards in Site Evaluation for Nuclear Installations



NS-G-3.6 Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants



SSG-9 Seismic Hazards in Site Evaluation for Nuclear Installations UR DS507

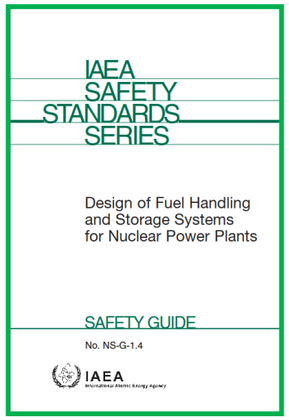


SSG-35 Site Survey and Site Selection for Nuclear Installations

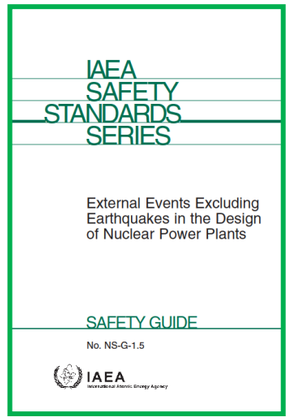
Nuclear Power Plants

Equipment Qualification of Items Important to Safety in Nuclear Installations UD DS514

SSG-39 Design of Instrumentation and Control Systems for Nuclear Power Plants



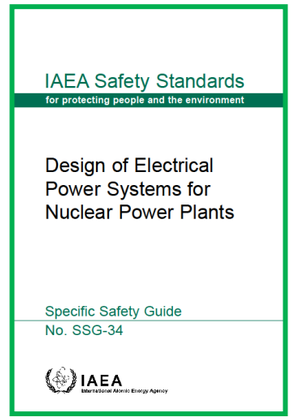
NS-G-1.4 Design of Fuel Handling and Storage Systems for Nuclear Power Plants UR DS487



NS-G-1.5 External Events Excluding Earthquakes in the Design of Nuclear Power Plants UR DS498

NS-G-1.6 Seismic Design and Qualification for Nuclear Power Plants UR DS490

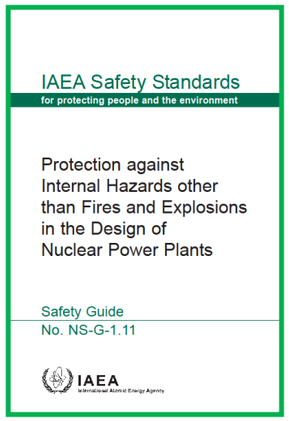
NS-G-1.7 Protection against Internal Fires and Explosions in the Design of Nuclear Power Plants UR DS494



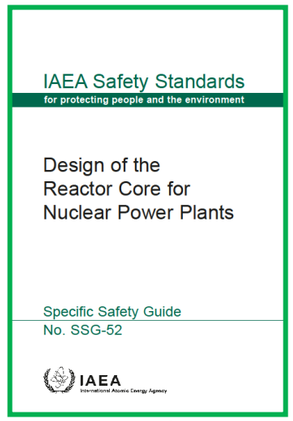
SSG-34 Design of Electrical Power Systems for Nuclear Power Plants

SSG-56 Design of the Reactor Coolant System and Associated Systems for Nuclear Power Plants

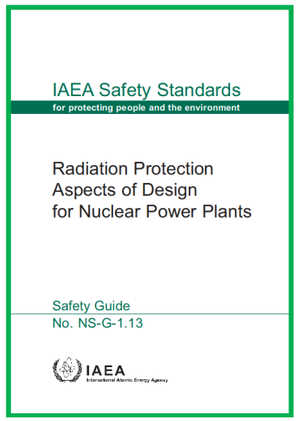
SSG-53 Design of the Reactor Containment and Associated Systems for Nuclear Power Plants



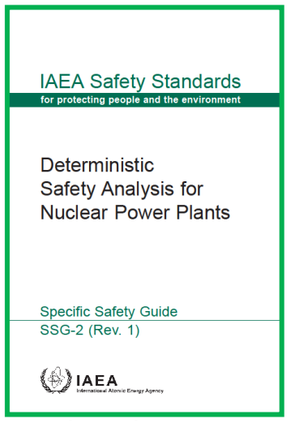
NS-G-1.11 Protection against Internal Hazards other than Fires and Explosions in the Design of Nuclear Power Plants UR DS494



