LONG TERM STRUCTURE OF THE IAEA SAFETY STANDARDS AND CURRENT STATUS
October 2024

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STATUS OF THE IAEA SAFETY STANDARDS

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Please note that you may also access the content of the Safety Standards Series and the Nuclear Security Series and navigate within the Series using the Nuclear Safety and Security Online User Interface NSS-OUI available on Nucleus at the following address:

https://nucleus-apps.iaea.org/nss-oui/

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1. Recent Publications

Safety standards published in 2022/2023/2024: GSG-16, SSG-65, SSG-9 (Rev. 1), SSG-77, GSG-15, SSG-66, SSG-26 (Rev. 1), SSG-20 (Rev. 1), SSG-24 (Rev. 1), SSG-27 (Rev. 1), SSG-70, SSG-71, SSG-72, SSG-73, SSG-75, SSG-74, SSG-76, SSG-79, SSG-22 (Rev. 1), SSG-5 (Rev. 1), SSG-6 (Rev. 1), SSG-7 (Rev. 1), SSG-80, SSG-81, SSG-82, SSG-83, SSG-84, SSG-78, SSG-85, SSG-10 (Rev. 1), SSG-37 (Rev. 1), SSG-86, GSG-17, GSG-18, SSG-88, SSG-89, SSG-87, SSG-3 (Rev. 1), SSG-1 (Rev. 1), SSG-90

2. Useful Hyperlinks

General information on the IAEA Safety Standards is available at:
https://www.iaea.org/resources/safety-standards

The 2018 Edition of the IAEA Safety Glossary in English and the 2007 Edition in Arabic, Chinese, English, French, Russian and Spanish

IAEA Nuclear Safety and Security Glossary | IAEA

The IAEA Nuclear Safety and Security Glossary, 2022 (Interim) Edition is also available there in English and French.

An electronic version of the IAEA Nuclear Safety and Security Glossary is also available at:
https://vocabulary.iaea.org/iaea-safety-glossary.html

3. Overall status of the safety standards series

- 133 are established. 133 are published
- 35 drafts are in the development process (24 to revise 24 published Safety Standards and 11 new)
- 2 draft DPPs approved by the Coordination Committee of which 1 to revise 1 published Safety Standards and 1 new

Currently, 92% of the standards are established. 18% of the established standards are under revision.
The expected total number is 144.

4. Application to facilities and activities

For each document in the long term structure of safety standards, a table is provided that indicates to which types of facilities and activities the standard applies. The green boxes indicate the application:

- green NPPs means applicable to nuclear power plants,
- green RRs means applicable to research reactors,
- green FCFs means applicable to fuel cycle facilities and facilities of the predisposal management of radioactive waste,
- green WDF means applicable to waste disposal facilities,
- green MM means applicable to mining/milling activities,
- green RS means applicable to use of radiation sources, and
- green TR means applicable to the transport of radioactive material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

5. Hierarchy

The IAEA safety standards reflect an international consensus on what constitutes a high level of safety for protecting people and the environment from harmful effects of ionizing radiation. They are issued in the IAEA Safety Standards Series, which has three categories (see Fig. 1):

Safety Fundamentals

The Safety Fundamentals SF-1 presents the fundamental safety objective and principles of protection and safety and provides the basis for the safety requirements.

Safety Requirements

An integrated and consistent set of Safety Requirements establish the requirements that must be met to ensure the protection of people and the environment, both now and in the future. The requirements are governed by the objective and principles of the Safety Fundamentals. If the requirements are not met, measures must be taken to reach or restore the required level of safety. The format and style of the requirements facilitate their use for the establishment, in a harmonized manner, of a national regulatory framework. The General Safety Requirements and the Specific Safety Requirements[1] include overarching requirements and associated requirements, both expressed as "shall" statements. Many requirements are not addressed to a specific party, the implication being that the appropriate parties are responsible for fulfilling them.

Safety Guides

Safety Guides provide recommendations and guidance on how to comply with the safety requirements, indicating an international consensus that it is necessary to take the measures recommended (or equivalent alternative measures). The Safety Guides present international good practices, and increasingly they reflect best practices, to help users striving to achieve high levels of safety. The recommendations provided in Safety Guides are expressed as 'should' statements.

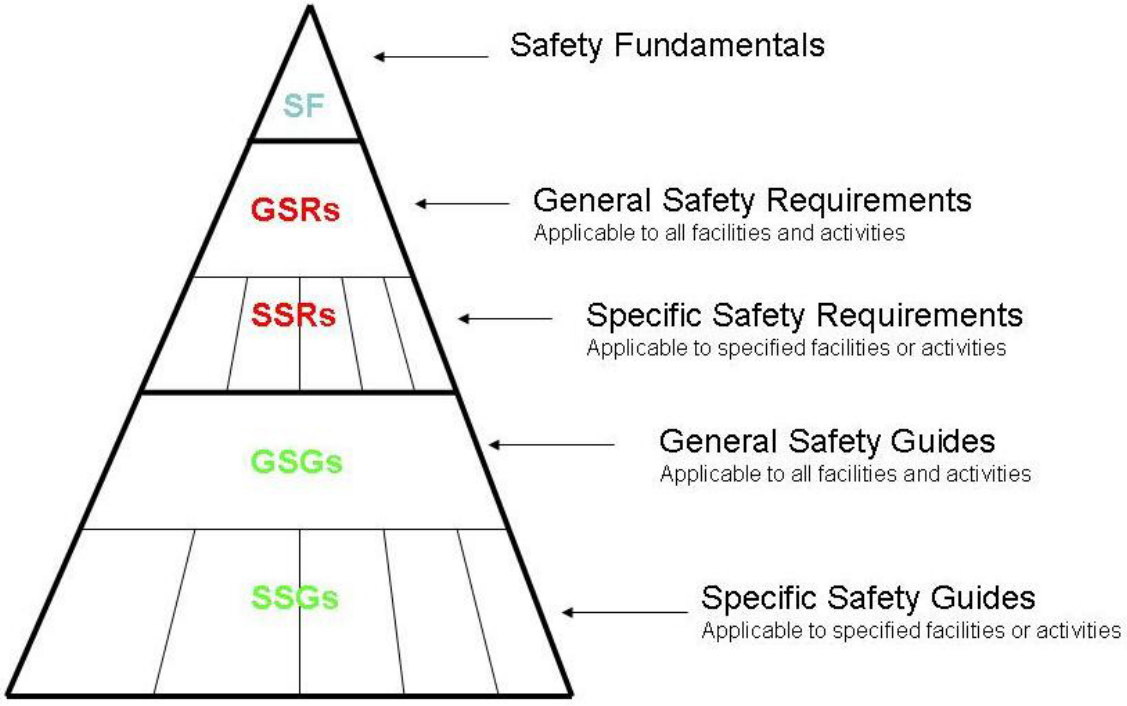
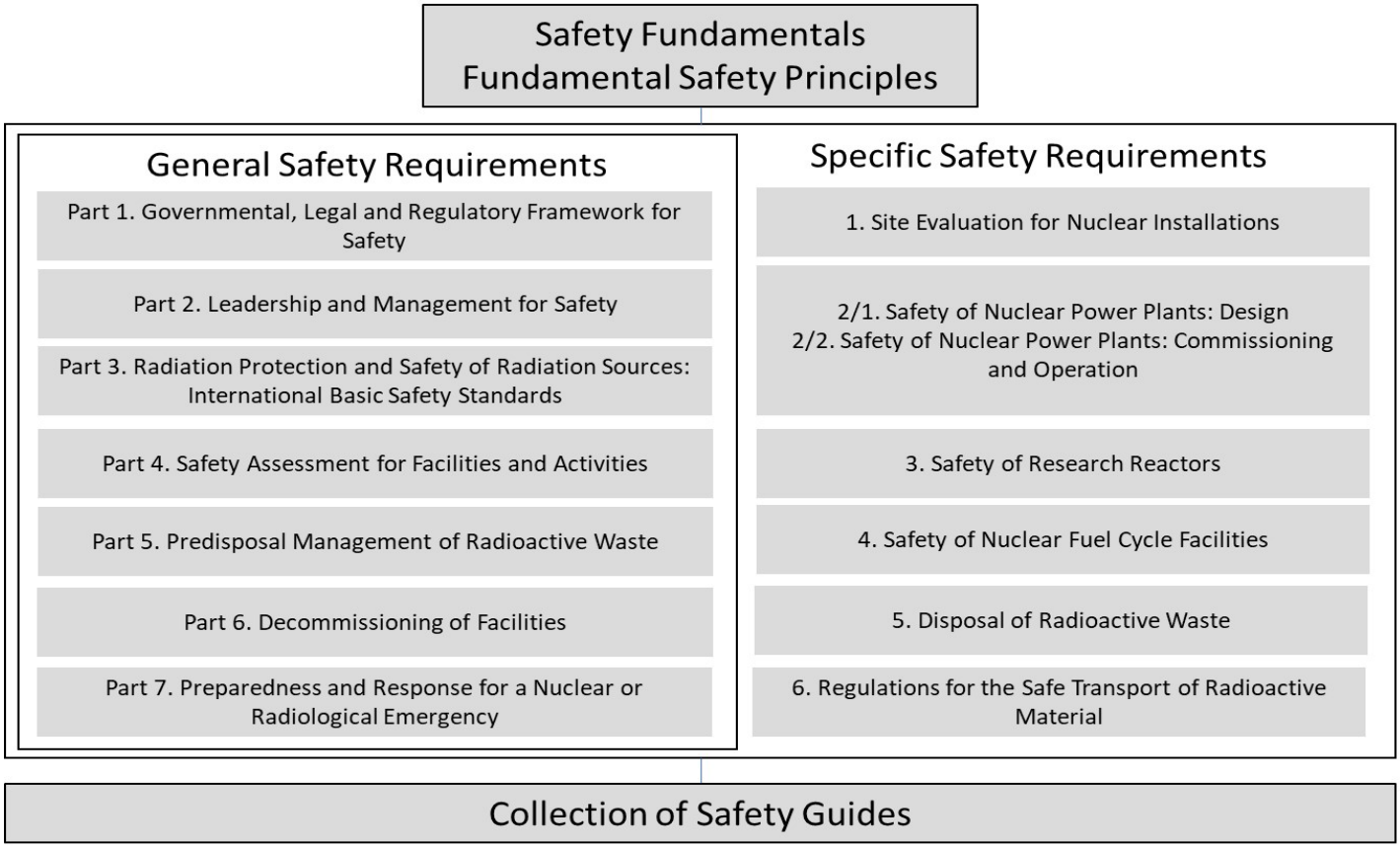


