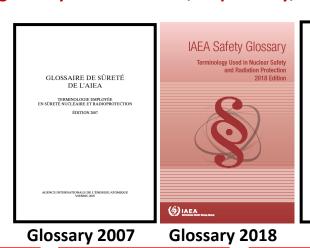
Status on 16 July 2020 – Double-Click on the relevant cover page to open the corresponding pdf file – You may also search for words or SS number in the title Draft standards recently endorsed by the CSS are also available at the following address: http://www-ns.iaea.org/committees/css/default.asp?fd=1084&dt=0 Existing Standards under revision and new Standards under development are also highlighted by "UR" and "UD", respectively, followed by the number of the project





| IAEA | Department | Cub | Rn. 7r | Sweet may his free | Page | SPESS A | 2.2 | 2015-11-16 | 1 of 1.33 Management System - Safety and Security Coordination Section
STRATEGIES AND PROCESSES FOR Quality Management System - Office of Safety and Security Coordination
STEP BY STEP PREPARATION AND REVIEW
PROCESS THE ESTABLISHMENT OF IAEA SAFETY STANDARDS **SPESS A SPESS B**

Normes de sûreté de l'AIEA Cadre gouvernemental, législatif et réglementaire de la sûreté Prescriptions générales de sûreté N° GSR Part 1 (Rev.1)

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

(A) IAEA

Normes de sûreté de l'AIEA Direction et gestion pour la sûreté Prescriptions générales de sûreté N° GSR Part 2 (A) IAEA

GSR Part 2 Leadership and Management for Safety

Normes de sûreté de l'AIEA

Sûreté des centrales

nucléaires : conception

Normes de sûreté de l'AIEA Radioprotection et sûreté des sources de rayonnements: Normes fondamentales internationales de sûreté Prescriptions générales de sûreté Partie 3 Nº GSR Part 3 (A) IAEA

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

Normes de sûreté de l'AIEA Évaluation de la sûreté des installations et activités Prescriptions générales de sûreté Nº GSR Part 4 (Rev. 1) (IAEA

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

Normes de sûreté de l'AIEA Gestion des déchets radioactifs avant stockage définitif Prescriptions générales de sûreté Partie 5 Nº GSR Part 5 (S) IAEA

GSR Part 5 Predisposal Management of **Radioactive Waste**

Normes de sûreté de l'AIEA Déclassement des installations Prescriptions générales de sûreté Partie 6 Nº GSR Part 6 (A) IAEA

GSR Part 6 Decommissioning of Facilities

Normes de sûreté de l'AIEA Préparation et conduite des interventions en cas de situation d'urgence nucléaire ou radiologique Coparrainé par l'AEN, l'AIEA, le BCAH, la FAO, INTERPOL, l'OACI, l'OIT, l'OMI L'OMM, L'OMS, L'OPS, L'OTICE et le PNUE NEA 14FA OCHA W INJERUL IMO = O O O SCIBIO O Prescriptions générales de sûreté N° GSR Part 7 (+) IAEA

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

Normes de sûreté de l'AIEA Évaluation des sites d'installations nucléaires Prescriptions de sûreté particulières Nº SSR-1 (*) IAEA

SSR-1 Site Evaluation for Nuclear Installations

Prescriptions de sûreté particulières Nº SSR-2/1 (Rev.1) (A) IAEA SSR-2/1 (Rev. 1) Safety

of Nuclear Power Plants: Design

Normes de sûreté de l'AIEA Sûreté des centrales nucléaires : Mise en service et exploitation Prescriptions de sûreté particulières Nº SSR-2/2 (Rev.1) (+) IAEA

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

Normes de sûreté de l'AIEA Sûreté des réacteurs de recherche Prescriptions de sûreté particulières (A) IAEA

SSR-3 Safety of Research Reactors

Sûreté des installations du cycle du combustible nucléaire Prescriptions de sûreté particulières (A) IAEA

Normes de sûreté de l'AIEA

SSR-4 Safety of Nuclear Fuel Cycle Facilities

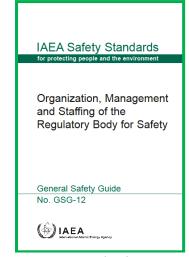
Normes de sûreté de l'AIEA Stockage définitif des déchets radioactifs Prescriptions de sûreté particulières (B) IAEA SSR-5 Disposal of