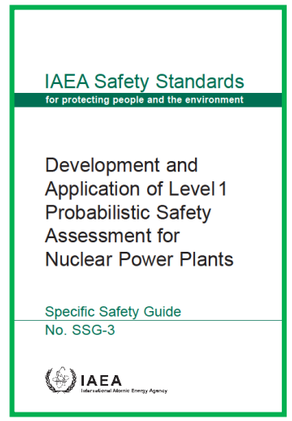
SSG-52 Design of the Reactor Core for Nuclear Power Plants



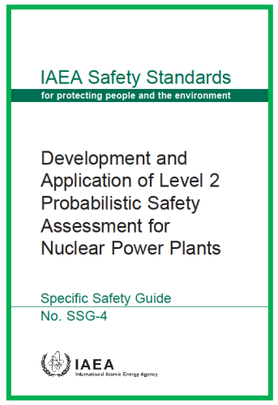
NS-G-1.13 Radiation Protection Aspects of Design for Nuclear Power Plants UR DS524



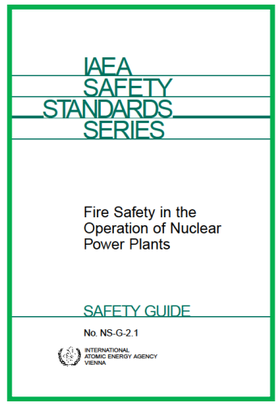
SSG-2 (Rev. 1) Deterministic Safety Analysis for Nuclear Power Plants



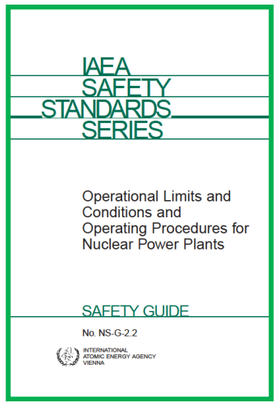
SSG-3 Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants UR DS523



SSG-4 Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants

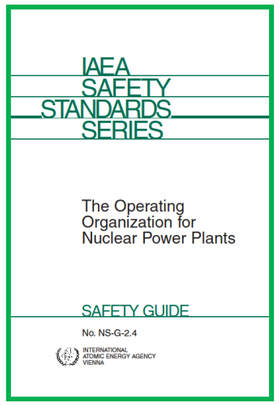


NS-G-2.1 Fire Safety in the Operation of Nuclear Power Plants UR DS503

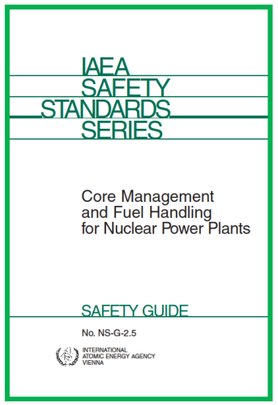


NS-G-2.2 Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants UR DS497

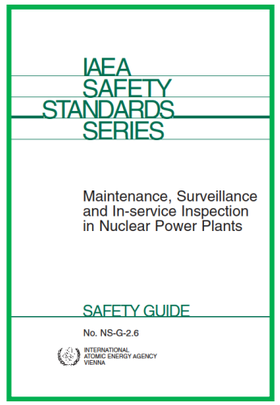
NS-G-2.3 Modifications to Nuclear Power Plants UR DS497



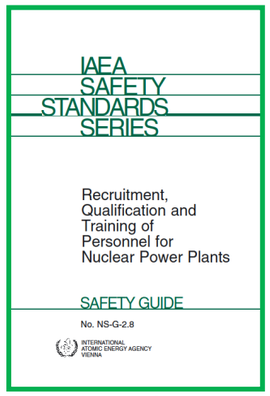
NS-G-2.4 The Operating Organization for Nuclear Power Plants UR DS497