Fig. 1: Safety Standards Categories

[1] This does not currently apply to SSR-6 (Rev. 1) and its predecessors SSR-6 and TS-R-1

6. Structure

The long-term set of Safety Standards includes a unified Safety Fundamentals (SF1), a General Safety Requirements (GSR) in seven parts applicable to all facilities and activities with a graded approach, complemented by a set of six facilities and activities Specific Safety Requirements (SSRs). The Safety Requirements are implemented through a set of general and specific safety guides.



The following list provides you with the long term set of Safety Standards as well as the status of the current corresponding set of published safety standards and drafts in preparation for the transition to the long term structure.

7. Status of development

Throughout this report the first column provides the list of established IAEA Safety Standards (Safety Fundamentals and Safety Requirements are established when approved by the BoG and Safety Guides are established by the DG when approved by the Publication Committee). The second column gives the working identification number (DS …) of standards being developed or revised and links to the corresponding DPP. **Bold titles** indicate standards issued, or to be issued, under the authority of the Board of Governors, others are issued under the authority of the Director General. The third column provides the development status. The last column provides the list of Committees; the first Committee listed has the lead in the preparation and review of that particular draft.

STEP 1: Preparing a DPP
STEP 2: Internal review of the DPP
STEP 3: Review of the DPP by the RC(s)
STEP 4: Review of the DPP by the CSS
STEP 5: Preparing the draft
STEP 6: First internal review of the draft
STEP 7: First review of the draft by the RC(s)
STEP 8: Soliciting comments by Member States
STEP 9: Addressing comments by Member States
STEP 10: Second internal review of the draft
STEP 11: Second review of the draft by the RC(s)
STEP 12a: Submission to /endorsement by the Publications Committee
STEP 12b1: Submission to /approval by the CSS
STEP 12b2: MTCD Editing provided to the CSS

STEP 13: Establishing as an IAEA safety standard or an IAEA nuclear security guidance (by the DDG and/or Board of Governors (for SF and SR only))

STEP 14: Publication of the safety standard or the nuclear security guidance

8. The Current IAEA Safety Standards

Standards highlighted in Yellow appear several times in the list as they are applicable to different types of facilities and/or activities

Safety Fundamentals

SF-1 EUROPEAN ATOMIC ENERGY COMMUNITY, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR ORGANIZATION, INTERNATIONAL MARITIME ORGANIZATION, OECD NUCLEAR ENERGY AGENCY, PAN AMERICAN HEALTH ORGANIZATION, UNITED NATIONS ENVIRONMENT PROGRAMME, WORLD HEALTH ORGANIZATION, Fundamental Safety Principles, IAEA Safety Standards Series No. SF-1, IAEA, Vienna (2006).

General Safety Standards (applicable to all facilities and activities)

GSR Part 1 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Governmental, Legal and Regulatory Framework for Safety, IAEA Safety Standards Series No. GSR Part 1 (Rev. 1), IAEA, Vienna (2016).

GSR Part 2 INTERNATIONAL ATOMIC ENERGY AGENCY, Leadership and Management for Safety, IAEA Safety Standards Series No. GSR Part 2, IAEA, Vienna (2016).

GSR Part 3 EUROPEAN COMMISSION, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR ORGANIZATION, OECD NUCLEAR ENERGY AGENCY, PAN AMERICAN HEALTH ORGANIZATION, UNITED NATIONS ENVIRONMENT PROGRAMME, WORLD HEALTH ORGANIZATION, Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards, IAEA Safety Standards Series No. GSR Part 3, IAEA, Vienna (2014).

GSR Part 4 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Safety Assessment for Facilities and Activities, IAEA Safety Standards Series No. GSR Part 4 (Rev. 1), IAEA, Vienna (2016).

GSR Part 5 INTERNATIONAL ATOMIC ENERGY AGENCY, Predisposal Management of Radioactive Waste, IAEA Safety Standards Series No. GSR Part 5, IAEA, Vienna (2009).

GSR Part 6 INTERNATIONAL ATOMIC ENERGY AGENCY, Decommissioning of Facilities, IAEA Safety Standards Series No. GSR Part 6, IAEA, Vienna (2014).

GSR Part 7 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CIVIL AVIATION ORGANIZATION, INTERNATIONAL LABOUR ORGANIZATION, INTERNATIONAL MARITIME ORGANIZATION, INTERPOL, OECD NUCLEAR ENERGY AGENCY, PAN AMERICAN HEALTH ORGANIZATION, PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION, UNITED NATIONS ENVIRONMENT PROGRAMME, UNITED NATIONS OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS, WORLD HEALTH ORGANIZATION, WORLD METEOROLOGICAL ORGANIZATION, Preparedness and Response for a Nuclear or Radiological Emergency, IAEA Safety Standards Series No. GSR Part 7, IAEA, Vienna (2015).

GSG-12 INTERNATIONAL ATOMIC ENERGY AGENCY, Organization, Management and Staffing of the Regulatory Body for Safety, IAEA Safety Standards Series No. GSG-12, IAEA, Vienna (2018).

GSG-13 INTERNATIONAL ATOMIC ENERGY AGENCY, Functions and Processes of the Regulatory Body for Safety, IAEA Safety Standards Series No. GSG-13, IAEA, Vienna (2018).

GS-G-2.1 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR OFFICE, PAN AMERICAN HEALTH ORGANIZATION, UNITED NATIONS OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS, WORLD HEALTH ORGANIZATION,

Arrangements for Preparedness for a Nuclear or Radiological Emergency, IAEA Safety Standards Series No. GS-G-2.1, IAEA, Vienna (2007).

GSG-2 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR OFFICE, PAN AMERICAN HEALTH ORGANIZATION, WORLD HEALTH ORGANIZATION, Criteria for Use in Preparedness and Response for a Nuclear or Radiological Emergency, IAEA Safety Standards Series No. GSG-2, IAEA, Vienna (2011).

GS-G-3.1 INTERNATIONAL ATOMIC ENERGY AGENCY, Application of the Management System for Facilities and Activities, IAEA Safety Standards Series No. GS-G-3.1, IAEA, Vienna (2006).