Radioactive Waste

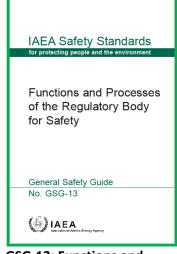
Normes de sûreté de l'AIEA Rèalement de transport des matières radioactives Édition de 2018 Prescriptions de sûreté particulières nº SSR-6 (Rev. 1) (A) IAEA

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

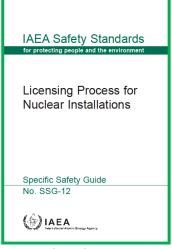
Governmental, Legal and Regulatory Framework – Safety Infrastructure



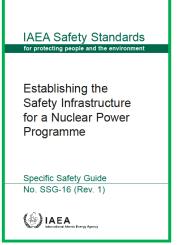
GSG-12: Organisation,
Management and Staffing of
a Regulatory Body for Safety



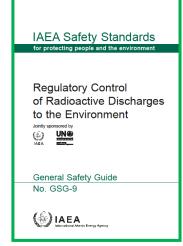
GSG-13: Functions and Processes of the Regulatory Body for Safety



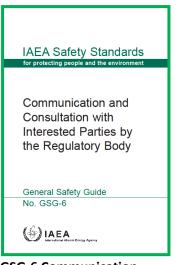
SSG-12 Licensing Process for Nuclear Installations Partially revised by GSG-13



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

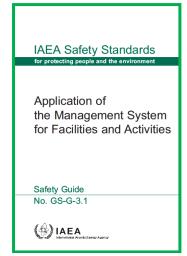


GSG-9 Regulatory Control of Radioactive Discharges to the Environment

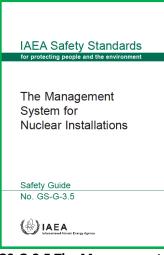


GSG-6 Communication and Consultation with Interested Parties by the Regulatory Body

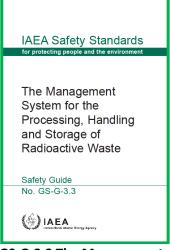
Management Systems



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

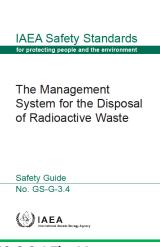


GS-G-3.5 The Management System for Nuclear Installations

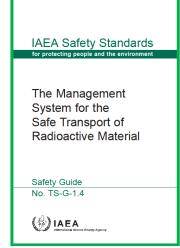


GS-G-3.3 The Management System for the Processing, Handling and Storage of Radioactive Waste

UR DS477



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

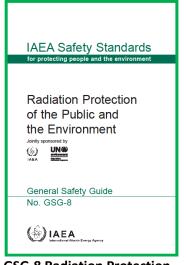


TS-G-1.4 The Management System for the Safe Transport of Radioactive Material

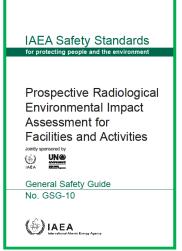
Radiation Protection and Safety of Radiation Sources Remediation



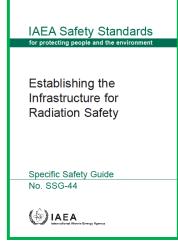
GSG-7 Occupational Radiation Protection



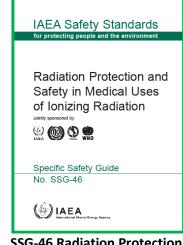
GSG-8 Radiation Protection of the Public and the Environment



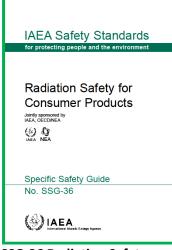
GSG-10 Prospective
Radiological Environmental
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Facilities and Activities



SSG-44 Establishing the Infrastructure for Radiation Safety



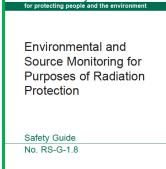
SSG-46 Radiation Protection and Safety in Medical Uses of Ionizing Radiation



SSG-36 Radiation Safety for Consumer Products



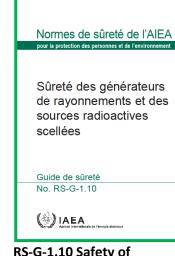
RS-G-1.7 Application of the Concepts of Exclusion, Exemption and Clearance UR DS499 and DS 500