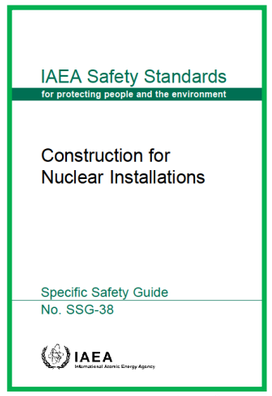
NS-G-2.5 Core Management and Fuel Handling for Nuclear Power Plants UR DS497



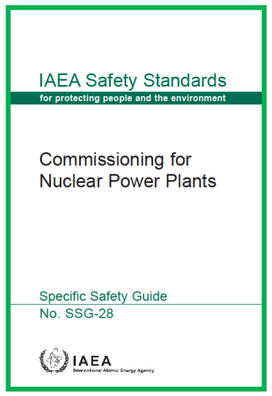
NS-G-2.6 Maintenance, Surveillance and In-service Inspection in Nuclear Power Plants UR DS497



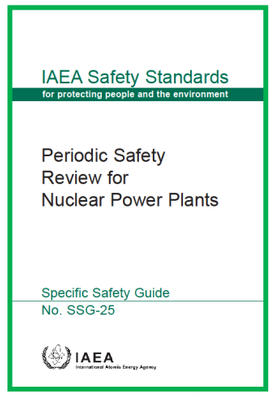
NS-G-2.8 Recruitment, Qualification and Training of Personnel for Nuclear Power Plants UR DS497



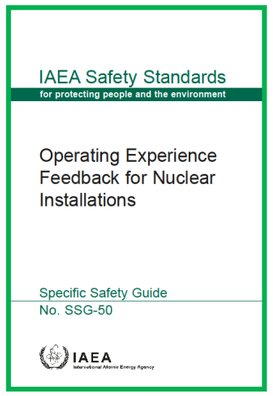
SSG-38 Construction for Nuclear Installations



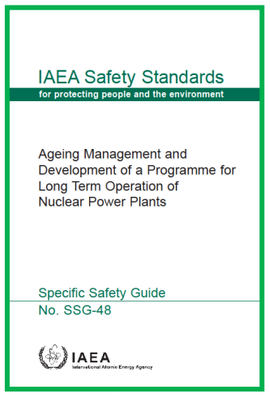
SSG-28 Commissioning for Nuclear Power Plants



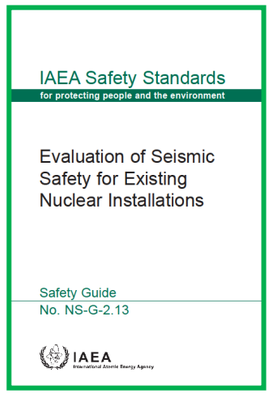
SSG-25 Periodic Safety Review for Nuclear Power Plants



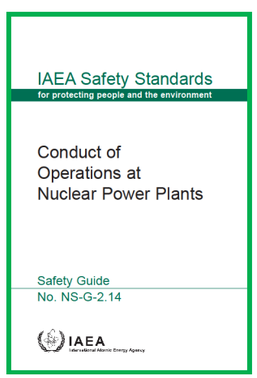
SSG-50 Operating Experience Feedback for Nuclear Installations



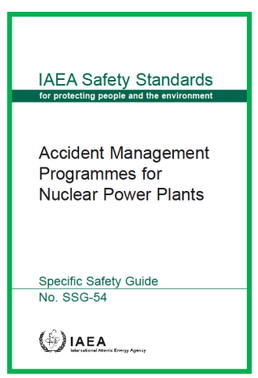
SSG-48 Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants



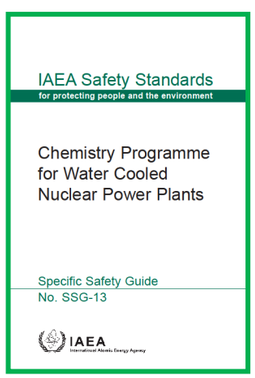
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations UR DS522



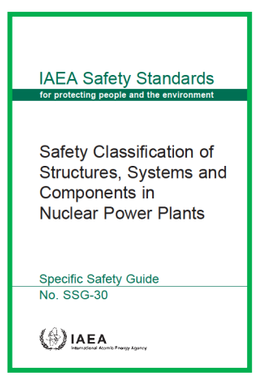
NS-G-2.14 Conduct of Operations at Nuclear Power Plants UR DS497