GSG-16 INTERNATIONAL ATOMIC ENERGY AGENCY, Leadership, Management and Culture for Safety in Radioactive Waste Management, IAEA Safety Standards Series No. GSG-16, IAEA, Vienna (2022).

GSG-1 INTERNATIONAL ATOMIC ENERGY AGENCY, Classification of Radioactive Waste, IAEA Safety Standards Series No. GSG-1, IAEA, Vienna (2009).

GSG-3 INTERNATIONAL ATOMIC ENERGY AGENCY, The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste, IAEA Safety Standards Series No. GSG-3, IAEA, Vienna (2013).

GSG-17 INTERNATIONAL ATOMIC ENERGY AGENCY, Application of the Concept of Exemption, IAEA Safety Standards Series No. GSG-17, IAEA, Vienna (2023).

GSG-18 INTERNATIONAL ATOMIC ENERGY AGENCY, Application of the Concept of Clearance, IAEA Safety Standards Series No. GSG-18, IAEA, Vienna (2023).

RS-G-1.8 INTERNATIONAL ATOMIC ENERGY AGENCY, Environmental and Source Monitoring for Purposes of Radiation Protection, IAEA Safety Standards Series No. RS-G-1.8, IAEA, Vienna (2005).

RS-G-1.9 INTERNATIONAL ATOMIC ENERGY AGENCY, Categorization of Radioactive Sources, IAEA Safety Standards Series No. RS-G-1.9, IAEA, Vienna (2005).

GSG-9 INTERNATIONAL ATOMIC ENERGY AGENCY, UNITED NATIONS ENVIRONMENT PROGRAMME, Regulatory Control of Radioactive Discharges to the Environment, IAEA Safety Standards Series No. GSG-9, IAEA, Vienna (2018).

GSG-15 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, UNITED NATIONS DEVELOPMENT PROGRAMME, UNITED NATIONS ENVIRONMENT PROGRAMME AND UNITED NATIONS OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS, Remediation Strategy and Process for Areas Affected by Past Activities or Events, IAEA Safety Standards Series No. GSG-15, IAEA, Vienna (2022).

WS-G-5.1 INTERNATIONAL ATOMIC ENERGY AGENCY, Release of Sites from Regulatory Control on Termination of Practices, IAEA Safety Standards Series No. WS-G-5.1, IAEA, Vienna (2006).

WS-G-5.2 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety Assessment for the Decommissioning of Facilities Using Radioactive Material, IAEA Safety Standards Series No. WS-G-5.2, IAEA, Vienna (2008).

WS-G-6.1 INTERNATIONAL ATOMIC ENERGY AGENCY, Storage of Radioactive Waste, IAEA Safety Standards Series No. WS-G-6.1, IAEA, Vienna (2006).

GSG-5 INTERNATIONAL ATOMIC ENERGY AGENCY, Justification of Practices, Including Non-medical Human Imaging, IAEA Safety Standards Series No. GSG-5, IAEA, Vienna (2014).

GSG-6 INTERNATIONAL ATOMIC ENERGY AGENCY, Communication and Consultation with Interested Parties by the Regulatory Body, IAEA Safety Standards Series No. GSG-6, IAEA, Vienna (2017).

GSG-7 INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR OFFICE, Occupational Radiation Protection, IAEA Safety Standards Series No. GSG-7, IAEA, Vienna (2018).

GSG-11 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CIVIL AVIATION

ORGANIZATION, INTERNATIONAL LABOUR OFFICE, INTERNATIONAL MARITIME ORGANIZATION, INTERPOL, OECD NUCLEAR ENERGY AGENCY, UNITED NATIONS OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS, WORLD HEALTH ORGANIZATION, WORLD METEOROLOGICAL ORGANIZATION, Arrangements for the Termination of a Nuclear or Radiological Emergency, IAEA Safety Standards Series No. GSG-11, IAEA, Vienna (2018).

GSG-14 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CIVIL AVIATION ORGANIZATION, INTERPOL, PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION AND UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS, Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency, IAEA Safety Standards Series No. GSG-14, IAEA, Vienna (2020).

GSG-8 INTERNATIONAL ATOMIC ENERGY AGENCY, UNITED NATIONS ENVIRONMENT PROGRAMME, Radiation Protection of the Public and the Environment, IAEA Safety Standards Series No. GSG-8, IAEA, Vienna (2018).

GSG-10 INTERNATIONAL ATOMIC ENERGY AGENCY, UNITED NATIONS ENVIRONMENT PROGRAMME, Prospective Radiological Environmental Impact Assessment for Facilities and Activities, IAEA Safety Standards Series No. GSG-10, IAEA, Vienna (2018).

Specific Safety Standards (applicable to specified facilities and activities)

Nuclear Power Plants

SSR-1 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSR-1, IAEA, Vienna (2019).

SSR-2/1 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Nuclear Power Plants: Design, IAEA Safety Standards Series No. SSR-2/1 (Rev. 1), IAEA, Vienna (2016).

SSR-2/2 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Nuclear Power Plants: Commissioning and Operation, IAEA Safety Standards Series No. SSR-2/2 (Rev. 1), IAEA, Vienna (2016).

SSG-16 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Establishing the Safety Infrastructure for a Nuclear Power Programme, IAEA Safety Standards Series No. SSG-16 (Rev. 1), IAEA, Vienna (2020).

GS-G-3.5 INTERNATIONAL ATOMIC ENERGY AGENCY, The Management System for Nuclear Installations, IAEA Safety Standards Series No. GS-G-3.5, IAEA, Vienna (2009).

SSG-12 INTERNATIONAL ATOMIC ENERGY AGENCY, Licensing Process for Nuclear Installations, IAEA Safety Standards Series No. SSG-12, IAEA, Vienna (2010).

SSG-61 INTERNATIONAL ATOMIC ENERGY AGENCY, Format and Content of the Safety Analysis Report for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-61, IAEA, Vienna (2021).

SSG-69 INTERNATIONAL ATOMIC ENERGY AGENCY, Equipment Qualification for Nuclear Installations, IAEA Safety Standards Series No. SSG-69, IAEA, Vienna (2021).

SSG-30 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety Classification of Structures, Systems and Components in Nuclear Power Plants, IAEA Safety Standards Series No. SSG-30, IAEA, Vienna (2014).

SSG-39 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Instrumentation and Control Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-39, IAEA, Vienna (2016).

SSG-63 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Fuel Handling and Storage Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-63, IAEA, Vienna (2020).

SSG-68 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Nuclear Installations Against External Events Excluding Earthquakes, IAEA Safety Standards Series No. SSG-68, IAEA, Vienna (2021).

SSG-67 INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Design for Nuclear Installations, IAEA Safety Standards Series No. SSG-67, IAEA, Vienna (2021).

SSG-88 INTERNATIONAL ATOMIC ENERGY AGENCY, Design Extension Conditions and the Concept of Practical Elimination in the Design of Nuclear Power Plants, IAEA Safety Standards Series No. SSG-88, IAEA, Vienna (2024), https://doi.org/10.61092/iaea.la1m-dy8m.

SSG-64 INTERNATIONAL ATOMIC ENERGY AGENCY, Protection against Internal Hazards in the Design of Nuclear Power Plants, IAEA Safety Standards Series No. SSG-64, IAEA, Vienna (2021).

SSG-34 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Electrical Power Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-34, IAEA, Vienna (2016).

SSG-56 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of the Reactor Coolant System and Associated Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-56, IAEA, Vienna (2020).

SSG-53 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of the Reactor Containment and Associated Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-53, IAEA, Vienna (2019).

SSG-62 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Auxiliary Systems and Supporting Systems for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-62, IAEA, Vienna (2020).

SSG-52 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of the Reactor Core for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-52, IAEA, Vienna (2019).

SSG-90 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Protection Aspects of Design for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-90, IAEA, Vienna (2024).

SSG-77 INTERNATIONAL ATOMIC ENERGY AGENCY, Protection Against Internal and External Hazards in the Operation of Nuclear Power Plants, Safety Standards Series, IAEA, Vienna (2022).

SSG-51 INTERNATIONAL ATOMIC ENERGY AGENCY, Human Factors Engineering in the Design of Nuclear Power Plants, IAEA Safety Standards Series No. SSG-51, IAEA, Vienna (2019).

