

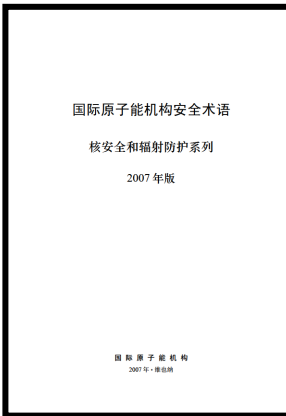
Status on 24 February 2023 – Double-Click on the relevant cover page to open the corresponding pdf file – You may also search for words or SS number in the title

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>

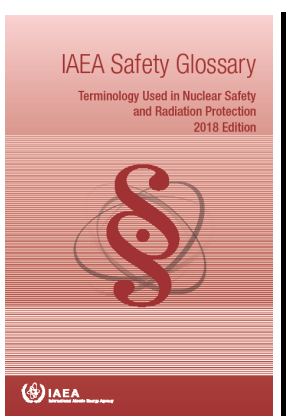
Existing Standards under revision and new Standards under development are also highlighted by “UR” and “UD”, respectively, followed by the number of the project



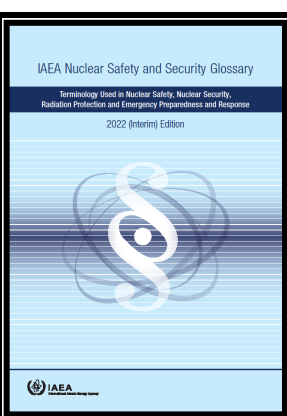
Fundamental Safety Principles



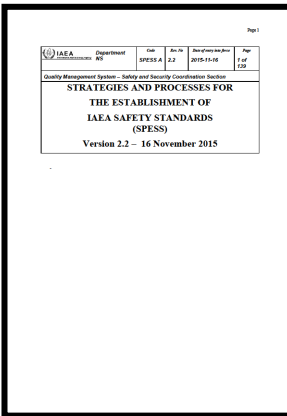
Glossary 2007



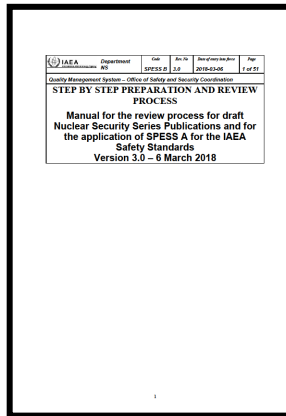
Glossary 2018



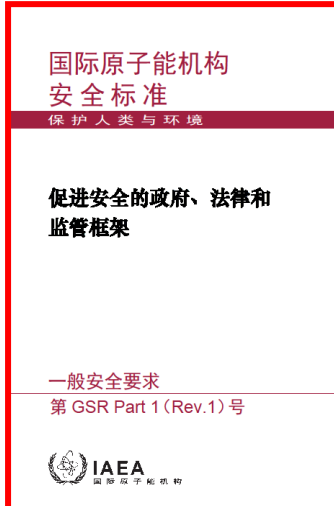
Nuclear Safety and Security Glossary



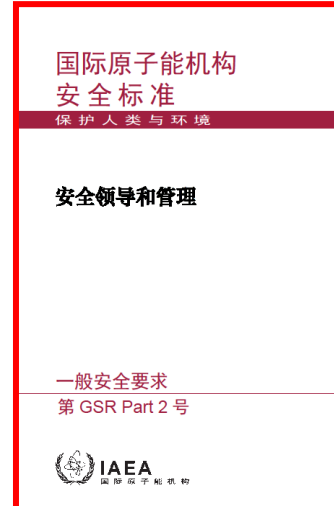
SPSS A



SPSS B



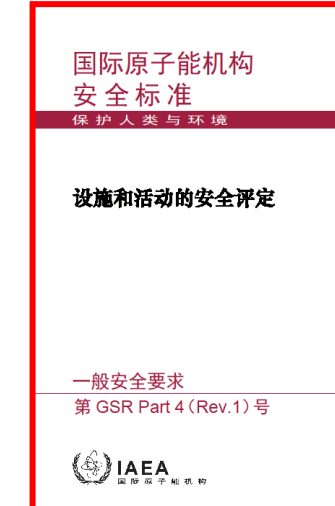
GSR Part 1 (Rev. 1) Governmental, Legal and Regulatory Framework for Safety



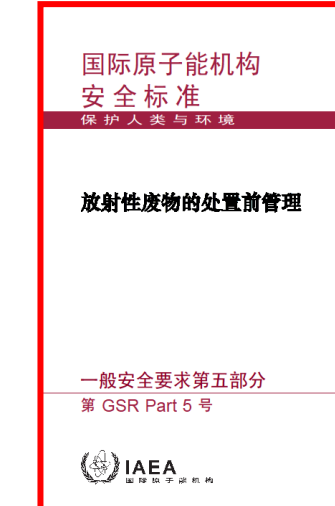
GSR Part 2 Leadership and Management for Safety



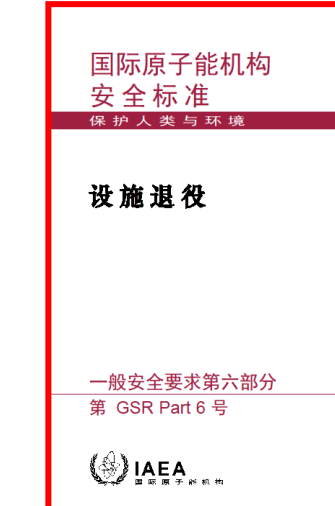
GSR Part 3 Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards



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



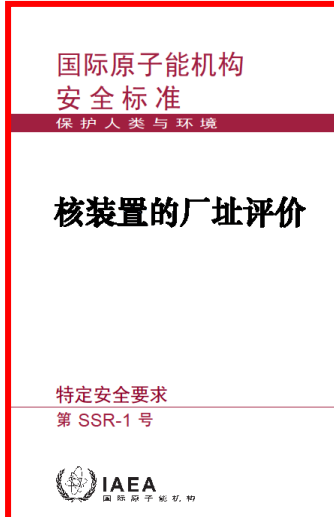
GSR Part 5 Pre-disposal Management of Radioactive Waste



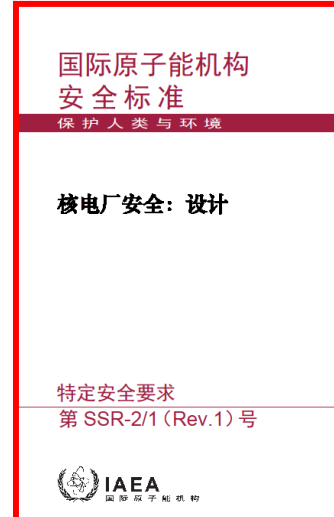
GSR Part 6 Decommissioning of Facilities



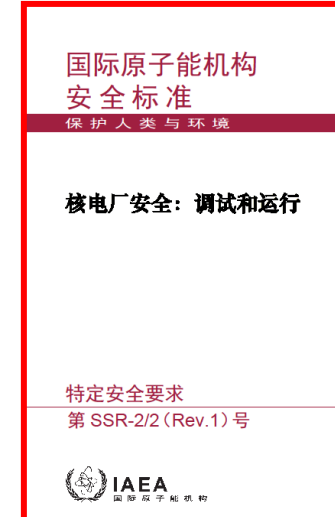
GSR-Part 7 Preparedness and Response for a Nuclear or Radiological Emergency



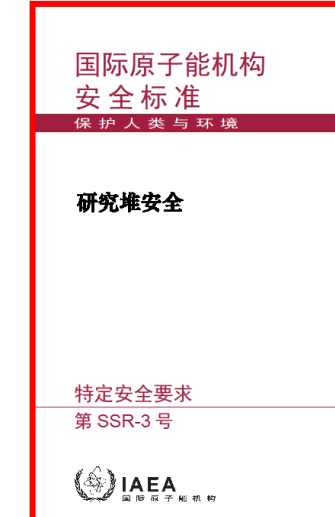
SSR-1 Site Evaluation for Nuclear Installations



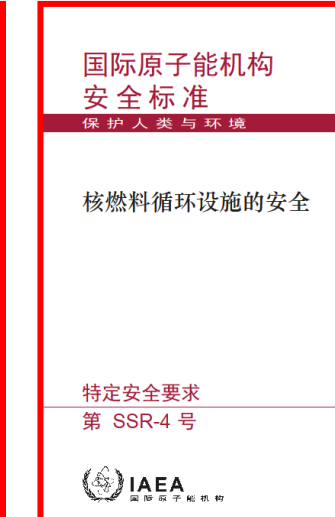
SSR-2/1 (Rev. 1) Safety of Nuclear Power Plants: Design



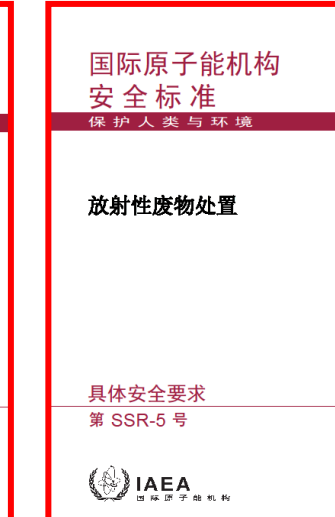
SSR-2/2 (Rev. 1) Safety of Nuclear Power Plants: Commissioning and



SSR-3 Safety of Research Reactors



SSR-4 Safety of Nuclear Fuel Cycle Facilities

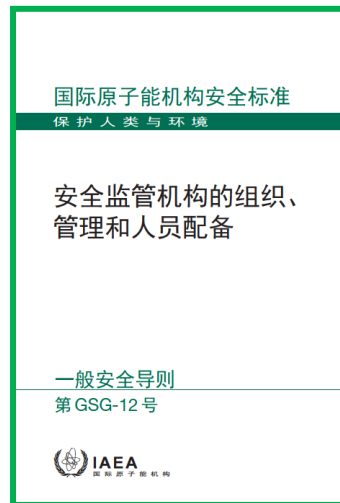


SSR-5 Disposal of Radioactive Waste

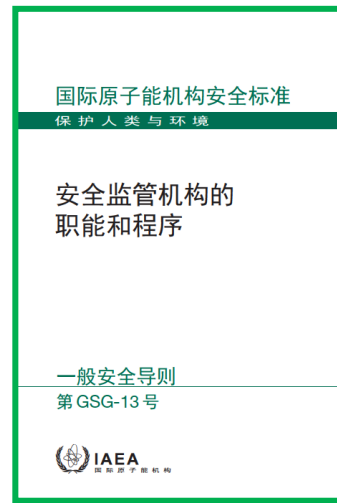


SSR-6 (Rev. 1) Regulations for the Safe Transport of Radioactive Material

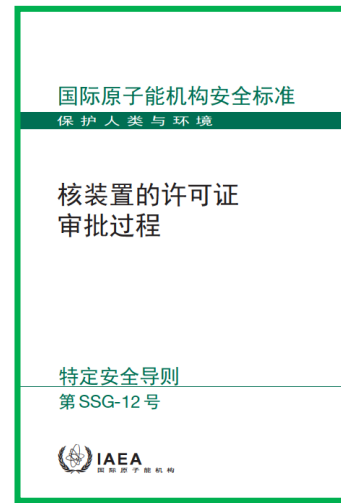
Governmental, Legal and Regulatory Framework – Safety Infrastructure



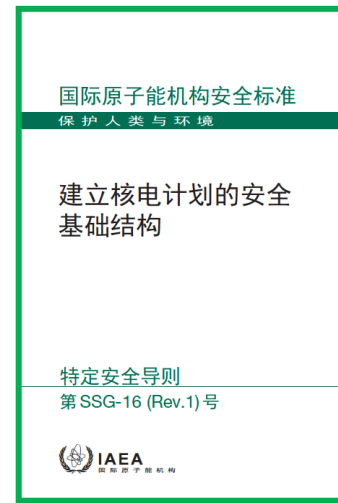
GSG-12: Organisation, Management and Staffing of a Regulatory Body for Safety



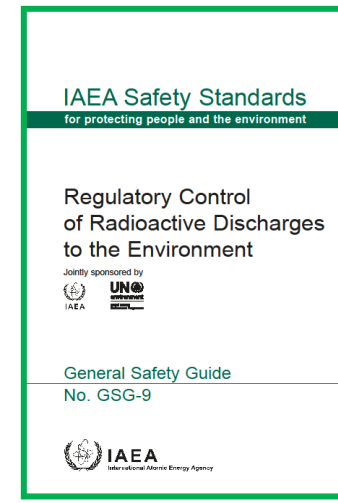
GSG-13: Functions and Processes of the Regulatory Body for Safety



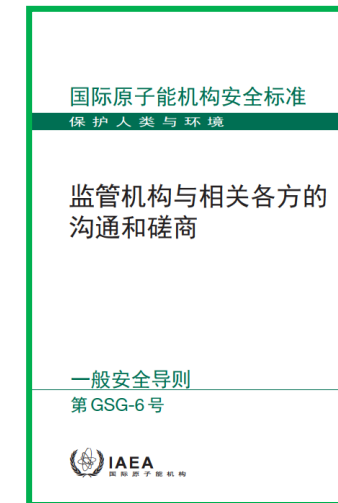
SSG-12 Licensing Process for Nuclear Installations
Partially revised by GSG-13
UR DS539