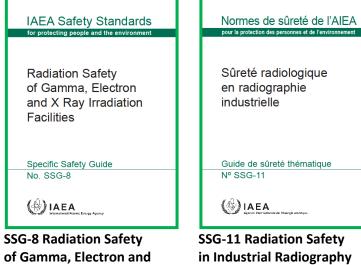
RS-G-1.8 Environmental and Source Monitoring for **Purposes of Radiation Protection UR DS505**

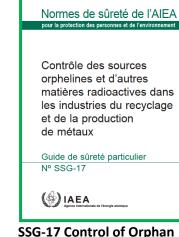


Radioactive Sources

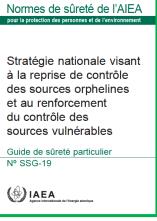


RS-G-1.10 Safety of **Radiation Generators and Sealed Radioactive Sources**

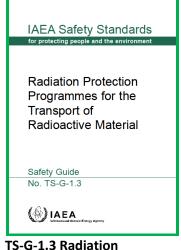




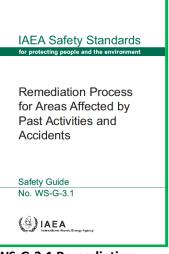
SSG-17 Control of Orphan **Sources and Other Radioactive Material** in the Metal Recycling and **Production Industries**



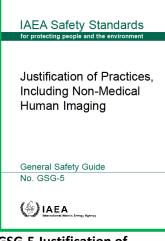
SSG-19 National Strategy for Regaining Control over Orphan Sources and **Improving Control over Vulnerable Sources**



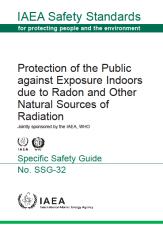
TS-G-1.3 Radiation **Protection Programmes** for the Transport of **Radioactive Material UR DS521**



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

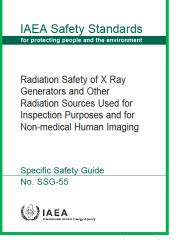


GSG-5 Justification of Practices, Including Non-Medical Imaging



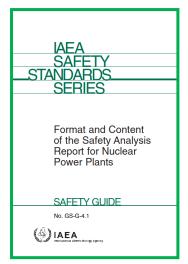
X Ray Irradiation Facilities

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

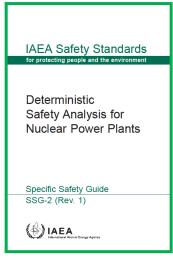


SSG-55 Radiation Safety of X Ray Generators and Other **Radiation Sources Used for Inspection Purposes and for Non-medical Human Imaging**

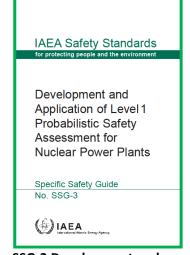
Safety Assessment



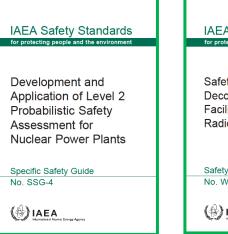
GS-G-4.1 Format and Content SSG-2 (Rev. 1) Deterministic of the Safety Analysis Report for Nuclear Power Plants **UR DS449**



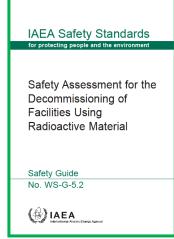
Safety Analysis for Nuclear Power Plants



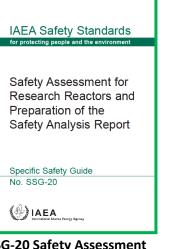
SSG-3 Development and **Application of Level 1 Probabilistic Safety Assessment for Nuclear** Power Plants UR DS523



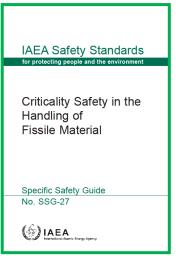
SSG-4 Development and **Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants**



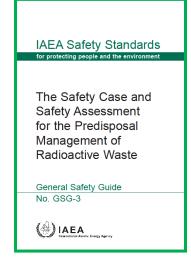
WS-G-5.2 Safety Assessment for the Decommissioning of **Facilities Using Radioactive Material**



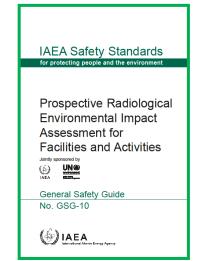
SSG-20 Safety Assessment for Research Reactors and Preparation of the **Safety Analysis Report**