SSG-70 INTERNATIONAL ATOMIC ENERGY AGENCY, Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-70, IAEA, Vienna (2022).

SSG-71 INTERNATIONAL ATOMIC ENERGY AGENCY, Modifications to Nuclear Power Plants, IAEA Safety Standards Series No. SSG-71, IAEA, Vienna (2022).

SSG-72 INTERNATIONAL ATOMIC ENERGY AGENCY, The Operating Organization for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-72, IAEA, Vienna (2022).

SSG-73 INTERNATIONAL ATOMIC ENERGY AGENCY, Core Management and Fuel Handling for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-73, IAEA, Vienna (2022).

SSG-74 INTERNATIONAL ATOMIC ENERGY AGENCY, Maintenance, Testing, Surveillance and Inspection in Nuclear Power Plants, IAEA Safety Standards Series No. SSG-74, IAEA, Vienna (2022).

SSG-40 INTERNATIONAL ATOMIC ENERGY AGENCY, Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors, IAEA Safety Standards Series No. SSG-40, IAEA, Vienna (2016).

SSG-75 INTERNATIONAL ATOMIC ENERGY AGENCY, Recruitment, Qualification and Training of Personnel for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-75, IAEA, Vienna (2022).

SSG-38 INTERNATIONAL ATOMIC ENERGY AGENCY, Construction for Nuclear Installations, IAEA Safety Standards Series No. SSG-38, IAEA, Vienna (2015).

SSG-28 INTERNATIONAL ATOMIC ENERGY AGENCY, Commissioning for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-28, IAEA, Vienna (2014).

SSG-25 INTERNATIONAL ATOMIC ENERGY AGENCY, Periodic Safety Review for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-25, IAEA, Vienna (2013).

SSG-50 INTERNATIONAL ATOMIC ENERGY AGENCY, Operating Experience Feedback for Nuclear Installations, IAEA Safety Standards Series No. SSG-50, IAEA, Vienna (2018).

SSG-48 INTERNATIONAL ATOMIC ENERGY AGENCY, Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants, IAEA Safety Standards Series No. SSG-48, IAEA, Vienna (2018).

SSG-89 INTERNATIONAL ATOMIC ENERGY AGENCY, Evaluation of Seismic Safety for Nuclear Installations, IAEA Safety Standards Series No. SSG-89, IAEA, Vienna (2024).

SSG-76 INTERNATIONAL ATOMIC ENERGY AGENCY, Conduct of Operations at Nuclear Power Plants, IAEA Safety Standards Series No. SSG-76, IAEA, Vienna (2022).

SSG-54 INTERNATIONAL ATOMIC ENERGY AGENCY, Accident Management Programmes for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-54, IAEA, Vienna (2019).

SSG-13 INTERNATIONAL ATOMIC ENERGY AGENCY, Chemistry Programme for Water Cooled Nuclear Power Plants, IAEA Safety Standards Series No. SSG-13, IAEA, Vienna (2011).

SSG-79 INTERNATIONAL ATOMIC ENERGY AGENCY, Hazards Associated with Human Induced External Events in Site Evaluation for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-79, IAEA, Vienna (2023).

NS-G-3.2 INTERNATIONAL ATOMIC ENERGY AGENCY, Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for Nuclear Power Plants, IAEA Safety Standards Series No. NS-G-3.2, IAEA, Vienna (2002). (under revision)

SSG-9 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-9 (Rev. 1), IAEA, Vienna (2022).

SSG-18 INTERNATIONAL ATOMIC ENERGY AGENCY, WORLD METEOROLOGICAL ORGANIZATION, Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-18, IAEA, Vienna (2011).

SSG-21 INTERNATIONAL ATOMIC ENERGY AGENCY, Volcanic Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-21, IAEA, Vienna (2012).

SSG-35 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Survey and Site Selection for Nuclear Installations, IAEA Safety Standards Series No. SSG-35, IAEA, Vienna (2015).

NS-G-3.6 INTERNATIONAL ATOMIC ENERGY AGENCY, Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants, IAEA Safety Standards Series No. NS-G-3.6, IAEA, Vienna (2004).

SSG-2 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Deterministic Safety Analysis for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-2 (Rev. 1), IAEA, Vienna (2019).

SSG-3 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-3 (Rev. 1), IAEA, Vienna (2024).

SSG-4 INTERNATIONAL ATOMIC ENERGY AGENCY, Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-4, IAEA, Vienna (2010).

SSG-47 INTERNATIONAL ATOMIC ENERGY AGENCY, Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities, IAEA Safety Standards Series No. SSG-47, IAEA, Vienna (2018).

SSG-27 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Criticality Safety in the Handling of Fissile Material, IAEA Safety Standards Series No. SSG-27 (Rev. 1), IAEA, Vienna (2022).

Research Reactors

SSR-1 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSR-1, IAEA, Vienna (2019).

SSR-3 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Research Reactors, IAEA Safety Standards Series No. SSR-3, IAEA, Vienna (2016).

SSG-9 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-9 (Rev. 1), IAEA, Vienna (2022).

SSG-18 INTERNATIONAL ATOMIC ENERGY AGENCY, WORLD METEOROLOGICAL ORGANIZATION, Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-18, IAEA, Vienna (2011).

SSG-21 INTERNATIONAL ATOMIC ENERGY AGENCY, Volcanic Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-21, IAEA, Vienna (2012).

SSG-79 INTERNATIONAL ATOMIC ENERGY AGENCY, Hazards Associated with Human Induced External Events in Site Evaluation for Nuclear Power Plants, IAEA Safety Standards Series No. SSG-79, IAEA, Vienna (2023).

SSG-35 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Survey and Site Selection for Nuclear Installations, IAEA Safety Standards Series No. SSG-35, IAEA, Vienna (2015).

GS-G-3.5 INTERNATIONAL ATOMIC ENERGY AGENCY, The Management System for Nuclear Installations, IAEA Safety Standards Series No. GS-G-3.5, IAEA, Vienna (2009).

SSG-12 INTERNATIONAL ATOMIC ENERGY AGENCY, Licensing Process for Nuclear Installations, IAEA Safety Standards Series No. SSG-12, IAEA, Vienna (2010).

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SSG-67 INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Design for Nuclear Installations, IAEA Safety Standards Series No. SSG-67, IAEA, Vienna (2021).

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SSG-80 INTERNATIONAL ATOMIC ENERGY AGENCY, Commissioning of Research Reactors, IAEA Safety Standards Series No. SSG-80, IAEA, Vienna (2023).

SSG-81 INTERNATIONAL ATOMIC ENERGY AGENCY, Maintenance, Periodic Testing and Inspection of Research Reactors, IAEA Safety Standards Series No. SSG-81, IAEA, Vienna (2023).

SSG-82 INTERNATIONAL ATOMIC ENERGY AGENCY, Core Management and Fuel Handling for Research Reactors, IAEA Safety Standards Series No. SSG-82, IAEA, Vienna (2023).

SSG-83 INTERNATIONAL ATOMIC ENERGY AGENCY, Operational Limits and Conditions and Operating Procedures for Research Reactors, IAEA Safety Standards Series No. SSG-83, IAEA, Vienna (2023).

SSG-84 INTERNATIONAL ATOMIC ENERGY AGENCY, The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors, IAEA Safety Standards Series No. SSG-84, IAEA, Vienna (2023).

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SSG-40 INTERNATIONAL ATOMIC ENERGY AGENCY, Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors, IAEA Safety Standards Series No. SSG-40, IAEA, Vienna (2016).

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SSG-10 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Ageing Management for Research Reactors, IAEA Safety Standards Series No. SSG-10 (Rev. 1), IAEA, Vienna (2023).

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SSG-20 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report, IAEA Safety Standards Series No. SSG-20 (Rev. 1), IAEA, Vienna (2022).

SSG-27 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Criticality Safety in the Handling of Fissile Material, IAEA Safety Standards Series No. SSG-27 (Rev. 1), IAEA, Vienna (2022).

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SSR-1 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSR-1, IAEA, Vienna (2019).

SSR-4 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Nuclear Fuel Cycle Facilities, IAEA Safety Standards Series No. SSR-4, IAEA, Vienna (2017).

SSG-9 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-9 (Rev. 1), IAEA, Vienna (2022).

SSG-18 INTERNATIONAL ATOMIC ENERGY AGENCY, WORLD METEOROLOGICAL ORGANIZATION, Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations, IAEA Safety Standards Series No. SSG-18, IAEA, Vienna (2011).