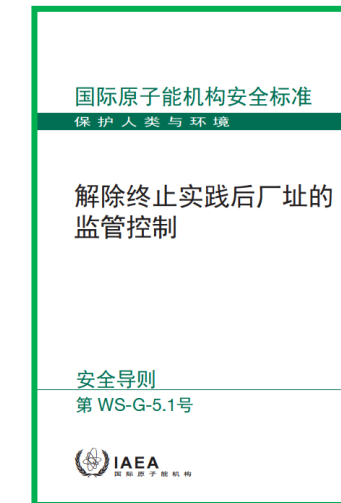
SSG-16 (Rev. 1) Establishing the Safety Infrastructure for a Nuclear Power Programme



GSG-9 Regulatory Control of Radioactive Discharges to the Environment

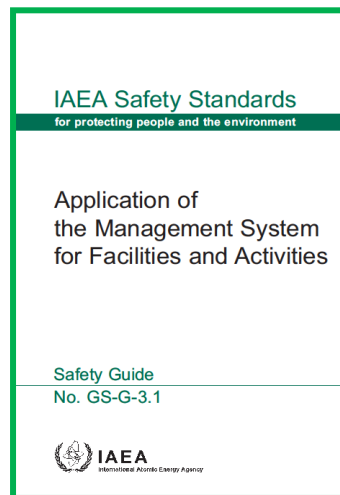


GSG-6 Communication and Consultation with Interested Parties by the Regulatory Body

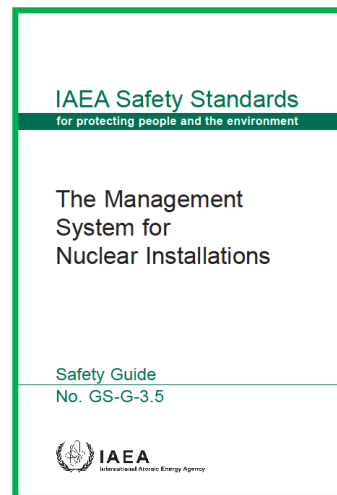


WS-G-5.1 Release of Sites from Regulatory Control on Termination of Practices
Partially revised by GSG-13

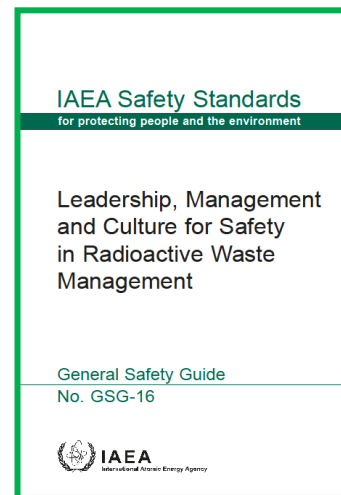
Management Systems



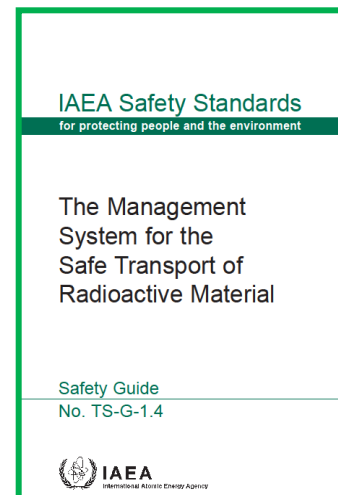
GS-G-3.1 Application of the Management System for Facilities and Activities
UR DS513



GS-G-3.5 The Management System for Nuclear Installations



GSG-16 Leadership, Management and Culture for Safety in Radioactive Waste Management



TS-G-1.4 The Management System for the Safe Transport of Radioactive Material
UR DS530

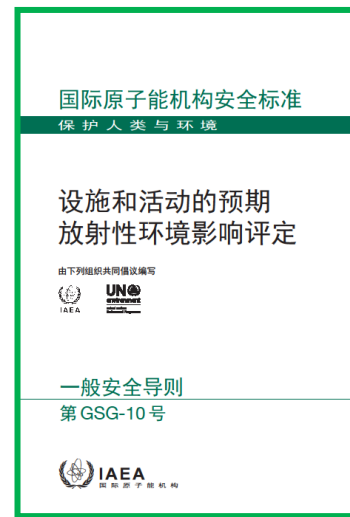
Radiation Protection and Safety of Radiation Sources Remediation



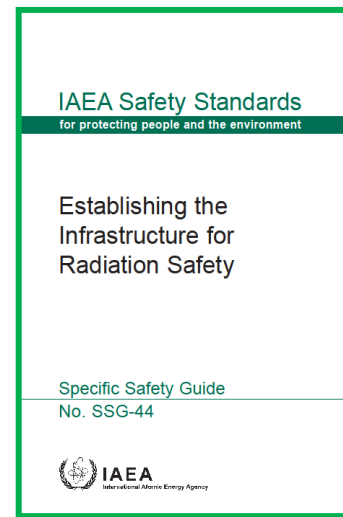
GSG-7 Occupational Radiation Protection



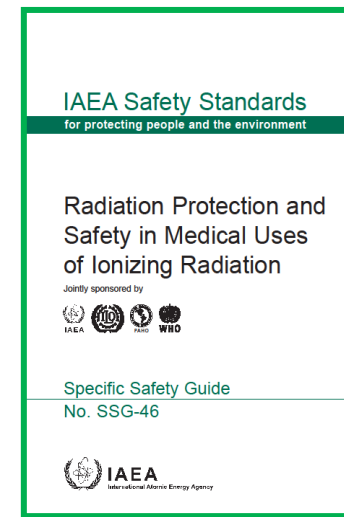
GSG-8 Radiation Protection of the Public and the Environment



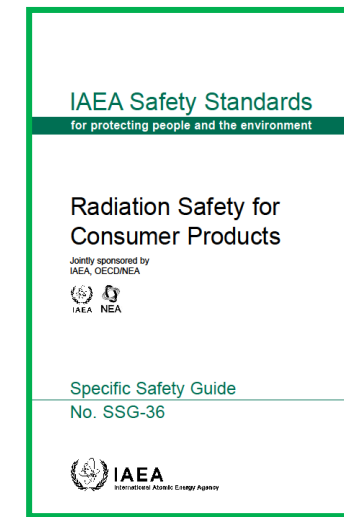
GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities



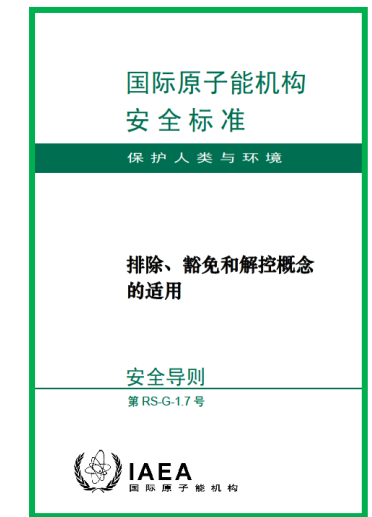
SSG-44 Establishing the Infrastructure for Radiation Safety



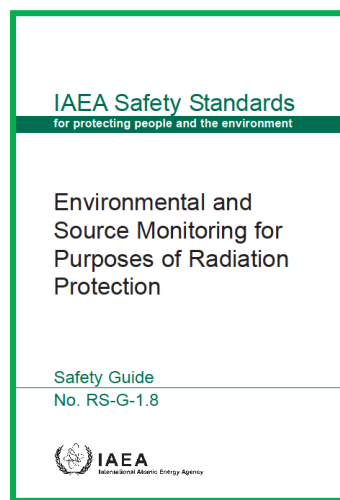
SSG-46 Radiation Protection and Safety in Medical Uses of Ionizing Radiation



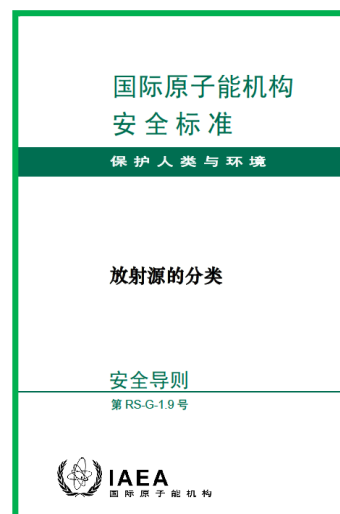
SSG-36 Radiation Safety for Consumer Products



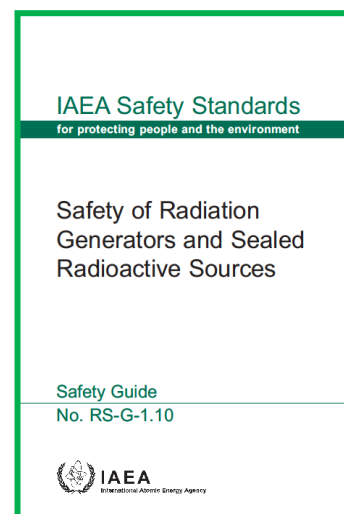
RS-G-1.7 Application of the Concepts of Exclusion, Exemption and Clearance
UR DS499 and DS500



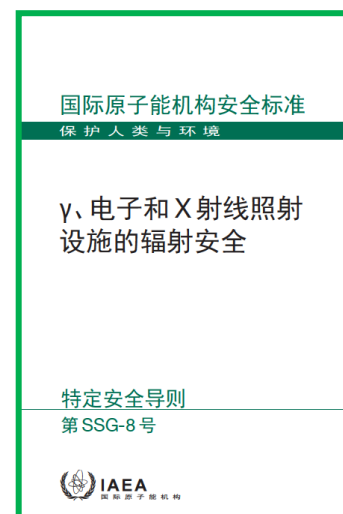
RS-G-1.8 Environmental and Source Monitoring for Purposes of Radiation Protection
UR DS505



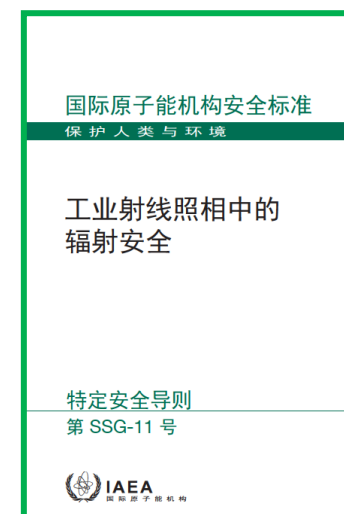
RS-G-1.9 Categorization of Radioactive Sources



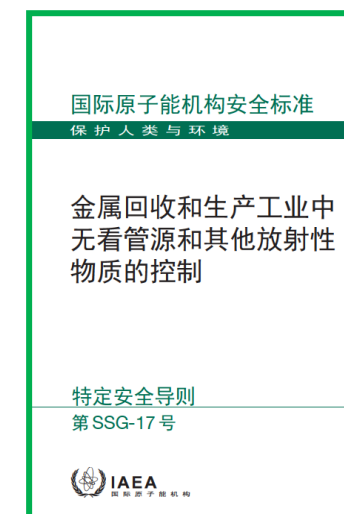
RS-G-1.10 Safety of Radiation Generators and Sealed Radioactive Sources



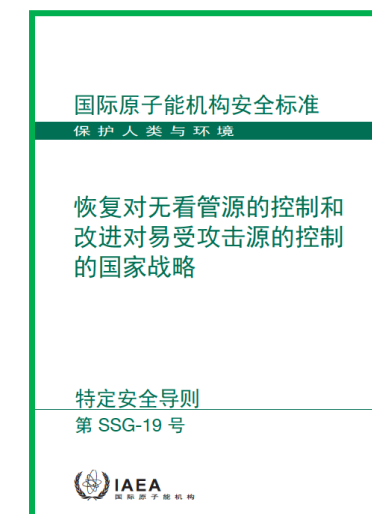
SSG-8 Radiation Safety of Gamma, Electron and X Ray Irradiation Facilities



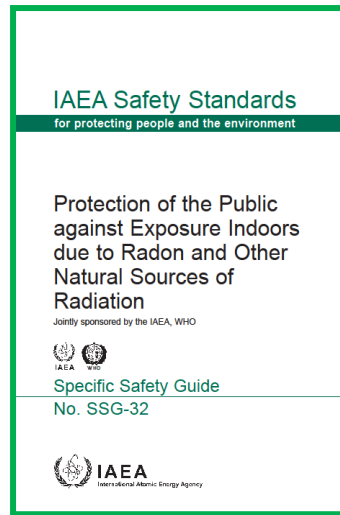
SSG-11 Radiation Safety in Industrial Radiography
UR DS540



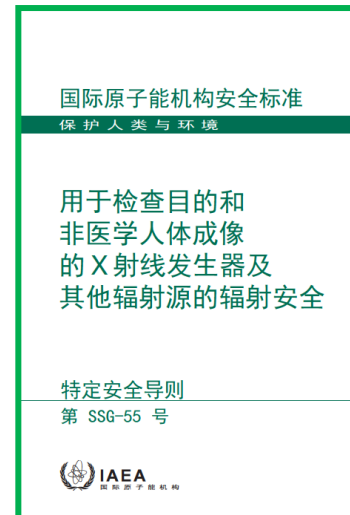
SSG-17 Control of Orphan Sources and Other Radioactive Material in the Metal Recycling and Production Industries