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

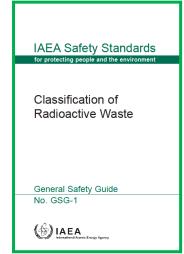


GSG-3 The Safety Case and Safety Assessment for the **Predisposal Management of Radioactive Waste**

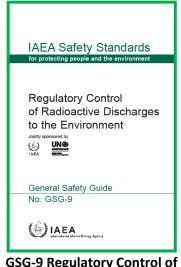


GSG-10 Prospective **Radiological Environmental Impact Assessment for Facilities and Activities**

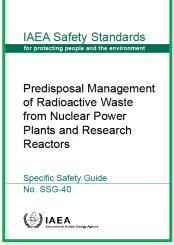
Radioactive Waste Management, Decommissioning & Remediation



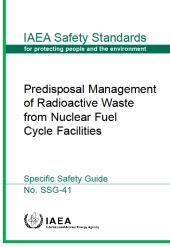
GSG-1 Classification of **Radioactive Waste**



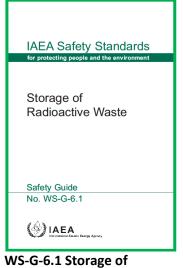
GSG-9 Regulatory Control of Radioactive Discharges to the Environment



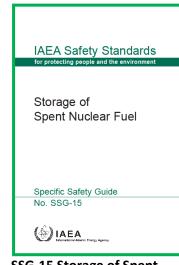
SSG-40 Predisposal **Management of Radioactive Waste from Nuclear Power** Plants and Research Reactors Cycle Facilities



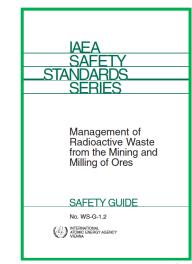
SSG-41 Predisposal **Management of Radioactive Waste from Nuclear Fuel**



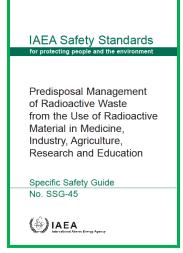
Radioactive Waste



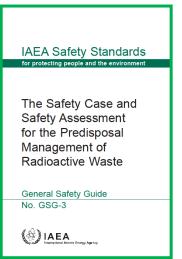
SSG-15 Storage of Spent **Nuclear Fuel UR DS489**



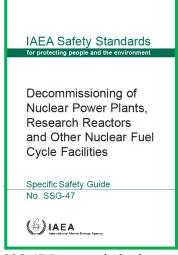
WS-G-1.2 Management of Radioactive Waste from the Mining and Milling of Ores **UR DS459**



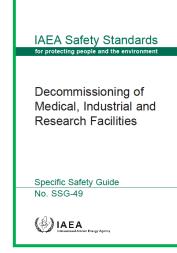
SSG-45 Predisposal **Management of Radioactive** Waste from the Use of **Radioactive Material in** Medicine, Industry, Agriculture, Research and Education



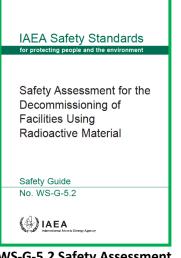
GSG-3 The Safety Case and Safety Assessment for the **Predisposal Management of Radioactive Waste**



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



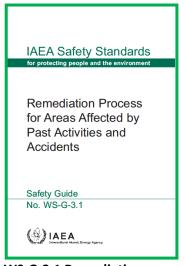
SSG-49 Decommissioning of Medical, Industrial and **Research Facilities**



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**

IAEA Safety Standards

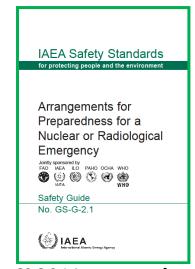
The Management
System for the
Processing, Handling
and Storage of
Radioactive Waste

Safety Guide No. GS-G-3.3

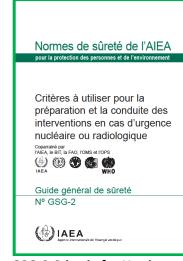
IAEA

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

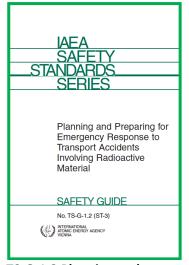
Emergency Preparedness and Response



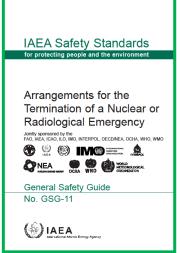
GS-G-2.1 Arrangements for Preparedness for a Nuclear or Radiological Emergency UR DS504