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SSG-35 INTERNATIONAL ATOMIC ENERGY AGENCY, Site Survey and Site Selection for Nuclear Installations, IAEA Safety Standards Series No. SSG-35, IAEA, Vienna (2015).

GS-G-3.5 INTERNATIONAL ATOMIC ENERGY AGENCY, The Management System for Nuclear Installations, IAEA Safety Standards Series No. GS-G-3.5, IAEA, Vienna (2009).

SSG-12 INTERNATIONAL ATOMIC ENERGY AGENCY, Licensing Process for Nuclear Installations, IAEA Safety Standards Series No. SSG-12, IAEA, Vienna (2010).

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SSG-89 INTERNATIONAL ATOMIC ENERGY AGENCY, Evaluation of Seismic Safety for Nuclear Installations, IAEA Safety Standards Series No. SSG-89, IAEA, Vienna (2024).

SSG-67 INTERNATIONAL ATOMIC ENERGY AGENCY, Seismic Design for Nuclear Installations, IAEA Safety Standards Series No. SSG-67, IAEA, Vienna (2021).

SSG-68 INTERNATIONAL ATOMIC ENERGY AGENCY, Design of Nuclear Installations Against External Events Excluding Earthquakes, IAEA Safety Standards Series No. SSG-68, IAEA, Vienna (2021).

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SSG-6 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Uranium Fuel Fabrication Facilities, IAEA Safety Standards Series No. SSG-6, IAEA, Vienna (2023).

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SSG-38 INTERNATIONAL ATOMIC ENERGY AGENCY, Construction for Nuclear Installations, IAEA Safety Standards Series No. SSG-38, IAEA, Vienna (2015).

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SSG-41 INTERNATIONAL ATOMIC ENERGY AGENCY, Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities, IAEA Safety Standards Series No. SSG-41, IAEA, Vienna (2016).

SSG-42 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Nuclear Fuel Reprocessing Facilities, IAEA Safety Standards Series No. SSG-42, IAEA, Vienna (2017).

SSG-43 INTERNATIONAL ATOMIC ENERGY AGENCY, Safety of Nuclear Fuel Cycle Research and Development Facilities, IAEA Safety Standards Series No. SSG-43, IAEA, Vienna (2017).

SSG-47 INTERNATIONAL ATOMIC ENERGY AGENCY, Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities, IAEA Safety Standards Series No. SSG-47, IAEA, Vienna (2018).

SSG-15 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Storage of Spent Nuclear Fuel, IAEA Safety Standards Series No. SSG-15 (Rev. 1), IAEA, Vienna (2020).

SSG-27 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Criticality Safety in the Handling of Fissile Material, IAEA Safety Standards Series No. SSG-27 (Rev. 1), IAEA, Vienna (2022).

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SSR-5 INTERNATIONAL ATOMIC ENERGY AGENCY, Disposal of Radioactive Waste, IAEA Safety Standards Series No. SSR-5, IAEA, Vienna (2011).

GSG-16 INTERNATIONAL ATOMIC ENERGY AGENCY, Leadership, Management and Culture for Safety in Radioactive Waste Management, IAEA Safety Standards Series No. GSG-16, IAEA, Vienna (2022).

SSG-1 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Borehole Disposal Facilities for Disused Sealed Radioactive Sources, IAEA Safety Standards Series No. SSG-1 (Rev. 1), IAEA, Vienna (2024).

SSG-23 INTERNATIONAL ATOMIC ENERGY AGENCY, The Safety Case and Safety Assessment for the Disposal of Radioactive Waste, IAEA Safety Standards Series No. SSG-23, IAEA, Vienna (2012).

SSG-29 INTERNATIONAL ATOMIC ENERGY AGENCY, Near Surface Disposal Facilities for Radioactive Waste, IAEA Safety Standards Series No. SSG-29, IAEA, Vienna (2014).

SSG-14 INTERNATIONAL ATOMIC ENERGY AGENCY, Geological Disposal Facilities for Radioactive Waste, IAEA Safety Standards Series No. SSG-14, IAEA, Vienna (2011).

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SSG-60 INTERNATIONAL ATOMIC ENERGY AGENCY, Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and Other Activities, IAEA Safety Standards Series No. SSG-60, IAEA, Vienna (2021).

Applications of Radiation Sources

GSR Part 3 EUROPEAN COMMISSION, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR ORGANIZATION, OECD NUCLEAR ENERGY AGENCY, PAN AMERICAN HEALTH ORGANIZATION, UNITED NATIONS ENVIRONMENT PROGRAMME, WORLD HEALTH ORGANIZATION, Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards, IAEA Safety Standards Series No. GSR Part 3, IAEA, Vienna (2014).

SSG-44 INTERNATIONAL ATOMIC ENERGY AGENCY, Establishing the Infrastructure for Radiation Safety, IAEA Safety Standards Series No. SSG-44, IAEA, Vienna (2018).

SSG-46 INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL LABOUR OFFICE, PAN AMERICAN HEALTH ORGANIZATION, WORLD HEALTH ORGANIZATION, Radiation Protection and Safety in Medical Uses of Ionizing Radiation, IAEA Safety Standards Series No. SSG-46, IAEA, Vienna (2018).

RS-G-1.9 INTERNATIONAL ATOMIC ENERGY AGENCY, Categorization of Radioactive Sources, IAEA Safety Standards Series No. RS-G-1.9, IAEA, Vienna (2005).

SSG-49 INTERNATIONAL ATOMIC ENERGY AGENCY, Decommissioning of Medical, Industrial and Research Facilities, IAEA Safety Standards Series No. SSG-49, IAEA, Vienna (2019).

SSG-45 INTERNATIONAL ATOMIC ENERGY AGENCY, Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education, IAEA Safety Standards Series No. SSG-45, IAEA, Vienna (2019).

SSG-8 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety of Gamma, Electron and X Ray Irradiation Facilities, IAEA Safety Standards Series No. SSG-8, IAEA, Vienna (2010).

SSG-11 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety in Industrial Radiography, IAEA Safety Standards Series No. SSG-11, IAEA, Vienna (2011).

SSG-17 INTERNATIONAL ATOMIC ENERGY AGENCY, Control of Orphan Sources and Other Radioactive Material in the Metal Recycling and Production Industries, IAEA Safety Standards Series No. SSG-17, IAEA, Vienna (2012).

SSG-19 INTERNATIONAL ATOMIC ENERGY AGENCY, National Strategy for Regaining Control over Orphan Sources and Improving Control over Vulnerable Sources, IAEA Safety Standards Series No. SSG-19, IAEA, Vienna (2011).

SSG-32 INTERNATIONAL ATOMIC ENERGY AGENCY, WORLD HEALTH ORGANIZATION, Protection of the Public against Exposure Indoors due to Radon and Other Natural Sources of Radiation, IAEA Safety Standards Series No. SSG-32, IAEA, Vienna (2015).

SSG-36 INTERNATIONAL ATOMIC ENERGY AGENCY, OECD NUCLEAR ENERGY AGENCY, Radiation Safety for Consumer Products, IAEA Safety Standards Series No. SSG-36, IAEA, Vienna (2016).

SSG-55 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety of X Ray Generators and Other Radiation Sources Used for Inspection Purposes and for Non-medical Human Imaging, IAEA Safety Standards Series No. SSG-55, IAEA, Vienna (2020).

SSG-57 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety in Well Logging, IAEA Safety Standards Series No. SSG-57, IAEA, Vienna (2020).

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SSG-59 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety of Accelerator Based Radioisotope Production Facilities, IAEA Safety Standards Series No. SSG-59, IAEA, Vienna (2020).

SSG-87 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Safety in the Use of Radiation Sources in Research and Education, IAEA Safety Standards Series No. SSG-87, IAEA, Vienna (2024).

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SSR-6 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Regulations for the Safe Transport of Radioactive Material, 2018 Edition, IAEA Safety Standards Series No. SSR-6 (Rev. 1), IAEA, Vienna (2018).

SSG-26 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition), IAEA Safety Standards Series No. SSG-26 (Rev. 1), IAEA, Vienna (2022).

SSG-65 INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CIVIL AVIATION ORGANIZATION, INTERNATIONAL MARITIME ORGANIZATION, Preparedness and Response for a Nuclear or Radiological Emergency Involving the Transport of Radioactive Material, IAEA Safety Standards Series No. SSG-65, IAEA, Vienna (2022).