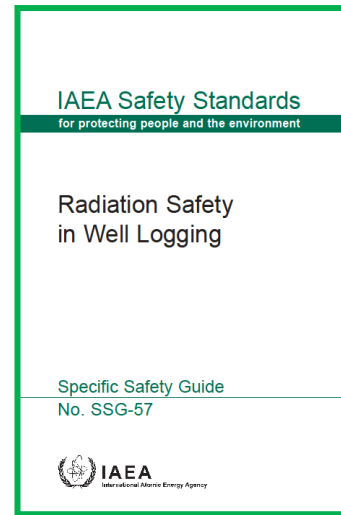
SSG-19 National Strategy for Regaining Control over Orphan Sources and Improving Control over Vulnerable Sources



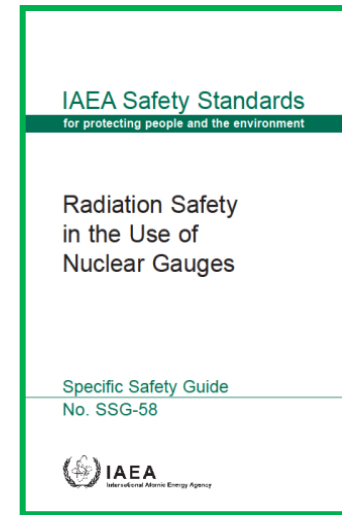
SSG-32 Protection of the Public against Exposure Indoors due to Radon and Other Natural Sources of Radiation



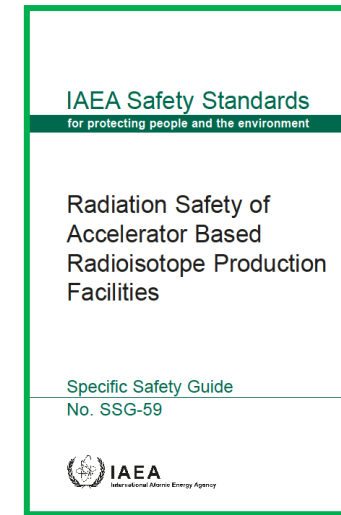
SSG-55 Radiation Safety of X Ray Generators and Other Radiation Sources Used for Inspection Purposes and for Non-medical Human Imaging



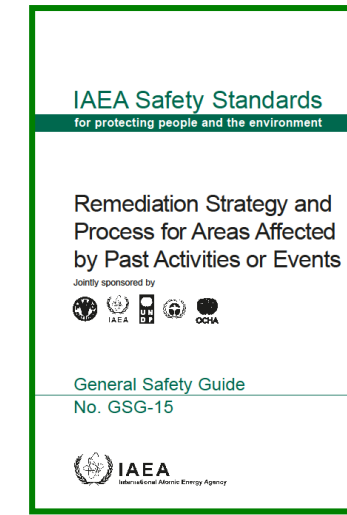
SSG-57 Radiation Safety in Well Logging



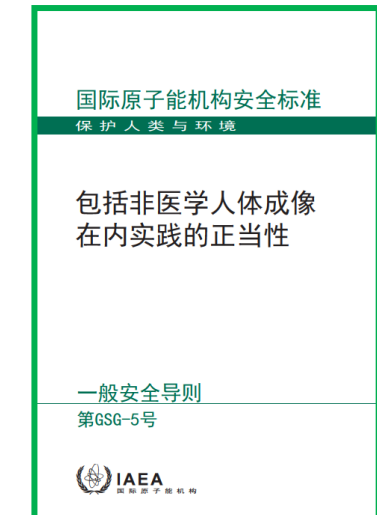
SSG-58 Radiation Safety in the Use of Nuclear Gauges



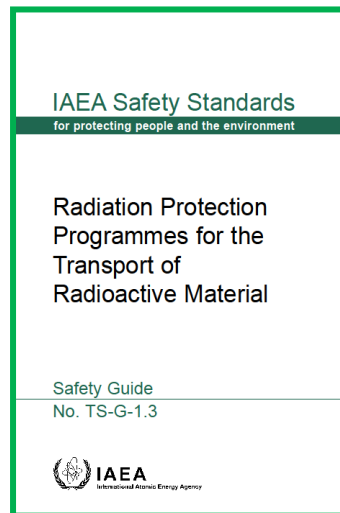
SSG-59 Radiation Safety of Accelerator Based Radioisotope Production Facilities



GSG-15 Remediation Strategy and Process for Areas Affected by Past Activities or Events



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



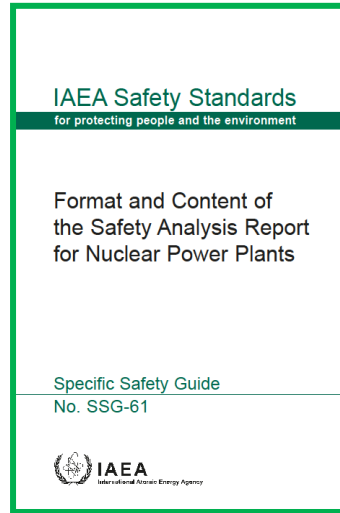
TS-G-1.3 Radiation Protection Programmes for the Transport of Radioactive Material
UR DS521

DS470 Radiation Safety of Radiation Sources used in Research and Education
UD

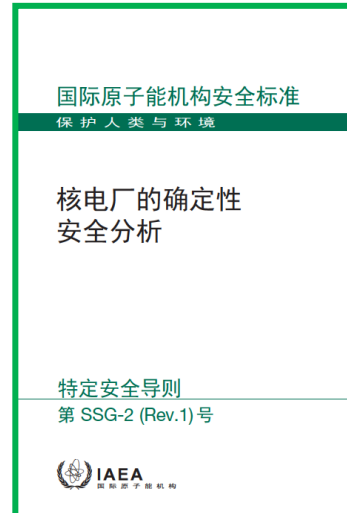
DS519 Protection of Workers against Exposure due to Radon
UD

DS538 Long Term Post Remediation Management of Areas Affected by Past Activities and Events
UD

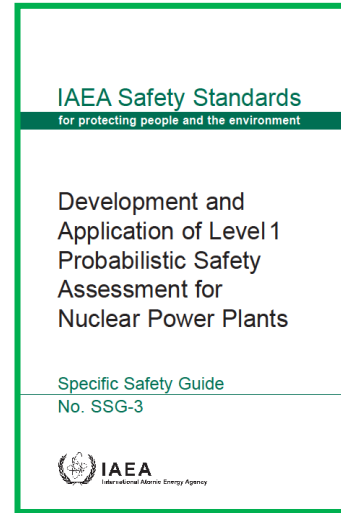
Safety Assessment



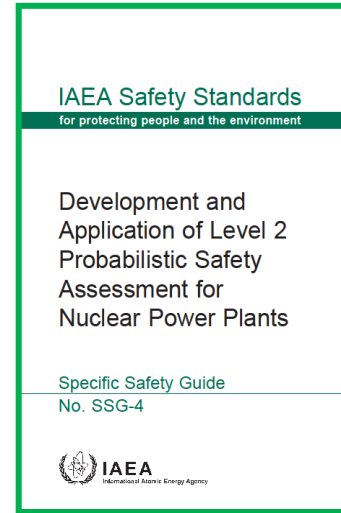
SSG-61 Format and Content of the Safety Analysis Report for Nuclear Power Plants



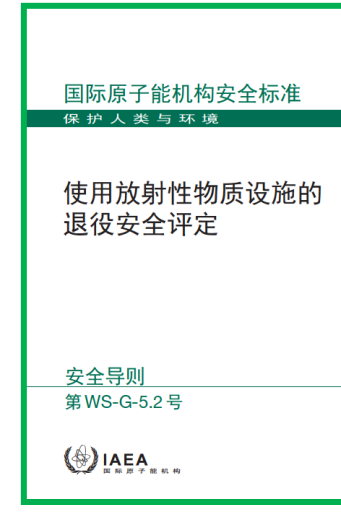
SSG-2 (Rev. 1) Deterministic Safety Analysis for Nuclear Power Plants



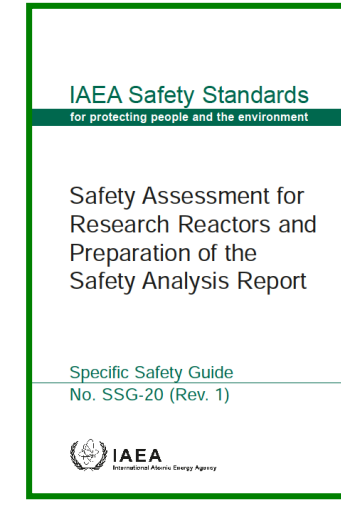
SSG-3 Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants [UR DS523](#)



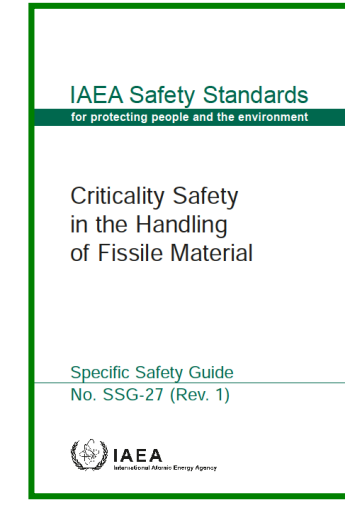
SSG-4 Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants [UR DS528](#)



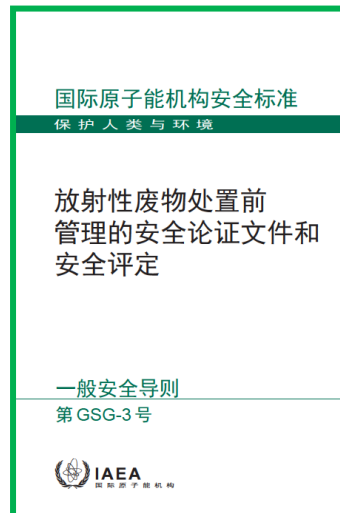
WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material



SSG-20 (Rev. 1) Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report



SSG-27 (Rev. 1) Criticality Safety in the Handling of Fissile Material



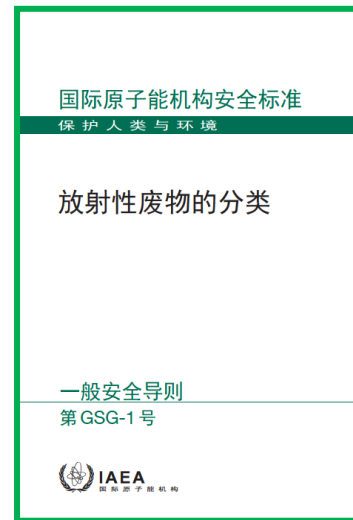
GSG-3 The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste



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

[DS537](#) Safety Demonstration of Innovative Technology in Power Reactor Designs [UD](#)

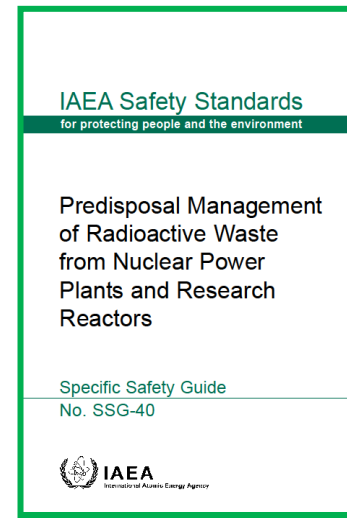
Radioactive Waste Management, Decommissioning & Remediation



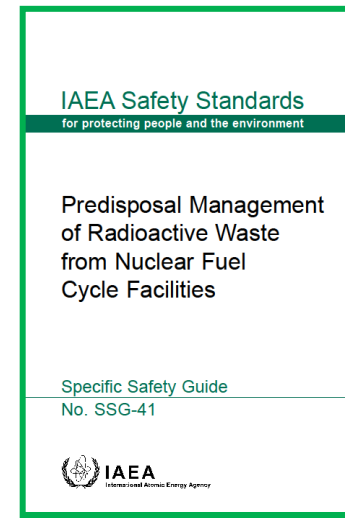
GSG-1 Classification of Radioactive Waste



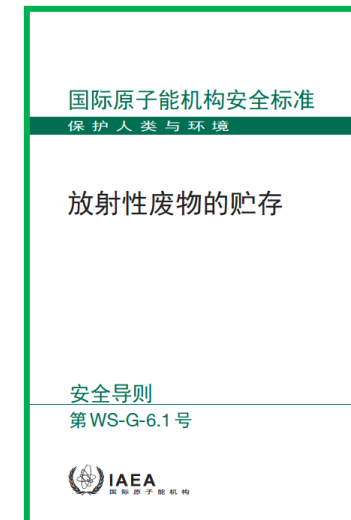
GSG-9 Regulatory Control of Radioactive Discharges to the Environment



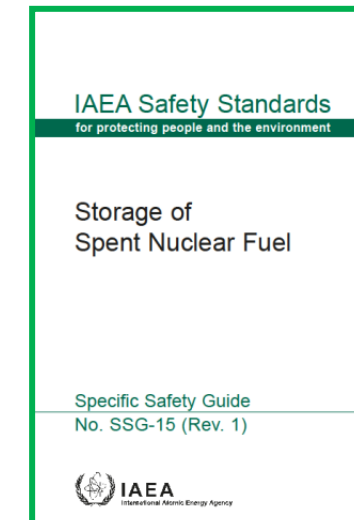
SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors