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



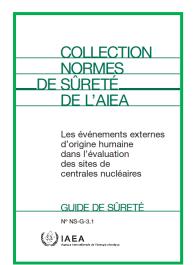
TS-G-1.2 Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material UR DS469



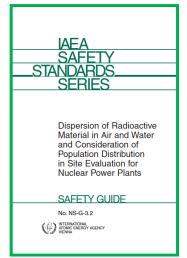
GSG-11 Arrangements for the Termination of a Nuclear or Radiological Emergency

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

Site Evaluation

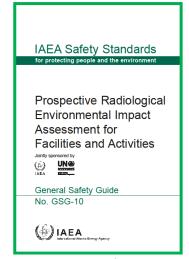


NS-G-3.1 External Human Induced Events in Site Evaluation for Nuclear Power Plants UR DS520

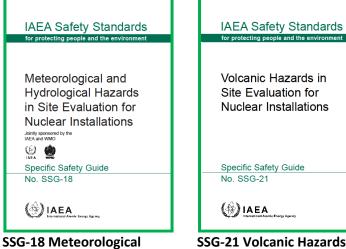


NS-G-3.2 Dispersion of
Radioactive Material in Air
and Water and Consideration
of Population Distribution
in Site Evaluation for
Nuclear Power Plants

Partially revised by GSG-10



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

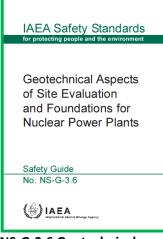


and Hydrological Hazards

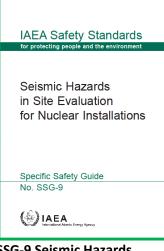
in Site Evaluation for

Nuclear Installations

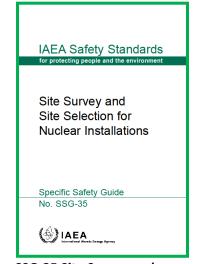
SSG-21 Volcanic Hazards in Site Evaluation for Nuclear Installations



NS-G-3.6 Geotechnical
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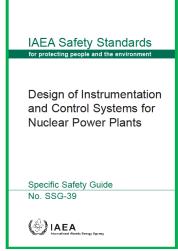


SSG-9 Seismic Hazards in Site Evaluation for Nuclear Installations UR DS507

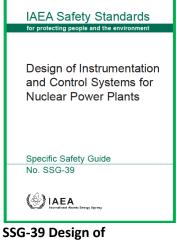


SSG-35 Site Survey and Site Selection for Nuclear Installations

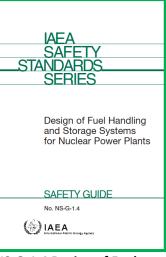
Nuclear Power Plants



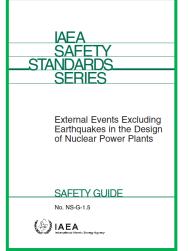
Equipment Qualification of Items Important to Safety in Nuclear Installations **UD DS514**



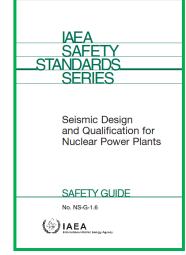
Instrumentation and Control Systems for Nuclear Power Plants



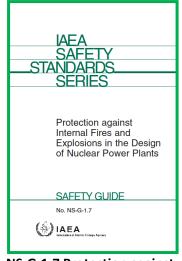
NS-G-1.4 Design of Fuel **Handling and Storage Systems for Nuclear Power** Plants UR DS487



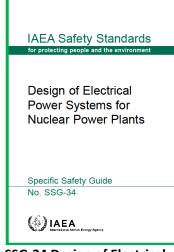
NS-G-1.5 External Events Excluding Earthquakes in the Design of Nuclear **Power Plants UR DS498**



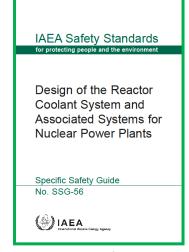
NS-G-1.6 Seismic Design and Qualification for **Nuclear Power Plants UR DS490**



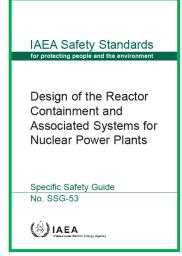
NS-G-1.7 Protection against Internal Fires and Explosions in the Design of Nuclear **Power Plants UR DS494**