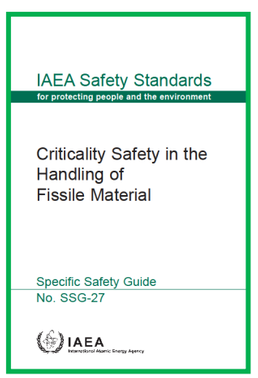
SSG-54 Accident Management Programmes for Nuclear Power Plants



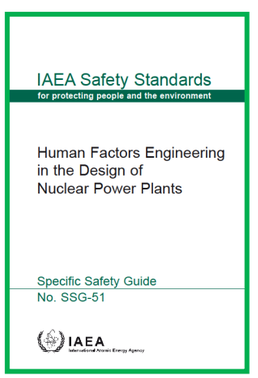
SSG-13 Chemistry Programme for Water Cooled Nuclear Power



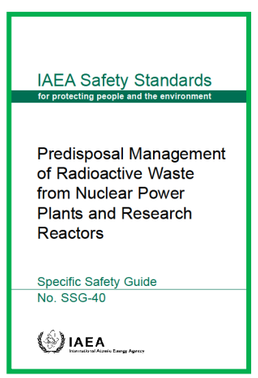
SSG-30 Safety Classification of Structures, Systems and Components in Nuclear



SSG-27 Criticality Safety in the Handling of Fissile Material UR DS516



SSG-51 Human Factors Engineering in the Design of Nuclear Power Plants



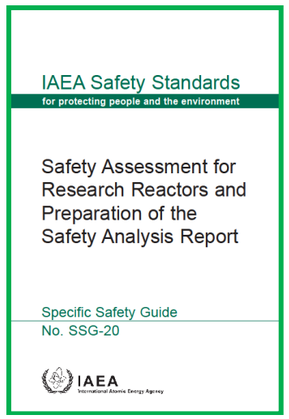
SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power

Plants

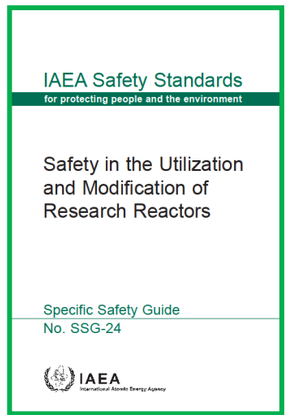
Power Plants

Plants and Research Reactors

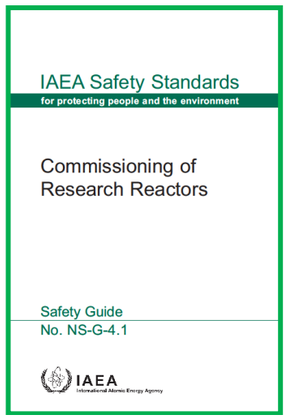
Research Reactors



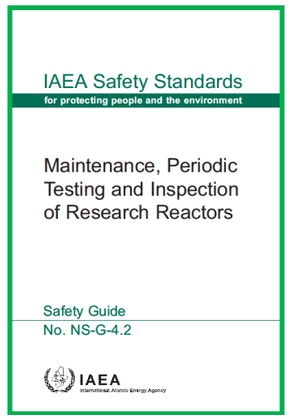
SSG-20 Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report UR DS510



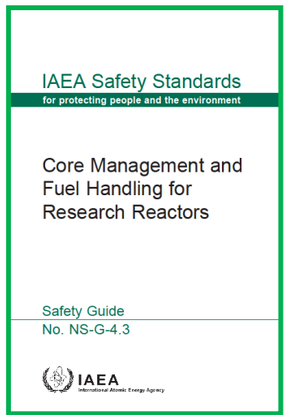
SSG-24 Safety in the Utilization and Modification of Research Reactors UR DS510



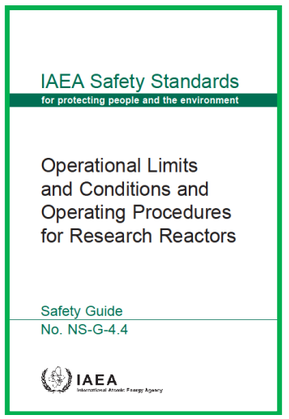
NS-G-4.1 Commissioning of Research Reactors UR DS509