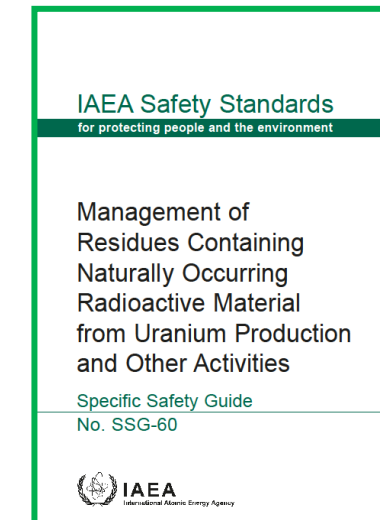
SSG-41 Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities



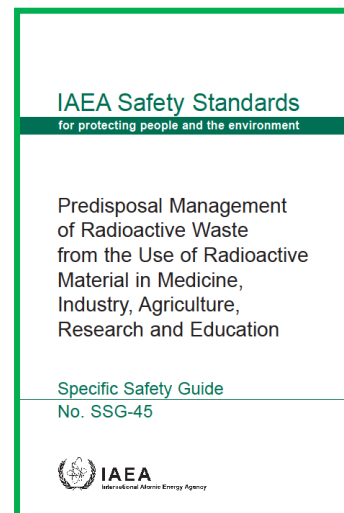
WS-G-6.1 Storage of Radioactive Waste



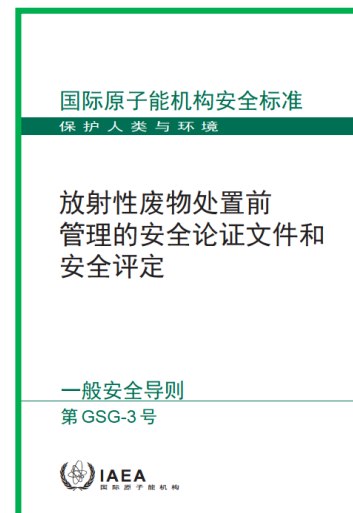
SSG-15 (Rev. 1) Storage of Spent Nuclear Fuel



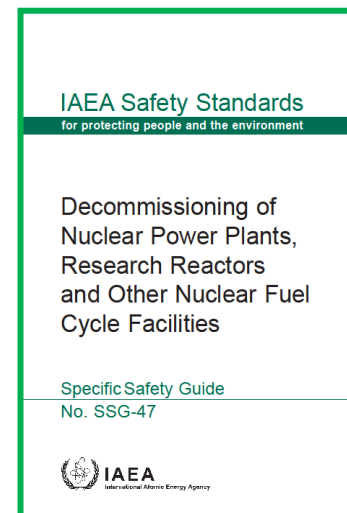
SSG-60 Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and Other Activities



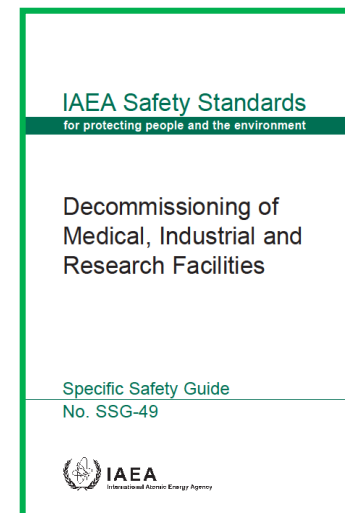
SSG-45 Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education



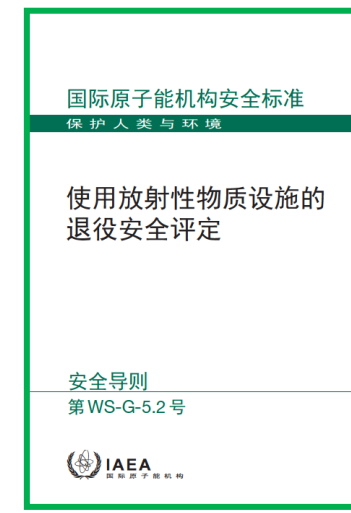
GSG-3 The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste



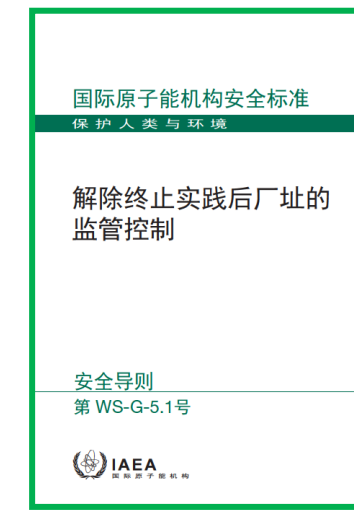
SSG-47 Decommissioning of Nuclear Power Plants, Research Reactors and other Nuclear Fuel Cycle Facilities



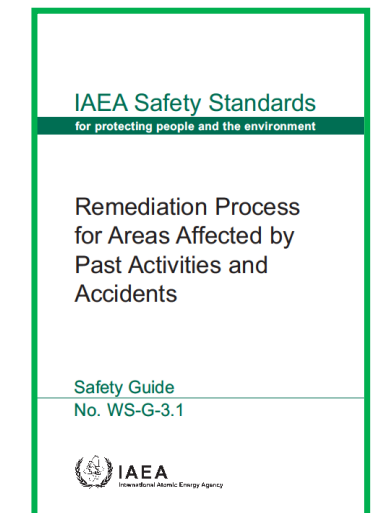
SSG-49 Decommissioning of Medical, Industrial and Research Facilities



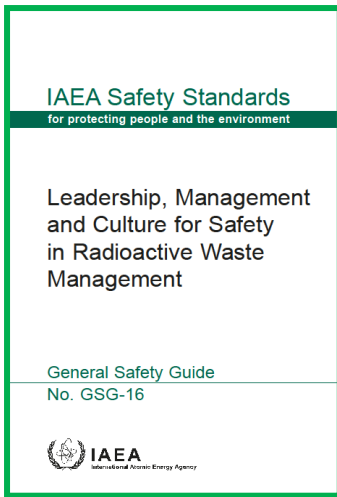
WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material



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



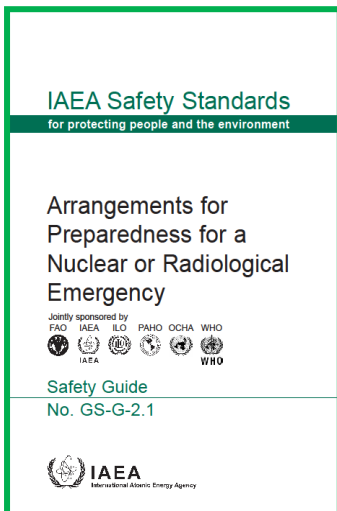
WS-G-3.1 Remediation Process for Areas Affected by Past Activities and Accidents
UR DS468



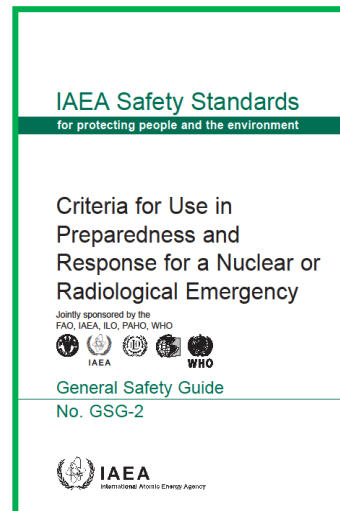
GSG-16 Leadership, Management and Culture for Safety in Radioactive Waste Management

DS526: National Policies and Strategies for the Safety of Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation UD

Emergency Preparedness and Response



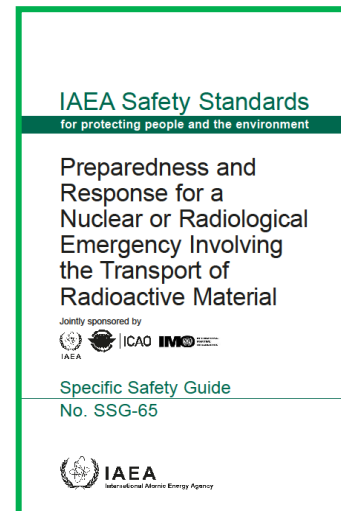
GS-G-2.1 Arrangements for Preparedness for a Nuclear or Radiological Emergency UR DS504



GSG-2 Criteria for Use in Preparedness and Response for a Nuclear or Radiological Emergency UR DS527



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

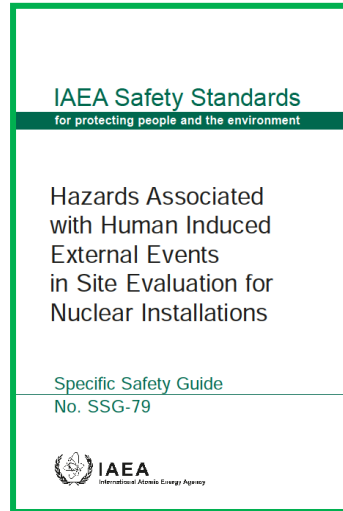


SSG-65 Preparedness and Response for a Nuclear or Radiological Emergency involving the Transport of Radioactive Material

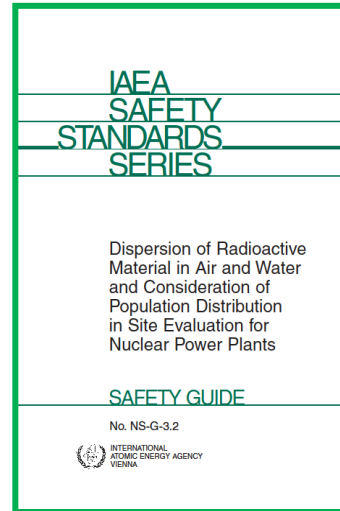


GSG-14 Arrangements for Public Communications in Preparedness and Response for a Nuclear or Radiological Emergency

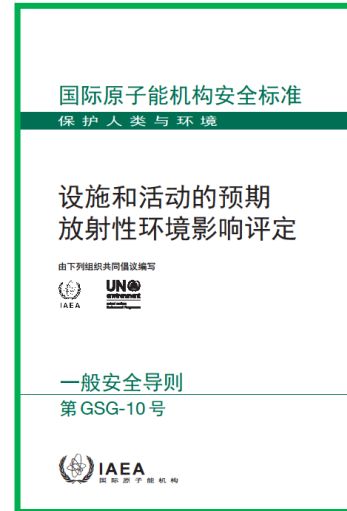
Site Evaluation



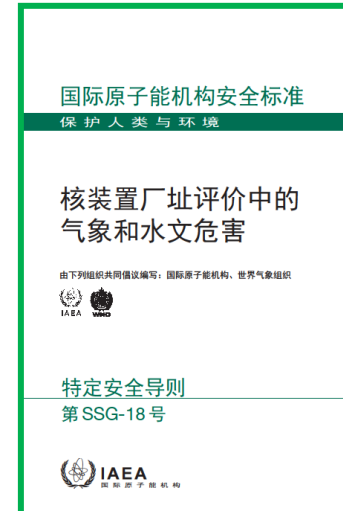
SSG-79 Hazards Associated with Human Induced External Events in Site Evaluation for Nuclear Installations



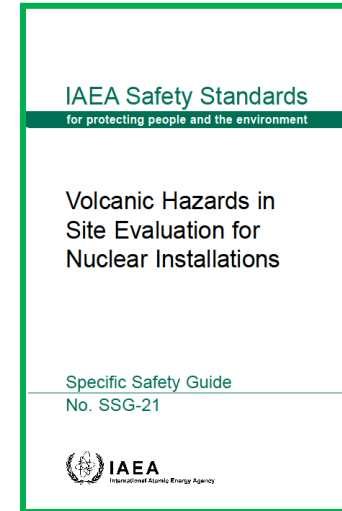
NS-G-3.2 Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for Nuclear Power Plants
Partially revised by GSG-10 UR DS529



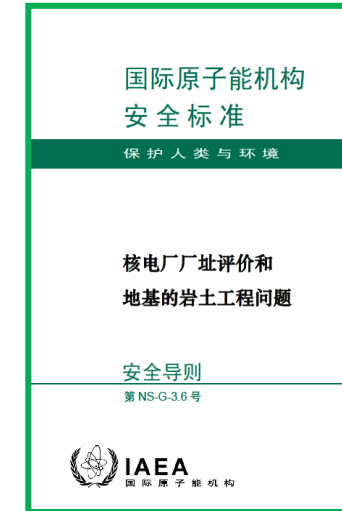
GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities



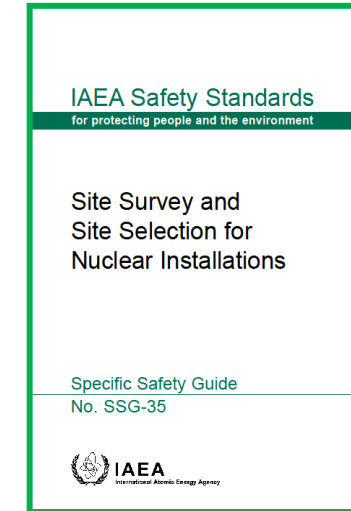
SSG-18 Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations



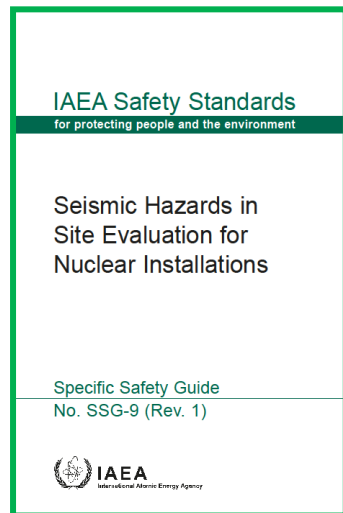
SSG-21 Volcanic Hazards in Site Evaluation for Nuclear Installations