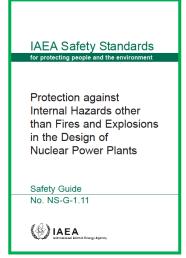
SSG-34 Design of Electrical **Power Systems for Nuclear Power Plants**



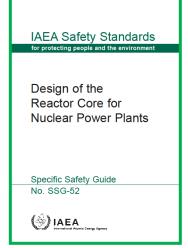
SSG-56 Design of the **Reactor Coolant System** and Associated Systems for Nuclear Power Plants



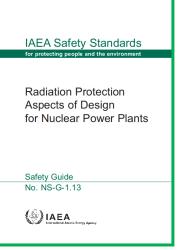
SSG-53 Design of the **Reactor Containment and Associated Systems for Nuclear Power Plants**



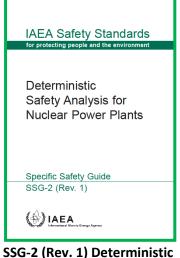
NS-G-1.11 Protection against Internal Hazards other than Fires and Explosions in the **Design of Nuclear Power** Plants UR DS494



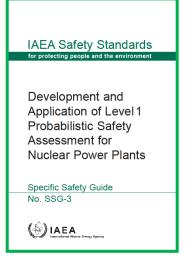
SSG-52 Design of the **Reactor Core for Nuclear Power Plants**



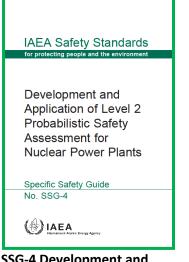
NS-G-1.13 Radiation **Protection Aspects of Design** for Nuclear Power Plants **UR DS524**



Safety Analysis for Nuclear **Power Plants**



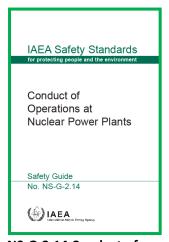
SSG-3 Development and **Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants UR DS523**



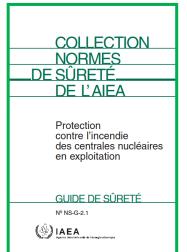
SSG-4 Development and **Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants**



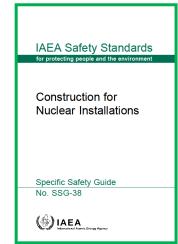
NS-G-2.8 Recruitment, **Qualification and Training** Of Personnel for Nuclear **Power Plants UR DS497**



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



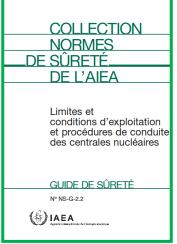
NS-G-2.1 Fire Safety in the **Operation of Nuclear Power Plants UR DS503**



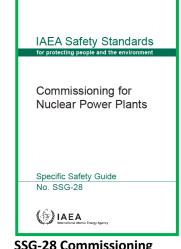
SSG-38 Construction for **Nuclear Installations**