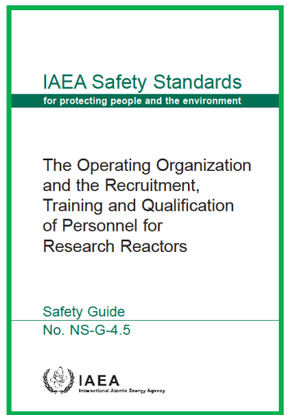
NS-G-4.2 Maintenance, Periodic Testing and Inspection of Research Reactors UR DS509



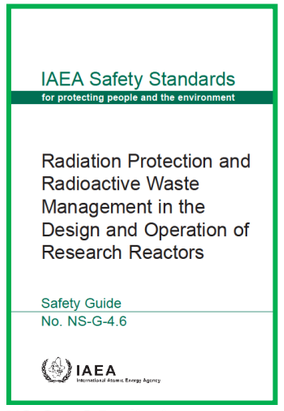
NS-G-4.3 Core Management and Fuel Handling for Research Reactors UR DS509



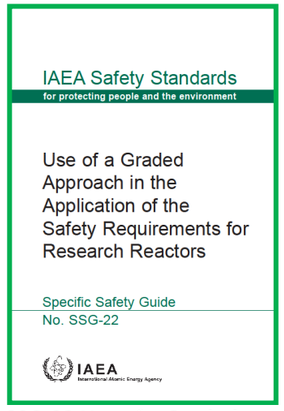
NS-G-4.4 Operational Limits and Conditions and Operating Procedures for Research Reactors UR DS509



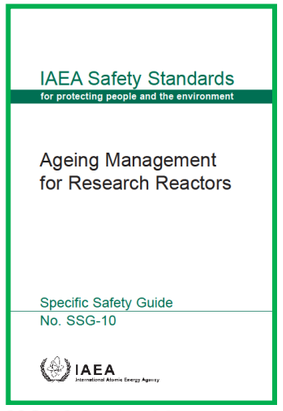
NS-G-4.5 The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors UR DS509



NS-G-4.6 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors UR DS509

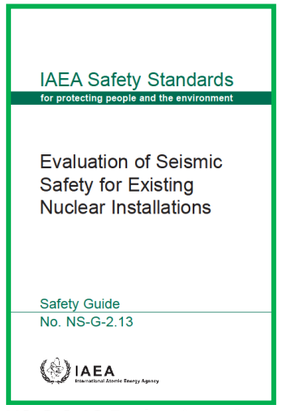


SSG-22 Use of a Graded Approach in the Application of the Safety Requirements for Research Reactors UR DS511

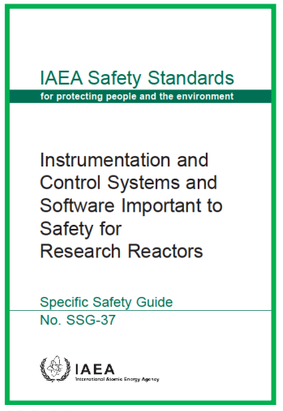


SSG-10 Ageing Management for Research Reactors UR DS509

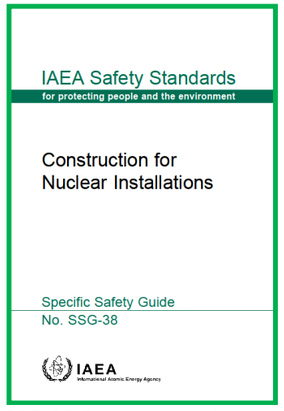
SSG-50 Operating Experience Feedback for Nuclear Installations



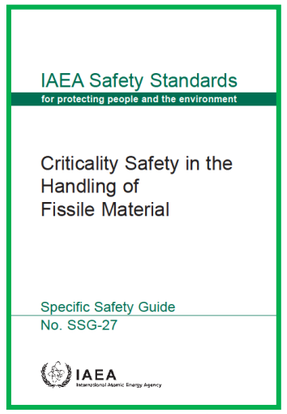
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations UR DS522