NS-G-3.6 Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants UR DS531



SSG-35 Site Survey and Site Selection for Nuclear Installations

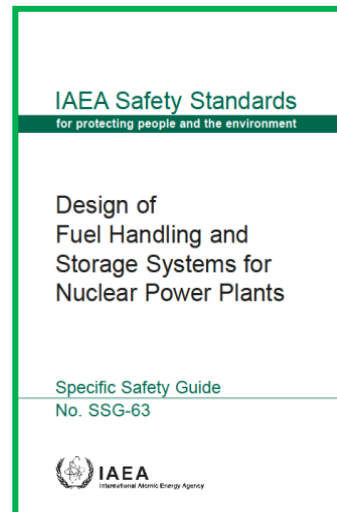


SSG-9 (Rev. 1) Seismic Hazards in Site Evaluation for Nuclear Installations

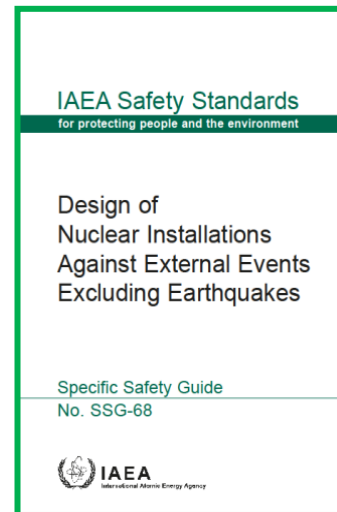
Nuclear Power Plants



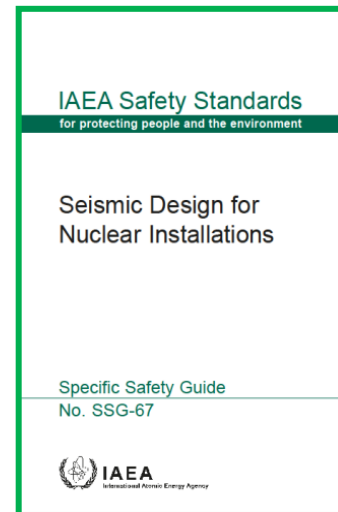
SSG-39 Design of Instrumentation and Control Systems for Nuclear Power Plants



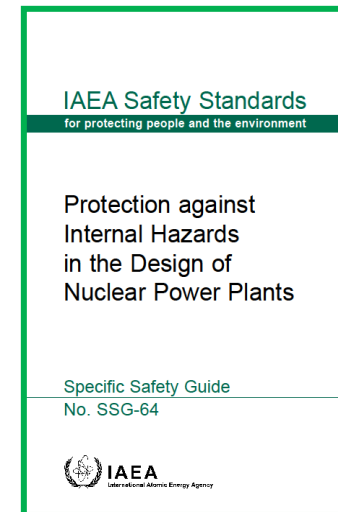
SSG-63 Design of Fuel Handling and Storage Systems for Nuclear Power Plants



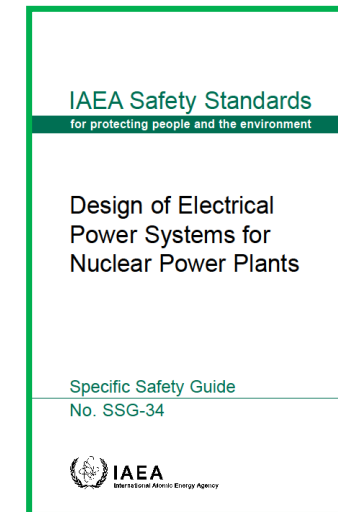
SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes



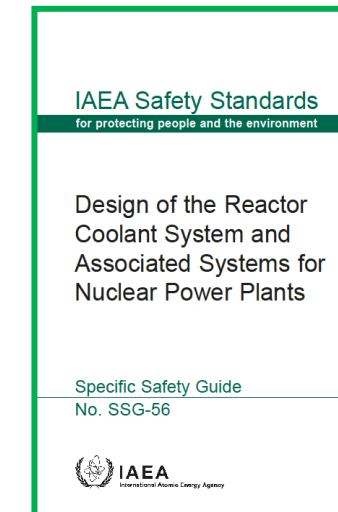
SSG-67 Seismic Design for Nuclear Installations



SSG-64 Protection against Internal Hazards in the Design of Nuclear Power Plants



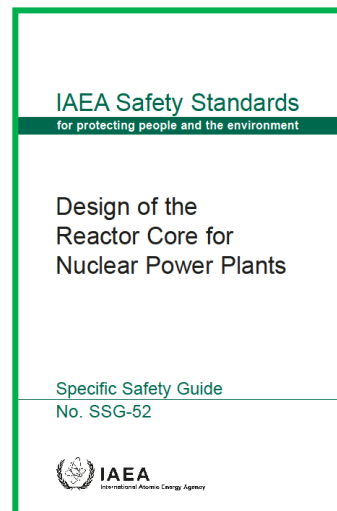
SSG-34 Design of Electrical Power Systems for Nuclear Power Plants



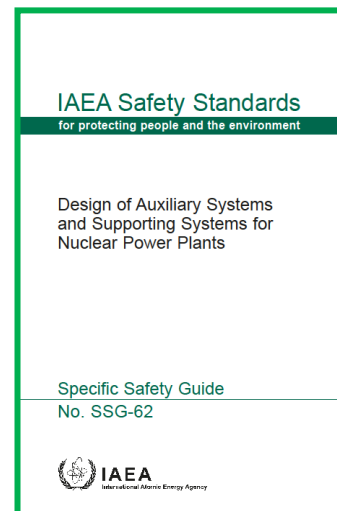
SSG-56 Design of the Reactor Coolant System and Associated Systems for Nuclear Power Plants



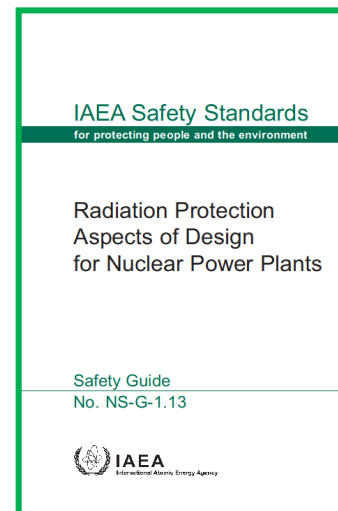
SSG-53 Design of the Reactor Containment and Associated Systems for Nuclear Power Plants



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

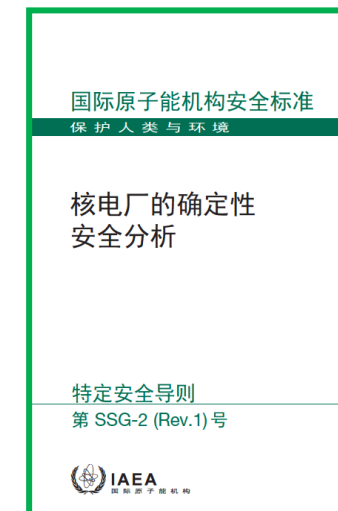


SSG-62 Design of Auxiliary Systems and Supporting Systems for Nuclear Power Plants

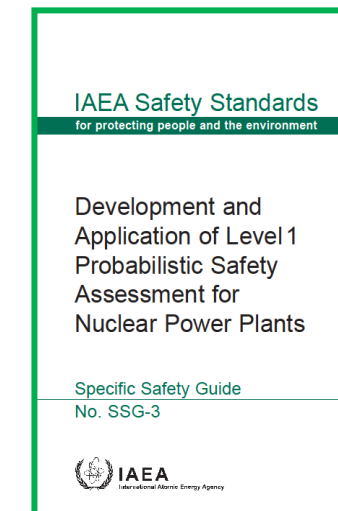


NS-G-1.13 Radiation Protection Aspects of Design for Nuclear Power Plants
UR DS524

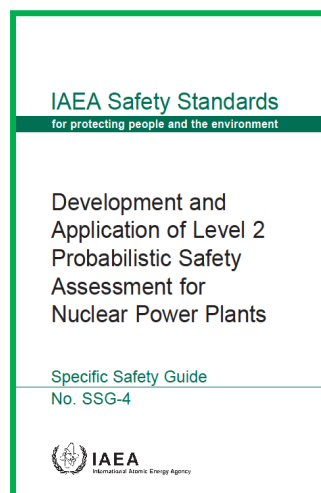
DS508 Assessment of the Safety Approach for Design Extension Conditions and Application of the Practical Elimination Concept in the Design of Nuclear Power Plants
UD



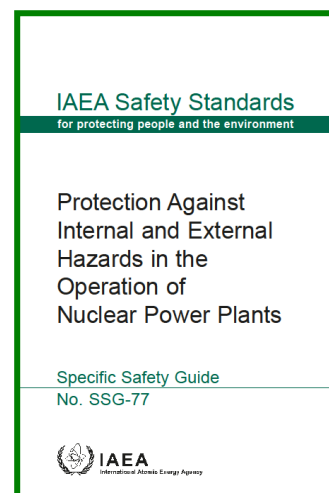
SSG-2 (Rev. 1) Deterministic Safety Analysis for Nuclear Power Plants



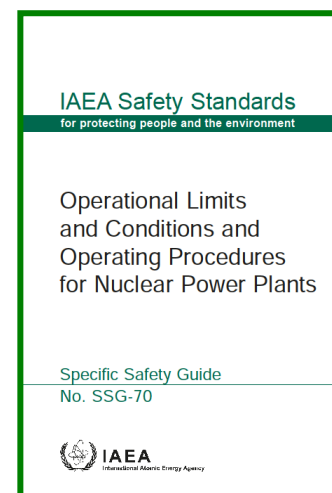
SSG-3 Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants
UR DS523



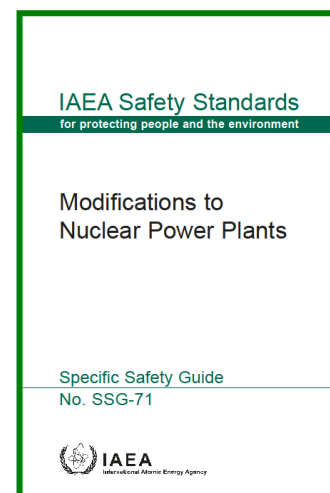
SSG-4 Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants UR DS528



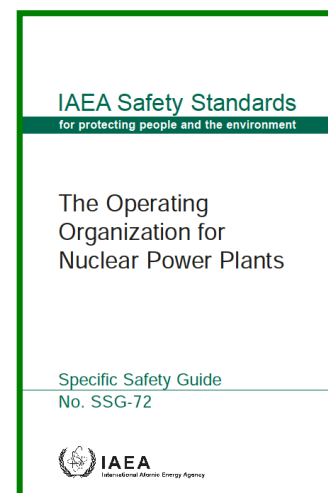
SSG-77 Protection Against Internal and External Hazards in the Operation of Nuclear Power Plants



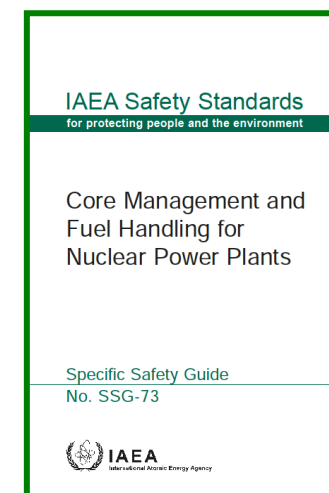
SSG-70 Operational Limits and Conditions and operating Procedures for Nuclear Power Plants



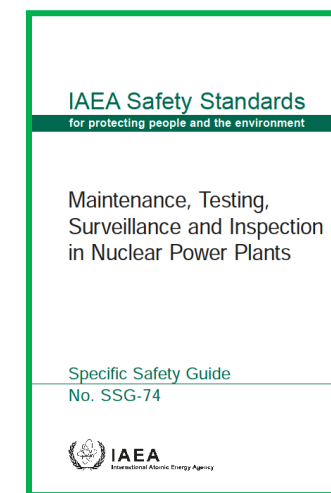
SSG-71 Modifications to Nuclear Power Plants



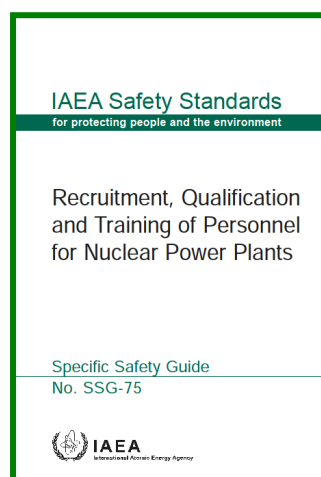
SSG-72 The Operating Organization for Nuclear Power Plants



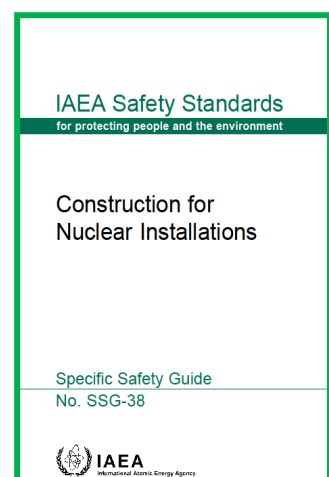
SSG-73 Core Management and Fuel Handling for Nuclear Power Plants