SSG-54 Accident **Management Programmes** for Nuclear Power Plants



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

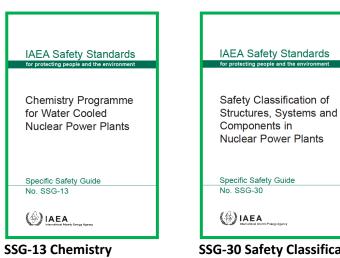


SSG-28 Commissioning for Nuclear Power Plants

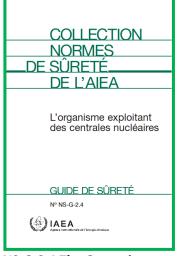
Programme for Water

Cooled Nuclear Power

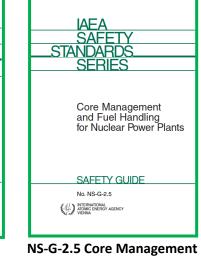
Plants



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



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



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**

IAEA Safety Standards

Evaluation of Seismic

Safety for Existing

Safety Guide

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Nuclear Installations



SSG-25 Periodic Safety **Review for Nuclear Power** Plants

COLLECTION

NORMES

DE L'AIEA

Modifications

des centrales nucléaires

GUIDE DE SÛRETÉ

<u>DE SÛRETÉ.</u>

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NS-G-2.3 Modifications

to Nuclear Power Plants

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UR DS497



SSG-50 Operating **Experience Feedback for Nuclear Installations**

IAEA Safety Standards

Criticality Safety in the

Handling of

Fissile Material

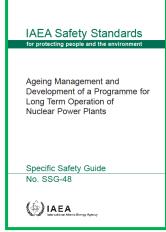
Specific Safety Guide

SSG-27 Criticality Safety

in the Handling of Fissile

Material UR DS516

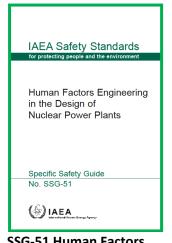
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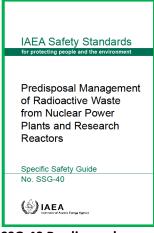
SSG-48 Ageing Management and Development of a **Programme for Long Term Operation of Nuclear Power Plants**



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

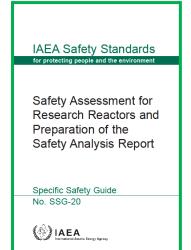


SSG-51 Human Factors Engineering in the Design of Nuclear Power Plants

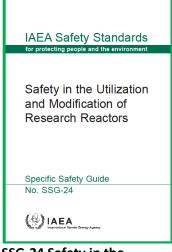


SSG-40 Predisposal **Management of Radioactive Waste from Nuclear Power Plants and Research Reactors**

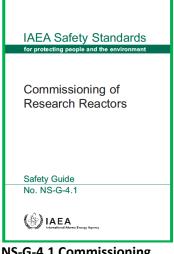
Research Reactors



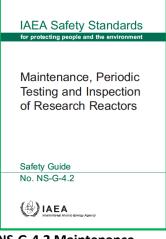
SSG-20 Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report UR DS510



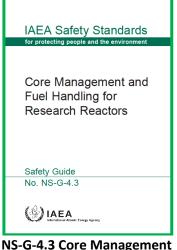
SSG-24 Safety in the Utilization and Modification of Research Reactors UR DS510



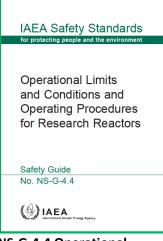
NS-G-4.1 Commissioning of Research Reactors UR DS509



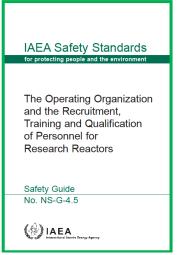
NS-G-4.2 Maintenance, Periodic Testing and Inspection of Research Reactors UR DS509



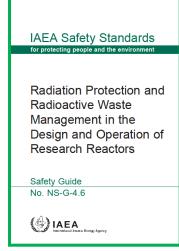
NS-G-4.3 Core Management and Fuel Handling for Research Reactors UR DS509



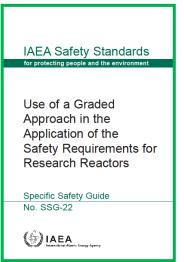
NS-G-4.4 Operational Limits and Conditions and Operating Procedures for Research Reactors UR DS509



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



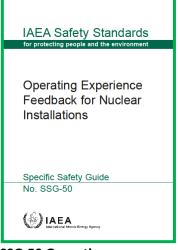
NS-G-4.6 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors UR DS509



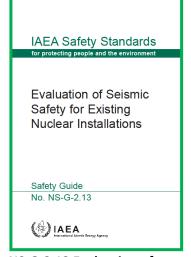
SSG-22 Use of a Graded
Approach in the Application
of the Safety Requirements
for Research Reactors
UR DS511



SSG-10 Ageing Management for Research Reactors UR DS509



SSG-50 Operating Experience Feedback for Nuclear Installations



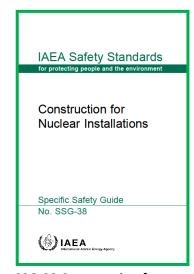
NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations UR DS522 IAEA Safety Standards
for protecting people and the environment

Instrumentation and
Control Systems and
Software Important to
Safety for
Research Reactors

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



SSG-38 Construction for Nuclear Installations



Criticality Safety in the Handling of Fissile Material

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

IAEA Safety Standards

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

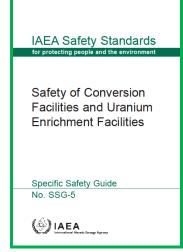
Specific Safety Guide No. SSG-40



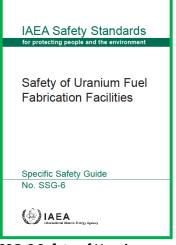
SSG-40 Predisposal
Management of Radioactive
Waste from Nuclear Power
Plants and Research Reactors