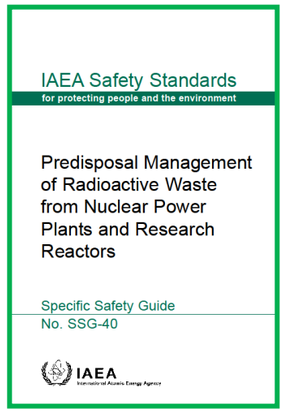
SSG-37 Instrumentation and Control Systems and Software Important to Safety for Research Reactors UR DS509



SSG-38 Construction for Nuclear Installations

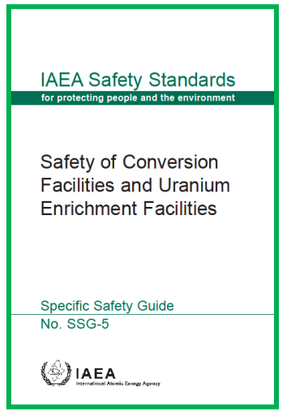


SSG-27 Criticality Safety in the Handling of Fissile Material UR DS516

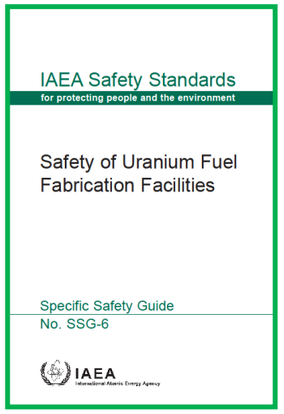


SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors

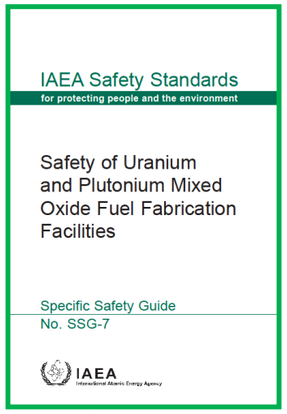
Nuclear Fuel Cycle Facilities



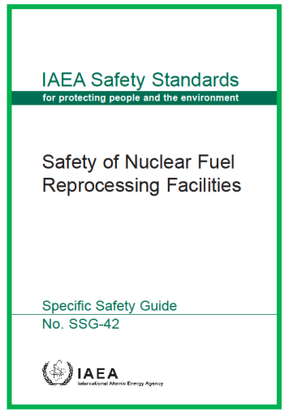
SSG-5 Safety of Conversion Facilities and Uranium Enrichment Facilities
UR DS517



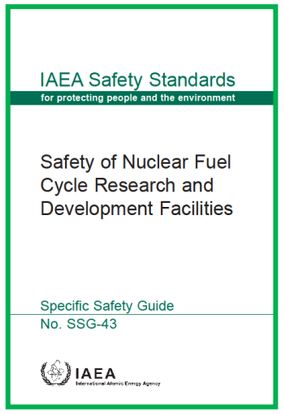
SSG-6 Safety of Uranium Fuel Fabrication Facilities
UR DS517



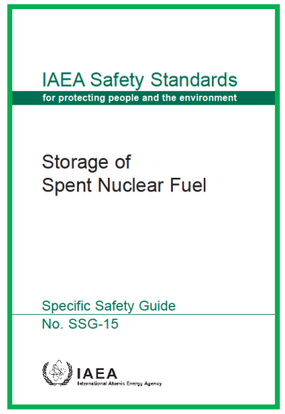
SSG-7 Safety of Uranium and Plutonium Mixed Oxide Fuel Fabrication Facilities
UR DS517



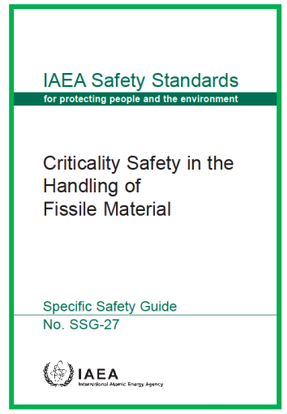
SSG-42 Safety of Nuclear Fuel Reprocessing Facilities
UR DS518