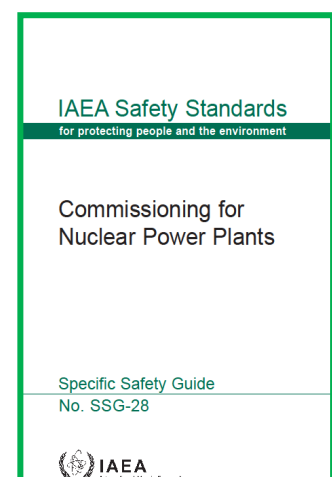
SSG-74 Maintenance, Testing, Surveillance and Inspection in Nuclear Power Plants



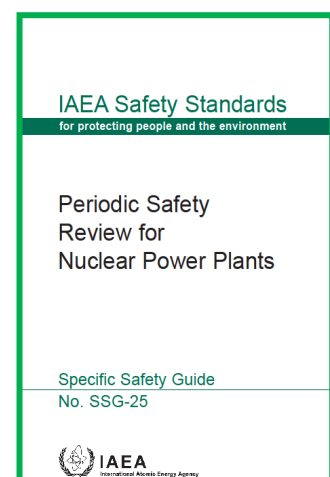
SSG-75 Recruitment, Qualification and Training of Personnel for Nuclear Power Plants



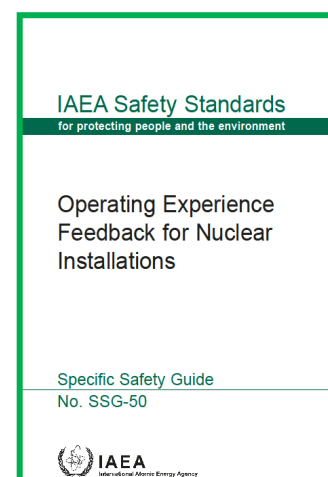
SSG-38 Construction for Nuclear Installations



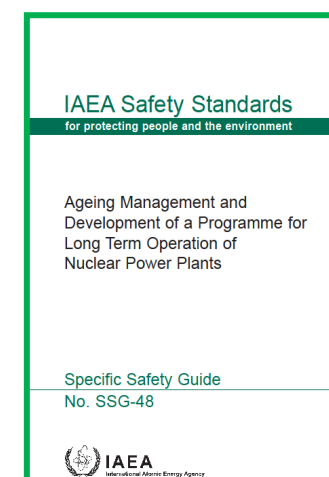
SSG-28 Commissioning for Nuclear Power Plants



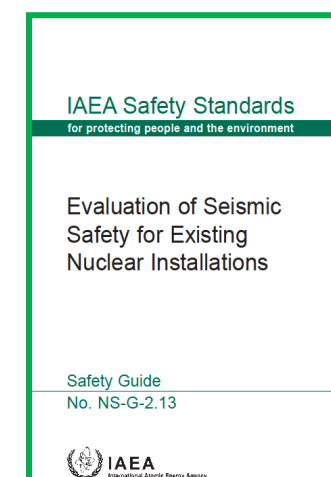
SSG-25 Periodic Safety Review for Nuclear Power Plants UR DS535



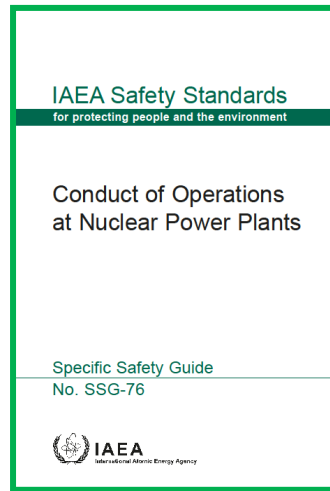
SSG-50 Operating Experience Feedback for Nuclear Installations



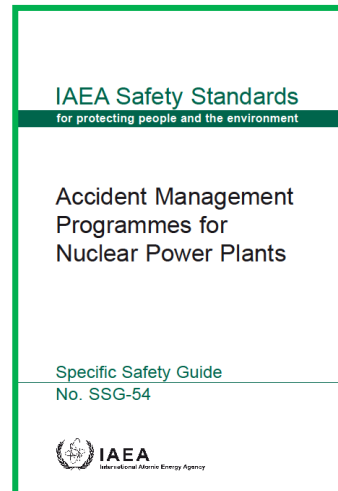
SSG-48 Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants



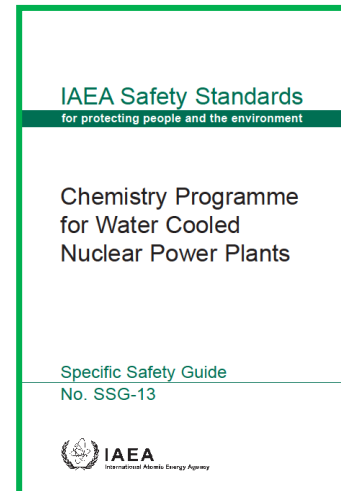
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations UR DS522



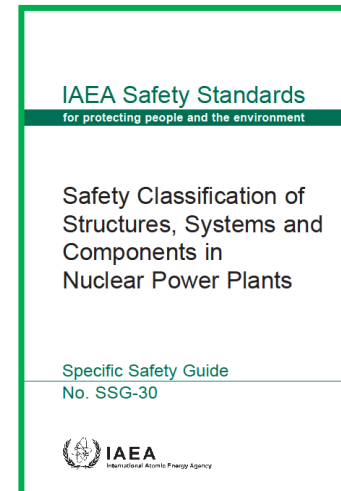
SSG-76 Conduct of Operations at Nuclear Power Plants



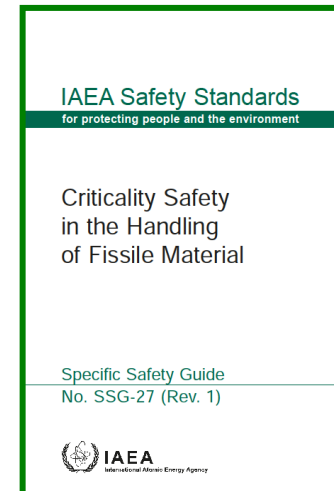
SSG-54 Accident Management Programmes for Nuclear Power Plants



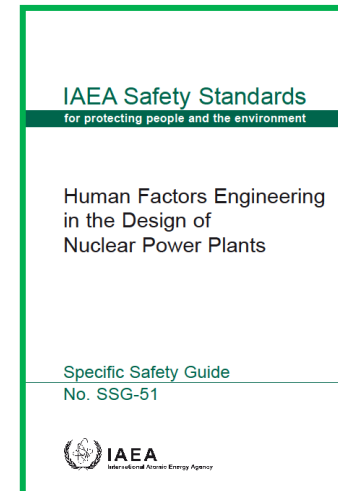
SSG-13 Chemistry Programme for Water Cooled Nuclear Power Plants UR DS525



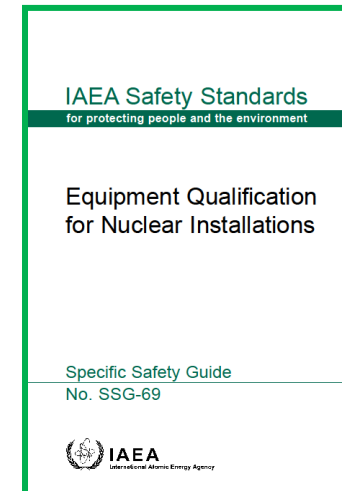
SSG-30 Safety Classification of Structures, Systems and Components in Nuclear Power Plants



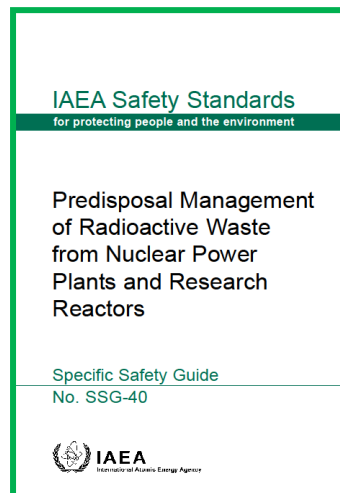
SSG-27 (Rev. 1) Criticality Safety in the Handling of Fissile Material



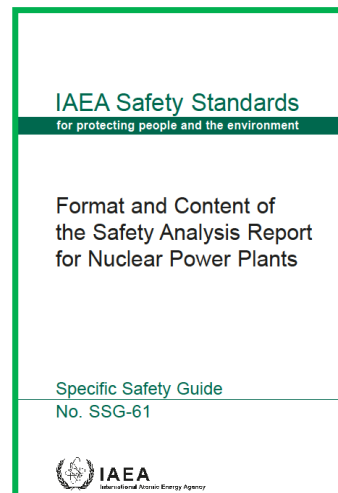
SSG-51 Human Factors Engineering in the Design of Nuclear Power Plants



SSG-69 Equipment Qualification for Nuclear Installations



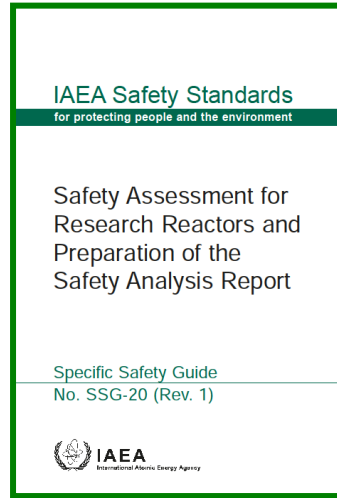
SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors



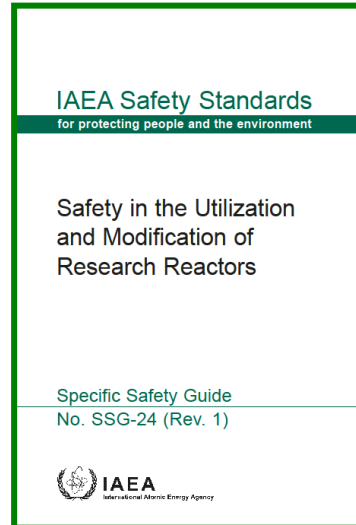
SSG-61 Format and Content of the Safety Analysis Report for Nuclear Power Plants

DS537 Safety Demonstration of Innovative Technology in Power Reactor Designs UD

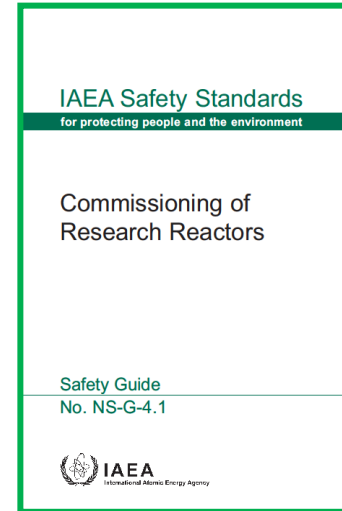
Research Reactors



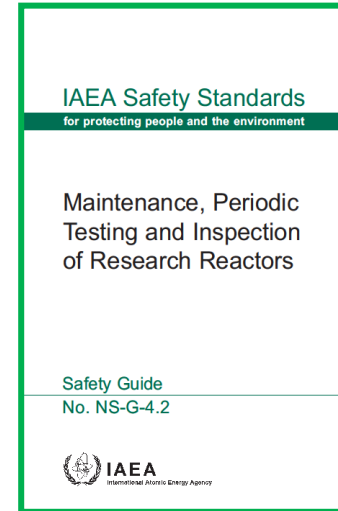
SSG-20 (Rev. 1) Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report



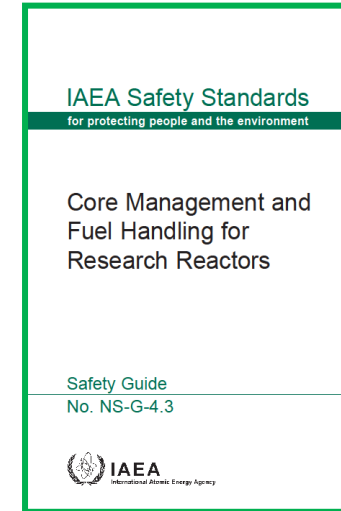
SSG-24 (Rev. 1) Safety in the Utilization and Modification of Research Reactors



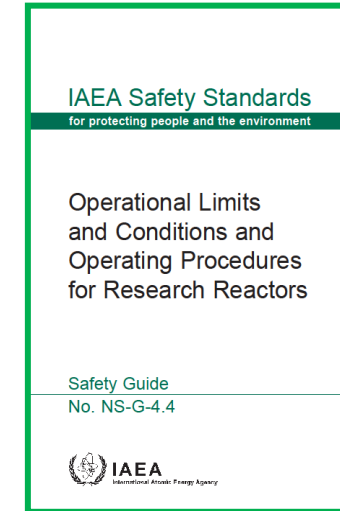
NS-G-4.1 Commissioning of Research Reactors
UR DS509



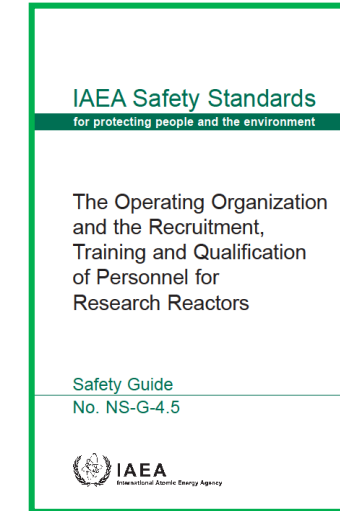
NS-G-4.2 Maintenance, Periodic Testing and Inspection of Research Reactors
UR DS509