SSG-66 INTERNATIONAL ATOMIC ENERGY AGENCY, Format and Content of the Package Design Safety Report for the Transport of Radioactive Material, IAEA Safety Standards Series No. SSG-66, IAEA, Vienna (2022).

SSG-86 INTERNATIONAL ATOMIC ENERGY AGENCY, Radiation Protection Programmes for the Transport of Radioactive Material, IAEA Safety Standards Series No. SSG-86, IAEA, Vienna (2023).

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SSG-78 INTERNATIONAL ATOMIC ENERGY AGENCY, Compliance Assurance for the Safe Transport of Radioactive Material, IAEA Safety Standards Series No. SSG-78, IAEA, Vienna (2023).

SSG-33 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition), IAEA Safety Standards Series No. SSG-33 (Rev. 1), IAEA, Vienna (2021).

SSG-27 (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, Criticality Safety in the Handling of Fissile Material, IAEA Safety Standards Series No. SSG-27 (Rev. 1), IAEA, Vienna (2022).

9. Safety Fundamentals

Safety Fundamentals

SF-1: Fundamental Safety Principles
Published in Arabic Chinese English French Russian and Spanish
Co-sponsorship: Euratom, FAO, ILO, IMO, OECD/NEA, PAHO, UNEP, WHO
Ex. **DS298**, Supersedes Safety series Nos 110, 111-F and 120

NPPs	RRs	FCFs	WDFs	MM	RS	TR

10. General Safety Requirements

GSR Part 1: Governmental, Legal and Regulatory Framework for Safety

NPPs	RRs	FCFs	WDFs	MM	RS	TR

GSR Part 1 (Rev. 1) Governmental, Legal and Regulatory Framework for Safety (2016) Ex DS463 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **GSR Part 1: Governmental, Legal and Regulatory Framework for Safety (2010)** Published in Arabic, Chinese, English, French, Russian, Spanish Ex DS415 Supersedes GS-R-1 Legal and Governmental Infrastructure for Nuclear, Radiation, Radioactive Waste and Transport Safety (2000) Ex DS180 Published in Arabic, English, Chinese, French, Russian, Spanish which Superseded Safety Series Nos. 50-C-G (Rev. 1) and 111-S-1			

GSR Part 2: Leadership and Management for Safety

NPPs	RRs	FCFs	WDFs	MM	RS	TR

GSR Part 2: Leadership and Management for Safety (2016) Ex **DS456** Published in Arabic, Chinese, English, French, Russian, Spanish supersedes **GS-R-3 The Management System for Facilities and Activities (2006)** Ex **DS338** Published in Arabic, Chinese, English, French, Russian, Spanish (Supersedes Safety Series 50-C-Q)			

GSR Part 3: Radiation Protection and Safety of Radiation Sources

NPPs | RRs | FCFs | WDFs | MM | RS | TR

GSR Part 3 Radiation Protection and Safety of Radiation Sources, International BSS (2014) Published in Arabic, Chinese, English, French, Russian, Spanish Co-spionsorship: EC, FAO, ILO, OECD/NEA, PAHO, UNEP, WHO Ex DS379 supersedes **SS115 International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources (1996)** Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: FAO, ILO, OECD/NEA, PAHO, WHO Which superseded Safety Series No. 9, 1982 Edition DS379 also supersedes **WS-R-3 Remediation of Areas Contaminated by Past Activities and Accidents (2003)** Ex **DS162** Published in English			

GSR Part 4: Safety Assessment for Facilities and Activities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

GSR Part 4 (Rev. 1) Safety Assessment for Facilities and Activities (2016) Ex DS466 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **GSR Part 4: Safety Assessment for Facilities and Activities (2009)** Published in Arabic, Chinese, English, French, Russian, Spanish Ex. DS348 Supersedes NS-G-1.2			

GSR Part 5: Predisposal Management of Radioactive Waste (2009)

NPPs | RRs | FCFs | WDFs | MM | RS | TR

GSR Part 5: Predisposal Management of Radioactive Waste (2009) Published in Arabic, Chinese, English, French, Russian, Spanish Ex. DS353, supersedes WS-R-2 Published in Arabic, Chinese, English, French, Russian, Spanish	**DS548**: Predisposal Management of Radioactive Waste dpp	Step 5: preparing the draft G. Bruno	WASSC, RASSC, TRANSSC, NUSSC, EPReSC, NSGC

GSR Part 6: Decommissioning and Termination of Activities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

GSR Part 6 Decommissioning of Facilities (2014) Ex DS450 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **WS-R-5 Decommissioning of Facilities Using Radioactive Material (2006)** Ex **DS333** Published in Arabic Chinese, English, French, Russian, Spanish Supersedes the decommissioning part of WS-R-2 on Predisposal Management of Radioactive Waste, including Decommissioning (2000) Published in Arabic, Chinese, English, French, Russian, Spanish			

GSR Part 7: Emergency Preparedness and Response

NPPs | RRs | FCFs | WDFs | MM | RS | TR

GSR Part 7: Preparedness and Response for a Nuclear or Radiological Emergency (2015) Published in Arabic, Chinese, English, French, Russian, Spanish Ex DS457 Co-sponsorship: FAO, ICAO, ILO, IMO, INTERPOL, OECD/NEA, PAHO, CTBTO, UNEP, OCHA, WHO, WMO Supersedes **GS-R-2 Preparedness and Response for a Nuclear or Radiological Emergency (2002)** Ex **DS43** Published in Arabic, English, Chinese, French, Russian, Spanish Co-sponsorship: FAO, OCHA, OECD/NEA, ILO, PAHO, WHO			

11.Specific Safety Requirements

SSR-1: Site Evaluation for Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-1 Site Evaluation for Nuclear Installations (2019) Published in Arabic, Chinese, English, French, Russian, Spanish Ex DS484 Supersedes **NS-R-3 (Rev. 1) Site Evaluation for Nuclear Installations (2016)** Ex DS464 Published in Arabic, Chinese, English, French, , Russian, Spanish Supersedes **NS-R-3 Site Evaluation for Nuclear Installations (2003)** Ex **DS305** Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes Safety Series Nos. 50-C-S (Rev. 1) **&** S9			

SSR-2/1: Safety of Nuclear Power Plants: Design

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-2/1 (Rev. 1) Safety of Nuclear Power Plants: Design (2016) Ex DS465 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **SSR-2/1: Safety of Nuclear Power Plants: Design (2012)** Ex **DS414** Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **NS-R-1 Safety of Nuclear Power Plants: Design (2000)** Ex **DS181** Published in Chinese, English, French, Russian, Spanish Which superseded Safety Series Nos. 50-C-D (Rev. 1) and D1			

SSR-2/2 Safety of Nuclear Power Plants: Commissioning and Operation

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-2/2 (Rev. 1) Safety of Nuclear Power Plants: Commissioning and Operation (2016) Ex DS467 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **SSR-2/2 Safety of Nuclear Power Plants: Commissioning and Operation (2011)** Ex **DS413** Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **NS-R-2 Safety of Nuclear Power Plants: Operation (2000)** Ex **DS179** Published in Chinese English, French, Russian, Spanish Which superseded Safety Series No. 50-C-O (Rev. 1)	**DS532:** Safety of Nuclear Power Plants: Commissioning and Operation, revision of SSR-2/2 (Rev. 1) dpp	Step 5: Preparing the draft S. Morgan	NUSSC, EPReSC, NSGC, RASSC, WASSC

SSR-3: Safety of Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-3: Safety of Research Reactors (2016) Published in Arabic, Chinese, English, French, Russian, Spanish Ex DS476 supersedes **NS-R-4 Safety of Research Reactors (2005)** Ex **DS272** Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes Safety Series Nos. 35-S1 and 35-S2			

SSR-4: Safety of Nuclear Fuel Cycle Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-4: Safety of Nuclear Fuel Cycle Facilities (2017) Ex: DS478 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **NS-R-5 (Rev1) Safety of Nuclear Fuel Cycle Facilities (2014)** Ex DS439 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes **NS-R-5 Safety of Nuclear Fuel Cycle Facilities (2008)** Ex **DS316** Published in English			

SSR-5: Disposal of Radioactive Waste (2011)
Published in Arabic, Chinese, English, French, Russian, Spanish
Ex DS354
Supersedes
WS-R-1 Near Surface Disposal of Radioactive Waste (1999) Published in Arabic, Chinese, English, French, Russian, Spanish
and **WS-R-4 Geological Disposal of Radioactive Waste (2006)**
Ex DS154
Published in English
Co-sponsorship: OECD/NEA.