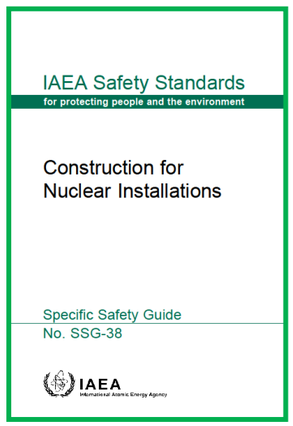
SSG-43 Safety of Nuclear Fuel Cycle Research and Development Facilities
UR DS518



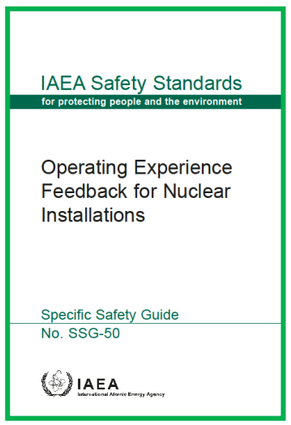
SSG-15 Storage of Spent Nuclear Fuel UR DS489



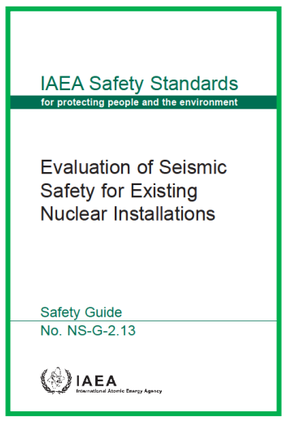
SSG-27 Criticality Safety in the Handling of Fissile Material UR DS516



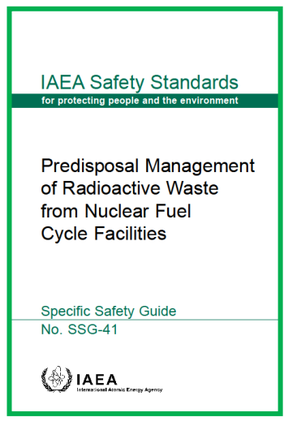
SSG-38 Construction for Nuclear Installations



SSG-50 Operating Experience Feedback for Nuclear Installations

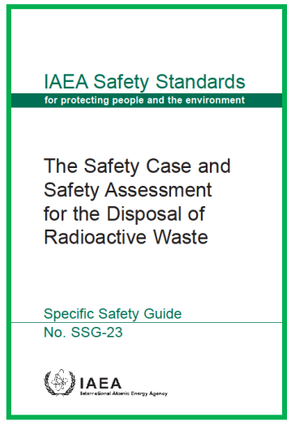


NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations
UR DS522

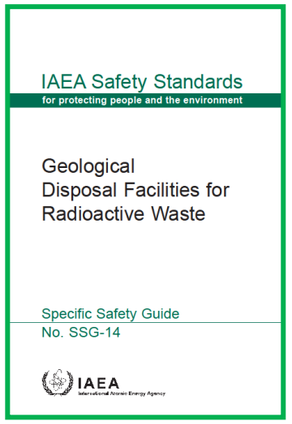


SSG-41 Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities

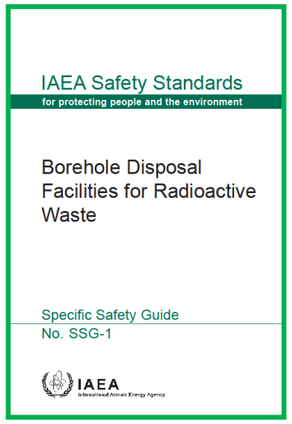
Radioactive Waste Disposal Facilities



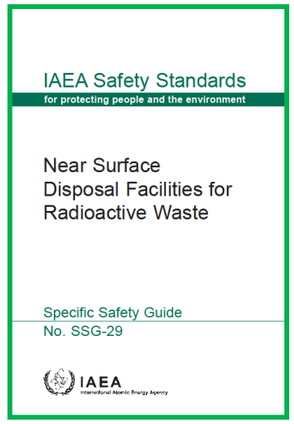
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste