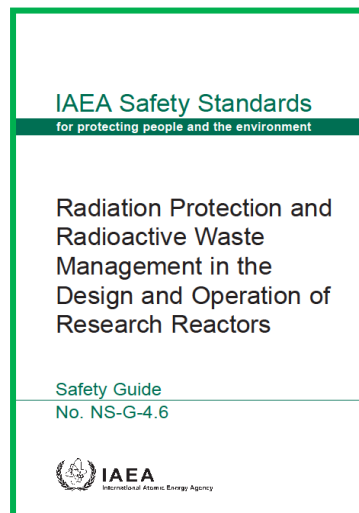
NS-G-4.3 Core Management and Fuel Handling for Research Reactors
UR DS509



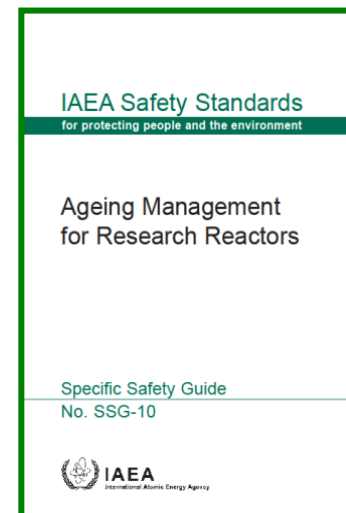
NS-G-4.4 Operational Limits and Conditions and Operating Procedures for Research Reactors
UR DS509



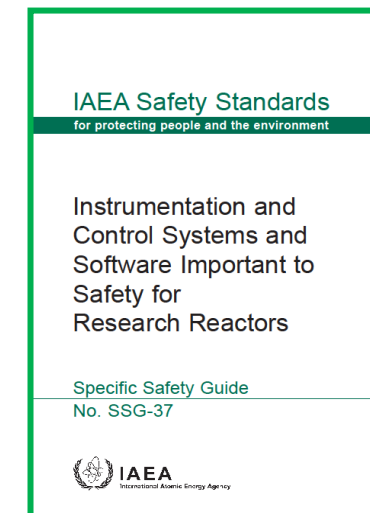
NS-G-4.5 The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors
UR DS509



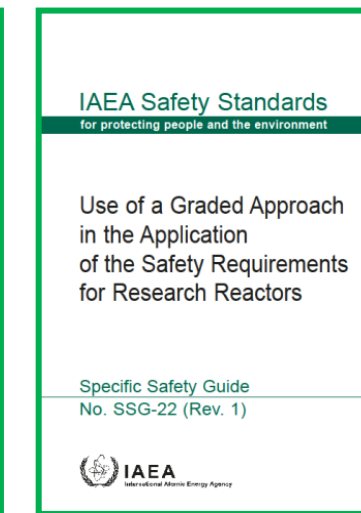
NS-G-4.6 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors
UR DS509



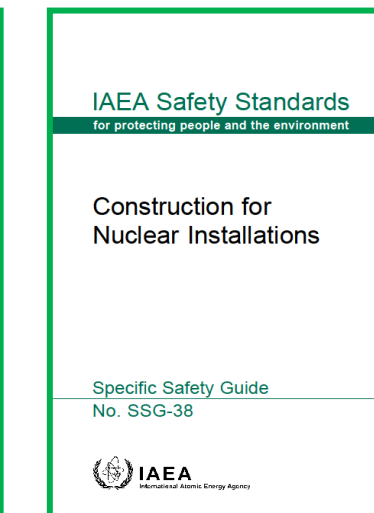
SSG-10 Ageing Management for Research Reactors
UR DS509



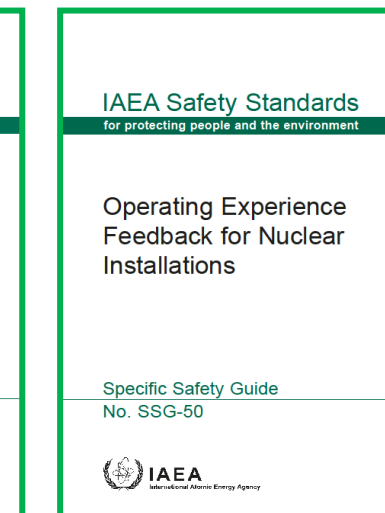
SSG-37 Instrumentation and Control Systems and Software Important to Safety for Research Reactors
UR DS509



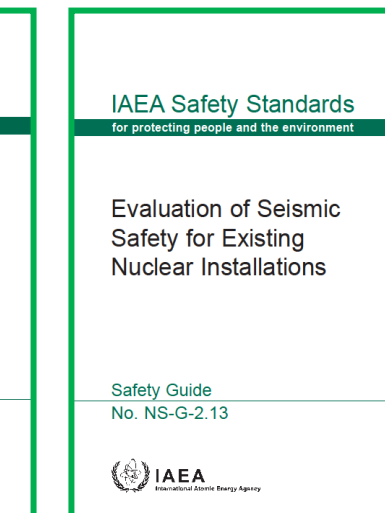
SSG-22 (Rev. 1) Use of a Graded Approach in the Application of the Safety Requirements for Research Reactors



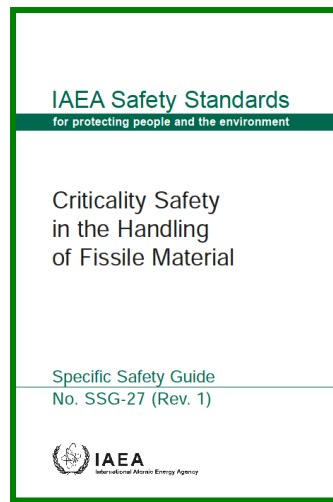
SSG-38 Construction for Nuclear Installations



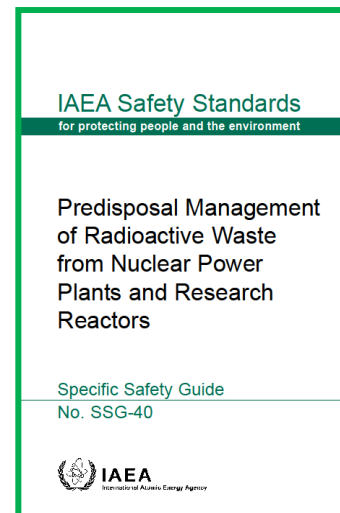
SSG-50 Operating Experience Feedback for Nuclear Installations



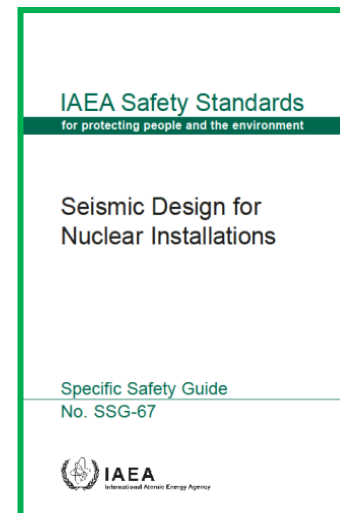
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations
UR DS522



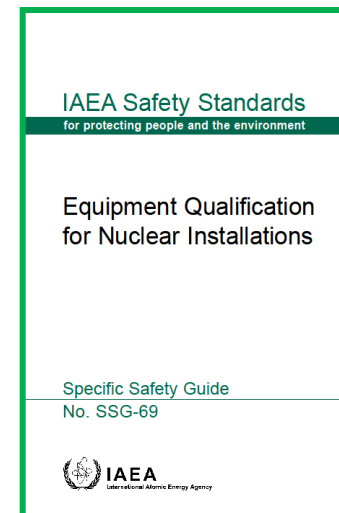
SSG-27 (Rev. 1) Criticality Safety in the Handling of Fissile Material



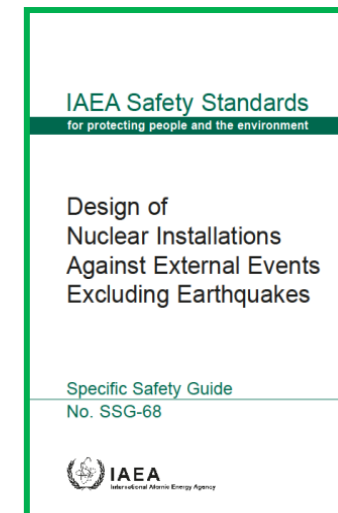
SSG-40 Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors



SSG-67 Seismic Design for Nuclear Installations

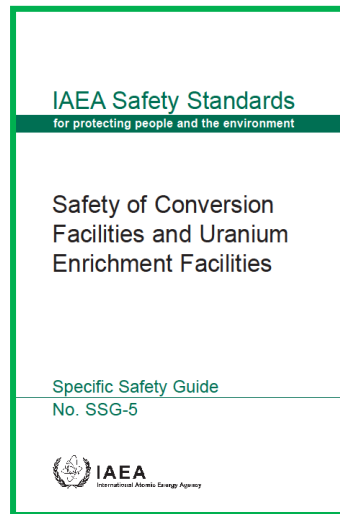


SSG-69 Equipment Qualification for Nuclear Installations

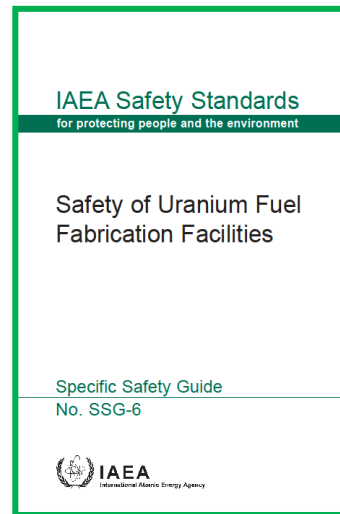


SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes

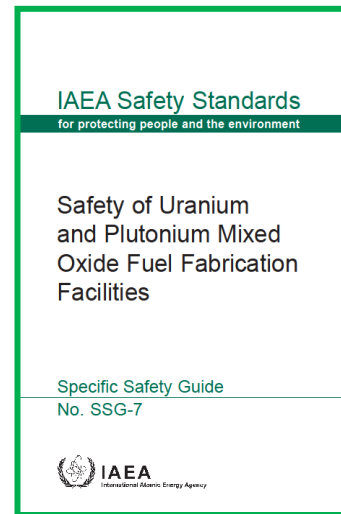
Nuclear Fuel Cycle Facilities



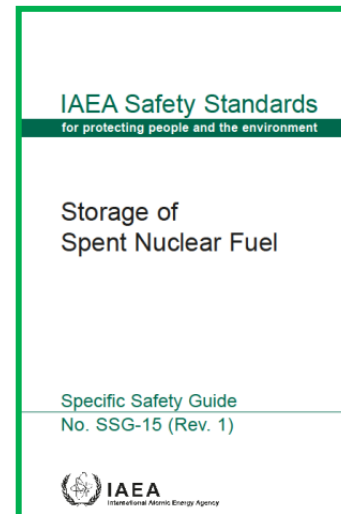
SSG-5 Safety of Conversion Facilities and Uranium Enrichment Facilities
UR DS517



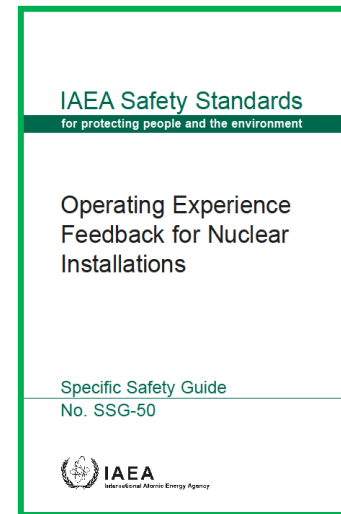
SSG-6 Safety of Uranium Fuel Fabrication Facilities
UR DS517



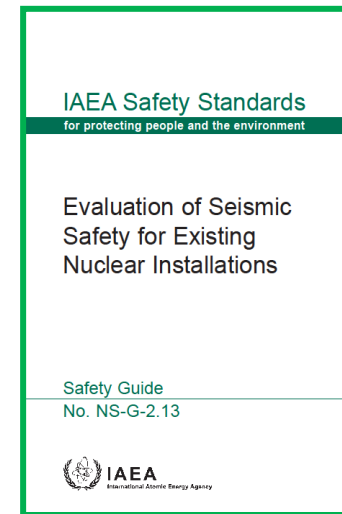
SSG-7 Safety of Uranium and Plutonium Mixed Oxide Fuel Fabrication Facilities
UR DS517



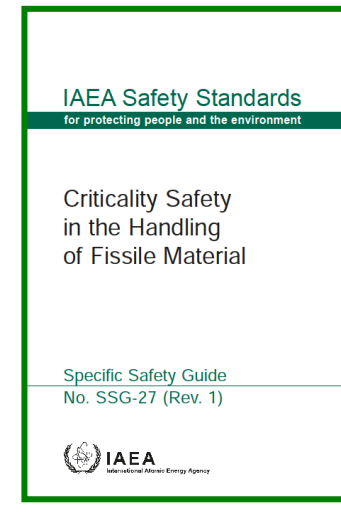
SSG-15 (Rev. 1) Storage of Spent Nuclear Fuel