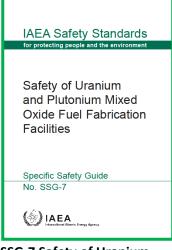
Fuel Cycle Facilities



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

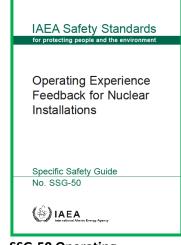
IAEA Safety Standards
for protecting people and the environment

Storage of
Spent Nuclear Fuel

Specific Safety Guide
No. SSG-15

Linear Standard S

SSG-15 Storage of Spent Nuclear Fuel UR DS489



SSG-50 Operating
Experience Feedback for
Nuclear Installations

IAEA Safety Standards
for protecting people and the environment

Evaluation of Seismic
Safety for Existing
Nuclear Installations

Safety Guide
No. NS-G-2.13

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NS-G-2.13 Evaluation of Seismic Safety for Existing Nuclear Installations UR DS522 IAEA Safety Standards
for protecting people and the environment

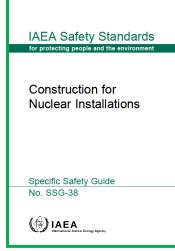
Criticality Safety in the Handling of Fissile Material

Specific Safety Guide
No. SSG-27

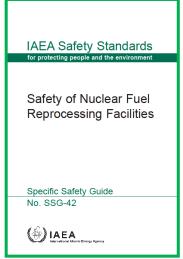
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Material Mate

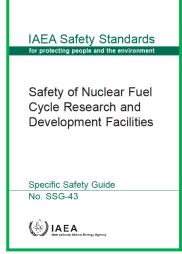
SSG-27 Criticality Safety in the Handling of Fissile Material UR DS516



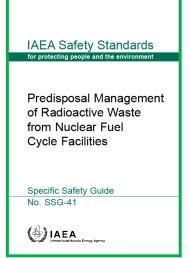
SSG-38 Construction for Nuclear Installations



SSG-42 Safety of Nuclear Fuel Reprocessing Facilities UR DS518

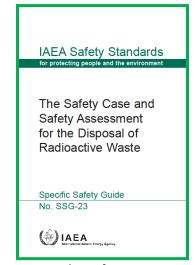


SSG-43 Safety of Nuclear Fuel Cycle Research and Development Facilities UR DS518

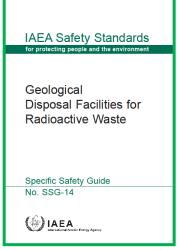


SSG-41 Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities

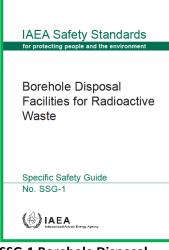
Radioactive Waste Disposal Facilities



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



Disposal Facilities for

Radioactive Waste

SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities IAEA Safety Standards
for protecting people and the environment

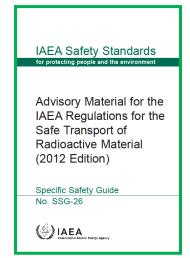
The Management
System for the Disposal
of Radioactive Waste

Safety Guide
No. GS-G-3.4

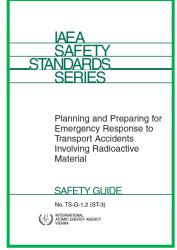
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GS-G-3.4 The Management System for the Disposal of Radioactive Waste UR DS477

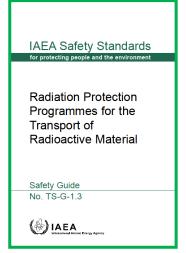
Transport of Radioactive Material



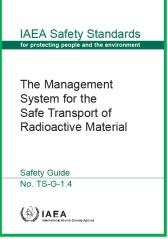
SSG-26 Advisory Material for the IAEA Regulations for the Safe Transport of **Radioactive Material UR DS496**



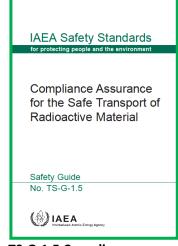
TS-G-1.2 Planning and **Preparing for Emergency Response to Transport Accidents Involving Radioactive Material UR DS469**



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**

IAEA Safety Standards Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2012 Edition) Specific Safety Guide No. SSG-33 (IAEA

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

UR DS506