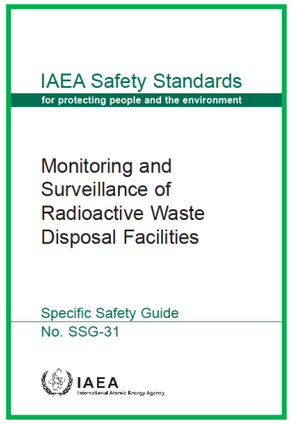
SSG-14 Geological Disposal Facilities for Radioactive Waste



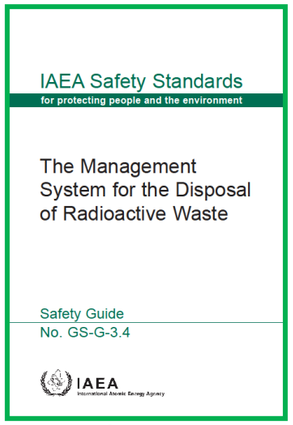
SSG-1 Borehole Disposal Facilities for Radioactive Waste UR DS512



SSG-29 Near Surface Disposal Facilities for Radioactive Waste

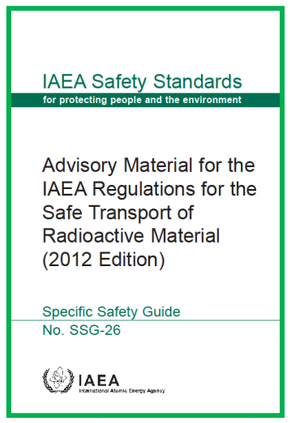


SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities

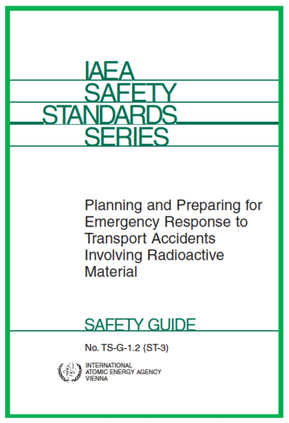


GS-G-3.4 The Management System for the Disposal of Radioactive Waste UR DS477

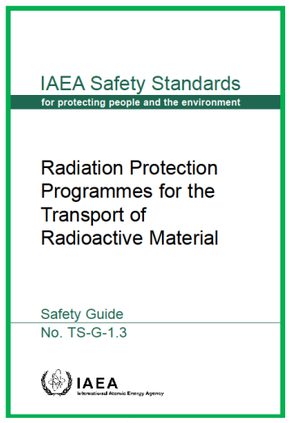
Transport of Radioactive Material



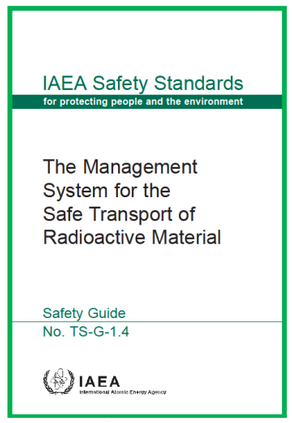
SSG-26 Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2012 Edition) UR DS496



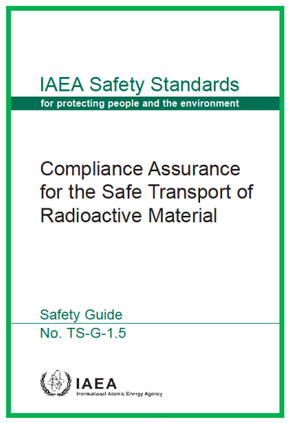
TS-G-1.2 Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material UR DS469



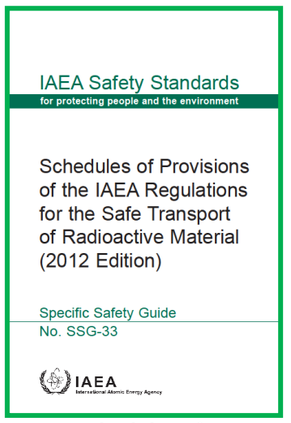
TS-G-1.3 Radiation Protection Programmes for the Transport of Radioactive Material UR DS521



TS-G-1.4 The Management System for the Safe Transport of Radioactive Material



TS-G-1.5 Compliance Assurance for the Safe Transport of Radioactive Material UR DS515



SSG-33 Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2012 Edition) UR DS506