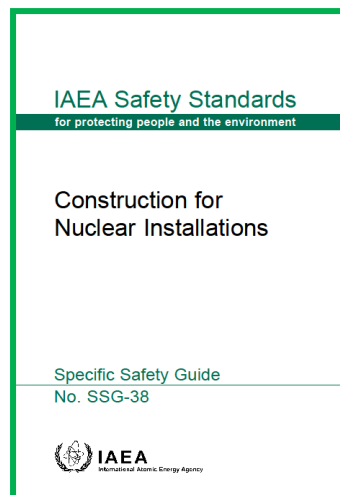
SSG-50 Operating Experience Feedback for Nuclear Installations



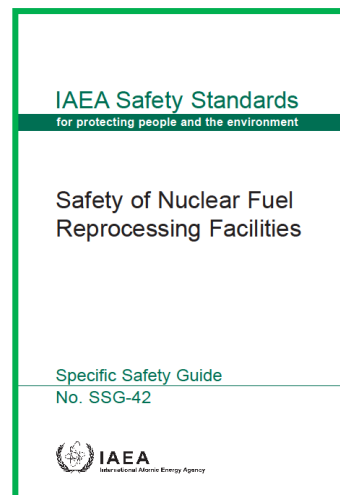
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations
UR DS522



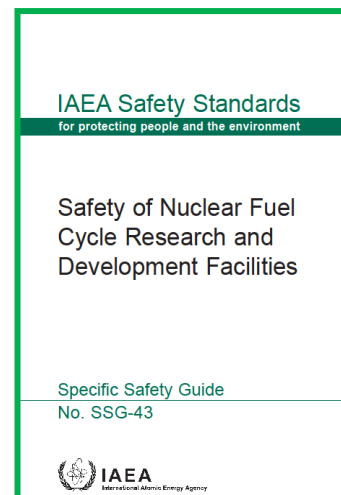
SSG-27 (Rev. 1) Criticality Safety in the Handling of Fissile Material



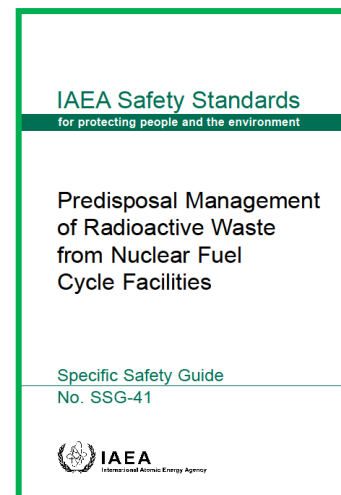
SSG-38 Construction for Nuclear Installations



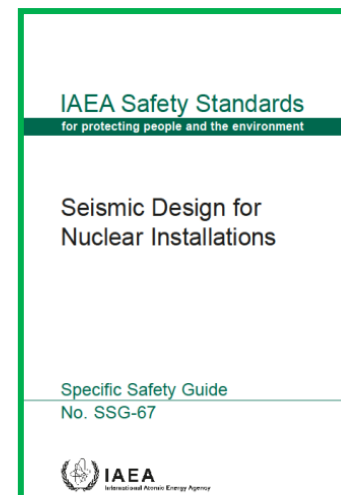
SSG-42 Safety of Nuclear Fuel Reprocessing Facilities
UR DS518



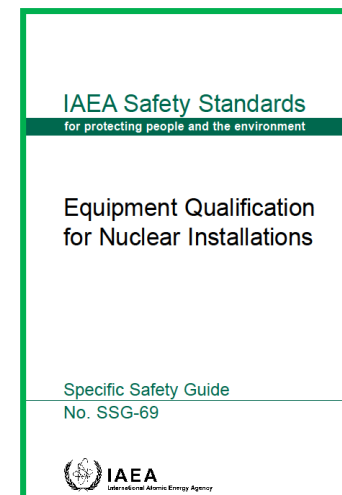
SSG-43 Safety of Nuclear Fuel Cycle Research and Development Facilities
UR DS518



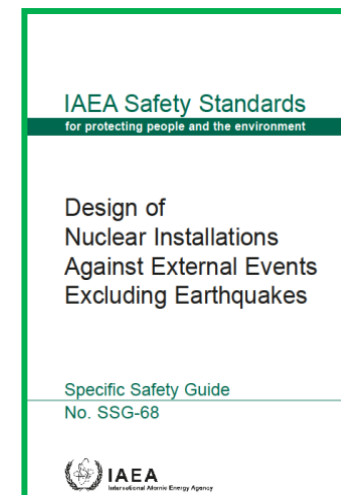
SSG-41 Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities



SSG-67 Seismic Design for Nuclear Installations

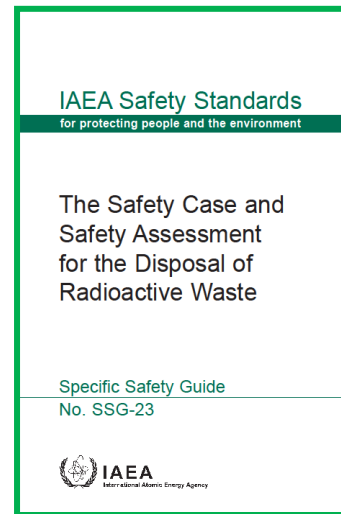


SSG-69 Equipment Qualification for Nuclear Installations

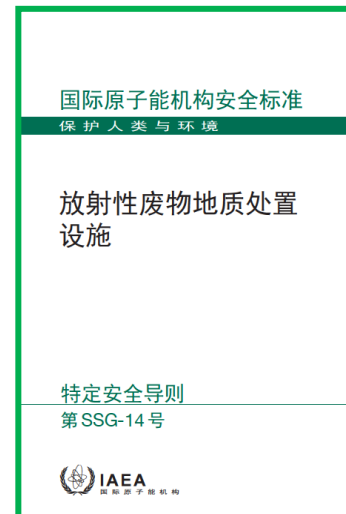


SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes

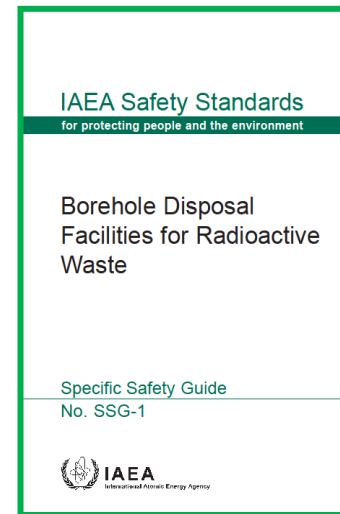
Radioactive Waste Disposal Facilities



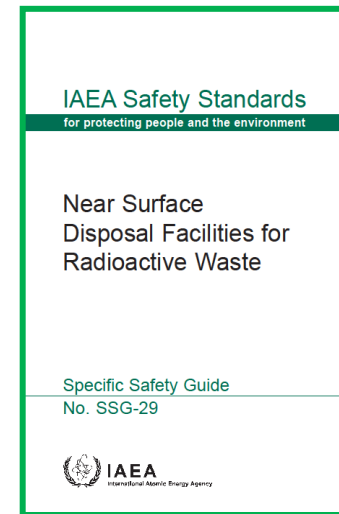
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste



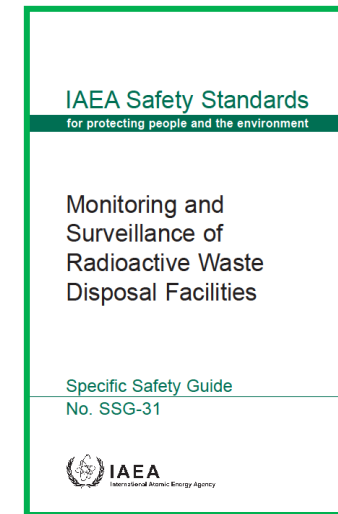
SSG-14 Geological Disposal Facilities for Radioactive Waste



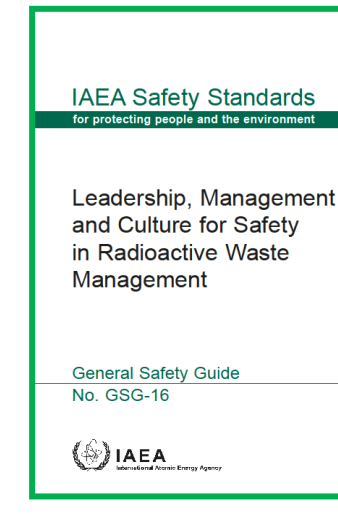
SSG-1 Borehole Disposal Facilities for Radioactive Waste UR DS512



SSG-29 Near Surface Disposal Facilities for Radioactive Waste

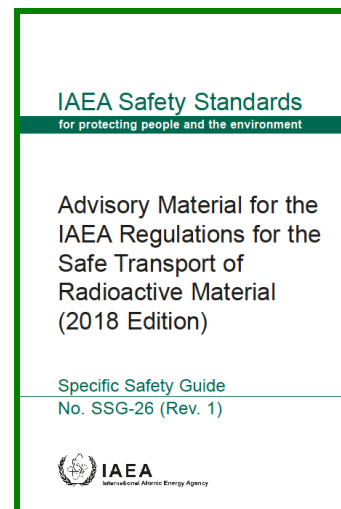


SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities

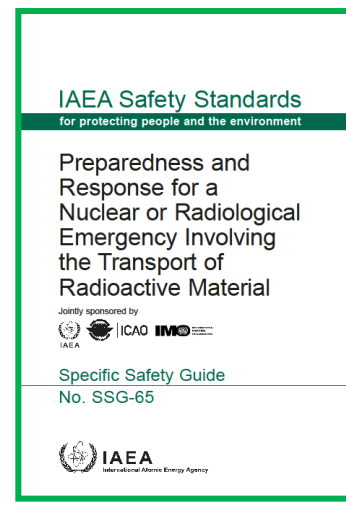


GSG-16 Leadership, Management and Culture for Safety in Radioactive Waste Management

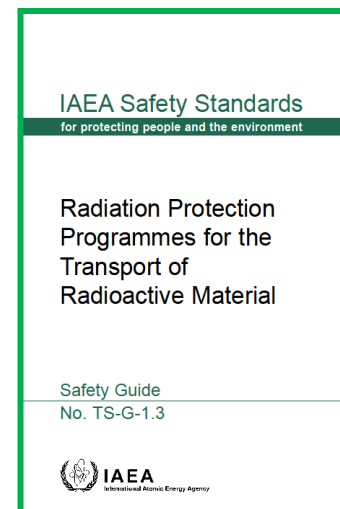
Transport of Radioactive Material



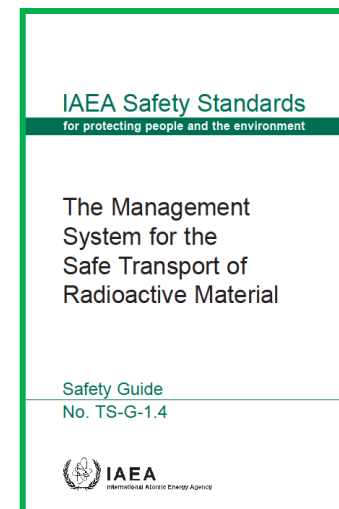
SSG-26 Advisory Material SSG-26 (Rev. 1) Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition)



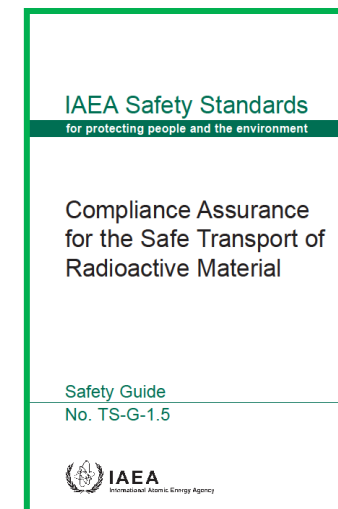
SSG-65 Preparedness and Response for a Nuclear or Radiological Emergency involving the Transport of Radioactive Material



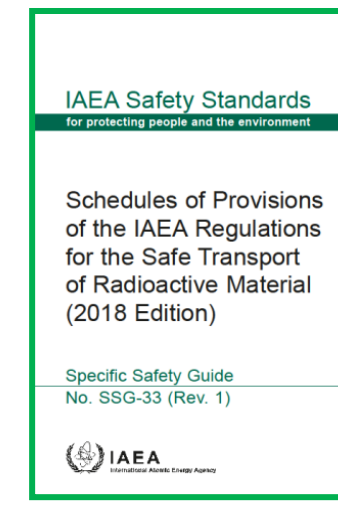
TS-G-1.3 Radiation Protection Programmes for the Transport of Radioactive Material UR DS521



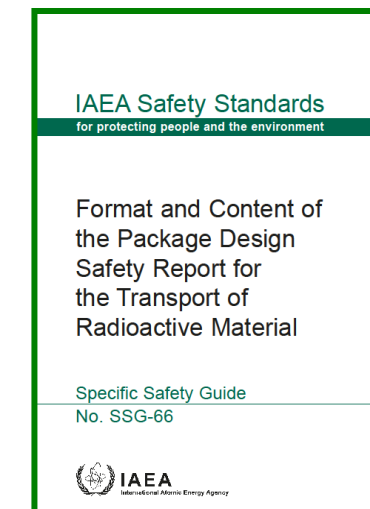
TS-G-1.4 The Management System for the Safe Transport of Radioactive Material UR DS530



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



SSG-33 (Rev. 1) Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition)



SSG-66 Format and Content of the Package Design Safety Report (PDSR) for the Transport of Radioactive Material