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-6: Regulations for the Safety Transport of Radioactive Material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSR-6 (Rev. 1) Regulations for the Safe Transport of Radioactive Material, 2018 Edition (2018) Ex **DS495** Published in Arabic, Chinese, English, French, Russian, Spanish supersedes **SSR-6 Regulations for the Safe Transport of Radioactive Material, 2012 Edition** Ex DS437 Published in Arabic, Chinese, English, French, Russian Supersedes **TS-R-1 Regulations for the Safe Transport of Radioactive Material (2009 Edition)** Ex DS345 Published in Arabic, Chinese, English, French, Russian, Spanish	**DS543**: Regulations for the Safe Transport of Radioactive Material, 20xx Edition, revision of SSR-6 (Rev. 1) dpp	STEP 11: Second review of the draft by the RC(s) E. Reber	TRANSSC, RASSC, WASSC, NUSSC, EPReSC, NSGC

12. General Safety Guides

1. Establishing a National Safety Infrastructure

NPPs | RRs | FCFs | WDFs | MM | RS | TR

SSG-16 (Rev. 1) Establishing the Safety Infrastructure for a Nuclear Power Programme (2020) Published in Chinese, English, French Ex DS486 supersedes **SSG-16** Establishing the Safety Infrastructure for a Nuclear Power Programme (2012) Ex DS424 Published in English, Russian			
SSG-44 Establishing the Infrastructure for Radiation Safety (2018) Published in Chinese, English, French, Spanish Ex DS455 supersedes **RS-G-1.4** Building Competence in Radiation Protection and the Safe Use of Radiation Sources (2001) Ex DS73 Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: Int. Labour Office, PAHO, WHO			

2. Regulatory Control of Facilities and Activities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Modular revision of

- GS-G-1.1 Organization and staffing of the regulatory body for nuclear facility (2002) that will include ‘Management systems for regulatory bodies’ (DS113) as well as guidance on ‘self assessment’. This should address nuclear facilities and activities as well as the control of radiation facilities and radiation sources.

- GS-G-1.2 Review and assessment of nuclear facilities by the regulatory body (2002),

- GS-G-1.3 Regulatory inspection of nuclear facilities and enforcement by the regulatory body (2002)

- GS-G-1.4 Documentation for use in regulating nuclear facilities (2002)

- GS-G-1.5 Regulatory control of radiation sources (2004) incorporating the TECDOCs on ‘Authorization’ and ‘Inspection’. This will also cover the licensing, authorization, notification process for radiation sources and activities

- and WS-G-5.1 Release of sites from regulatory control upon termination of practices (2006)

- reference will also be made to the revision of WS-G-2.3 Regulatory control of radioactive discharges to the environment (DS442)

The revised safety guide will also cover the licensing process for nuclear installations SSG-12.

The guide will also address the content of DS429 on external expert support on safety issues.

GSG-12: Organisation, Management and Staffing of a Regulatory Body for Safety (2018) Ex DS472 Published in Chinese, English, French, Russian, Spanish Supersedes **GS-G-1.1** Organization and Staffing of the Regulatory Body for Nuclear Facilities (2002) Ex DS247 Published in English, Chinese, French, Russian, Spanish That superseded Safety Series No. 50-SG-G1 and **GSG-4** Use of External Experts by the Regulatory Body (2013) Ex DS429 Published in English			
GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes **GS-G-1.2** Review and Assessment of Nuclear Facilities by the Regulatory Body (2002) Ex DS248 Published in English, Chinese, French, Russian, Spanish Supersedes Safety Series No. 50-SG-G3			
GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes **GS-G-1.3** Regulatory Inspection of Nuclear Facilities and Enforcement by the Regulatory Body (2002) Ex DS289 Published in English, Chinese, French, Russian, Spanish Supersedes Safety Series No. 50-SG-G4 (Rev. 1)			
GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes **GS-G-1.4** Documentation for Use in Regulating Nuclear Facilities (2002) Ex DS290 Published in English, Chinese, French, Russian, Spanish Supersedes Safety Series Nos. 50-SG-G8 and 50-SG-G9			

GSG-12: Organisation, Management and Staffing of a Regulatory Body for Safety (2018) Ex DS472 Published in Chinese, English, French, Russian, Spanish and **GSG-13**: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersede **GS-G-1.5** Regulatory Control of Radiation Sources (2004) Ex DS67 Published in Arabic, English, French, Spanish Co-sponsorship: FAO, ILO, PAHO & WHO			
GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes partly **WS-G-5.1** Release of Sites from Regulatory Control upon the Termination of Practices (2006) Ex DS332 Published in Chinese, English, Russian, Spanish	**DS542**: Release of Sites from Regulatory Control on Termination of Activities in Planned Exposure Situation, revision of WS-G-5.1 dpp	Step 5: preparing the draft V. Ljubenov	WASSC, RASSC
GSG-12: Organisation, Management and Staffing of a Regulatory Body for Safety (2018) Ex DS472 Published in Chinese, English, French, Russian, Spanish Supersedes **GSG-4** Use of External Experts by the Regulatory Body (2013) Ex DS429 Published in English			
GSG-6: Communication and Consultation with Interested Parties by the Regulatory Body (2017) Ex DS460 Published in Chinese, English, French, Russian, Spanish			

New: Regulatory Experience Feedback Management

NPPs | RRs | FCFs | WDFs | MM | RS | TR

	DS547: Regulatory Experience Feedback Management dpp	STEP 7: First review of the draft by the RC(s) K. Alm Lytz	NUSSC RASSC, WASSC, TRANSSC, EPReSC NSGC

3. Categorization of Radioactive Sources

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Revision; if necessary, of RS-G-1.9 Categorization of Radioactive Sources (2005)

RS-G-1.9 Categorization of Radioactive Sources (2005) Ex DS343 Published in Arabic, English, French, Chinese, Russian, Spanish			

4. Application of the Concepts of Exclusion, Exemption and Clearance

NPPs | RRs | FCFs | WDFs | MM | RS | TR

General philosophy and table in RS-G-1.7 (2004) should be incorporated into the BSS. RS-G-1.7. remains

GSG-17 INTERNATIONAL ATOMIC ENERGY AGENCY, Application of the Concept of Exemption, IAEA Safety Standards Series No. GSG-17, IAEA, Vienna (2023). Ex DS499 Published in English And **GSG-18** INTERNATIONAL ATOMIC ENERGY AGENCY, Application of the Concept of Clearance, IAEA Safety Standards Series No. GSG-18, IAEA, Vienna (2023). Ex DS500 Published in English Supersede **RS-G-1.7** Application of the Concepts of Exclusion, Exemption and Clearance (2004) Ex DS161 Published in Chinese English, Russian, Spanish			

5. Protection of the Public and the Environment

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Should cover general guidance on optimization and on the use of dose constraints

Should include WS-G-2.3 -Regulatory control of radioactive discharges to the environment (2000)

It should also include DS421 and DS432.

GSG-9 Regulatory Control of Radioactive Discharges to the Environment (2018) Ex DS442 Published in Chinese, English, French, Russian Co-sponsorship: UN Environment supersedes **WS-G-2.3** Regulatory Control of Radioactive Discharges to the Environment (2000) Ex DS25 Published in Arabic, Chinese, English, French, Russian Spanish Supersedes Safety Series No. 77			
SSG-32 Protection of the Public against Exposure Indoors due to Radon and Other Natural Sources of Radiation (2015) Ex DS421 Published in Chinese, English, French, Spanish Co-sponsorship: WHO			

GSG-8 Radiation Protection of the Public and the Environment (2018) Ex DS432 Published in Chinese, English, French, Russian, Spanish Co-sponsorship: UNEP			
SSG-60 Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and other Activities (2021) Ex DS459 Published in Chinese, English Supersedes **WS-G-1.2** Management of Radioactive Waste from the Mining and Milling of Ores (2002) Ex DS277 Published in English, Russian, Spanish Supersedes Safety Series No. 85			

6. Application of the Management System for Facilities and Activities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Revision of GS-G-3.1, as necessary and incorporation at a later stage of GS-G-3.2 on Management System for Technical Services (2008), GS-G-3.3 on Management System for the Processing, Handling and Storage of Radioactive Waste (2008), GS-G-3.4 on Management System for the Disposal of Radioactive Waste (2008) and of TS-G-1.4 on The Management System for the Safe Transport of Radioactive Material (2008), all recently published.

GS-G-3.1 Application of the Management System for Facilities and Activities. (2006) Ex DS339 Published in English, Spanish, Russian (Supersedes Safety Series 50-SG-Q1 to Q7)	**DS513:** Leadership, Management and Culture for Safety dpp	STEP 8: Soliciting comments by Member States (deadline for comments 29 November 2024) I. Kubanova	NUSSC RASSC WASSC TRANSSC EPReSC NSGC
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in Chinese, English, French, Russian Co-sponsorship: ILO Supersedes **GS-G-3.2** The Management System for Technical Services in Radiation Safety (2008) Ex DS315 Published in English, French, Russian			

GSG-16 Leadership, Management and Culture for Safety in Radioactive Waste Management (2022) Ex DS477 Published in English Supersedes **GS-G-3.3** The Management System for the Processing, Handling and Storage of Radioactive Waste (2008) Ex DS336 Published in English, Russian and **GS-G-3.4** The Management System for the Disposal of Radioactive Waste (2008) Ex DS337 Published in English, Russian			
TS-G-1.4 The Management System for the Safe Transport of Radioactive Material (2008) Ex DS326 Supersedes Safety Series No.113 Published in English, Russian, Spanish	**DS530:** The Management System for the Safe Transport of Radioactive Material, revision of TS-G-1.4 dpp	Step 5: preparing the draft E. Reber	TRANSSC NSGC

7. Occupational Radiation Protection in Facilities and Activities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

DS453 to combine and supersede Safety Guides – RS-G-1.1 Occupational Radiation Protection (1999), RS-G-1.2 Assessment of Occupational Exposure Due to Intakes of Radionuclides (1999), RS-G-1.3 Assessment of Occupational Exposure Due to External Sources of Radiation (1999), RS-G-1.6 Occupational Radiation Protection in the Mining and Processing of Raw Materials (2004) and GS-G-3.2 The Management System for Technical Services in Radiation Safety (2008)

GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian, Spanish Co-sponsorship: ILO Supersedes **RS-G-1.1** Occupational Radiation Protection (1999) Ex DS69 Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: Int. Labour Office			
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO Supersedes **RS-G-1.2** Assessment of Occupational Exposure due to Intakes of Radionuclides (1999) Ex DS85 Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: Int. Labour Office			

GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO Supersedes **RS-G-1.3** Assessment of Occupational Exposure due to External Sources of Radiation (1999) Ex DS12 Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: Int. Labour Office			
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO Supersedes **RS-G-1.6** Occupational Radiation Protection in the Mining and Processing of Raw Materials (2004) Ex DS17 Published in English, Spanish Co-sponsorship: ILO - Supersedes Safety Series No. 26			
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO Supersedes **GS-G-3.2** The Management System for Technical Services in Radiation Safety (2008) Ex DS315 Published in English, French, Russian			
	DS519: Protection of Workers against Exposure due to Radon dpp	STEP 12b1: Approved by the CSS To be edited and submitted to the CSS for silence approval O. Guzmán López-Ocón draft	RASSC

8. Integrated Safety Assessment and Decision Making

NPPs | RRs | FCFs | WDFs | MM | RS | TR

New document. It will include several proposals on safety assessment as well as WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material (2008) and the amended content of “old” DS365, according to the agreement of 25 NUSSC.

WS-G-5.2 Safety Assessment for the Decommissioning of Facilities Using Radioactive Material (2008) Ex DS376 Published in Chinese, English, Russian,, Spanish	See project DS555		

9. Environmental and Source Monitoring for Purposes of Radiation Protection

NPPs | RRs | FCFs | WDFs | MM | RS | TR

To revise RS-G-1.8 Environmental and Source Monitoring for Purposes of Radiation Protection (2005)

RS-G-1.8 Environmental and Source Monitoring for Purposes of Radiation Protection (2005) Ex DS62 Published in English, Russian, Spanish	**DS505:** Radiological Monitoring for Protection of the Public and the Environment, revision of RS-G-1.8 dpp	STEP 11: Second review of the draft by the RC(s) J. Calabria	WASSC, RASSC, NUSSC, EPReSC

10. Criticality Safety for Nuclear Facilities and Activities Handling Fissionable Material

NPPs | RRs | FCFs | WDFs | MM | RS | TR

SSG-27 (Rev. 1) Criticality Safety in the Handling of Fissile Material (2022) Ex DS516 Published in Chinese, English Supersedes **SSG-27** Criticality Safety in the Handling of Fissile Material (2014) Ex DS407 Published in English			

11. GSG-1: Classification of Radioactive Waste (2009)

Ex DS390
Published in Chinese, English, French, Russian, Spanish
Supersedes 111-G-1.1 Classification of Radioactive Waste

NPPs | RRs | FCFs | WDFs | MM | RS | TR

11b New Safety Guide National Policies and Strategies for the Safety of Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation

NPPs | RRs | FCFs | WDFs | MM | RS | TR

	DS526: National Policies and Strategies for the Safety of Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation dpp	STEP 5: Preparing the draft D Bennett	WASSC, EPReSC, RASSC, NUSSC, NSGC

12. Predisposal Management of Radioactive Waste and Safety of Associated Facilities

NPPs | RRs | FCFs | WDFs | MM | RS | TR

To combine and supersede Safety Guides WS-G-2.5 Predisposal management of low and intermediate level radioactive waste (2003) WS-G-2.6 Predisposal management of high level radioactive waste (2003) and GS-G-3.3 The Management System for the Processing, Handling and Storage of Radioactive Waste (2008).

In addition, external events for nuclear waste facilities should be considered.

It will also include WS-G-6.1 Storage of Radioactive Waste (2006) and GSG-3 on Safety Case and Safety Assessment for Predisposal Management of Radioactive Waste.

SSG-40: Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors (2016) Ex DS448 Published in Chinese, English, Russian Supersedes **WS-G-2.5** Predisposal Management of Low and Intermediate Level Radioactive Waste (2003) Ex DS159 Published in English ,Russian, Spanish			
SSG-41: Predisposal Management of Radioactive Waste from Nuclear Fuel Cycle Facilities (2016) Ex DS447 Published in Chinese, English Supersedes **WS-G-2.6**.Predisposal Management of High Level Radioactive Waste (2003) Ex DS163 Published in English, Russian, Spanish			
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO Supersedes **GS-G-3.2** The Management System for Technical Services in Radiation Safety (2008) Ex DS315 Published in English, French, Russian			
WS-G-6.1 Storage of Radioactive Waste (2006) Ex DS292 Published in Chinese, English; Russian, Spanish	**DS550**: Storage of Radioactive Waste dpp	Step 5: preparing the draft A. Guskov	WASSC, RASSC, EPReSC, NUSSC, NSGC
GSG-3 The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste (2013) Ex DS284 Published in Chinese, English, French, Spanish	**DS553**: The Safety Case and Safety Assessment for the Predisposal Management of Radioactive Waste, revision of GSG-3 dpp	Step 5: preparing the draft A. Guskov	WASSC, RASSC, EPReSC, NSGC

13. Arrangements for Preparedness for Nuclear or Radiological Emergencies

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Revision, as necessary of GS-G-2.1 Arrangements for Preparedness for Nuclear or Radiological Emergencies (2006)

It will also include GSG-2 Criteria for Use in Preparedness and Response to a Nuclear or Radiological Emergency

GS-G-2.1 Arrangements for Preparedness for a Nuclear or Radiological Emergency (2007) Ex DS105 Published in English, Russian, Spanish Co-sponsorship: FAO, ILO, PAHO, OCHA, WHO (Supersedes Safety Series Nos. 50-SG-G6, 50 SG-O6 and 98)	**DS504:** Arrangements for Preparedness and Response for a Nuclear or Radiological Emergency, revision of GS-G-2.1 dpp	STEP 9: Addressing comments by Member States M. Assi	EPReSC RASSC, WASSC, TRANSSC, NUSSC, NSGC

GSG-2 Criteria for Use in Preparedness and Response for a Nuclear or Radiological Emergency (2011) Ex DS44 Published in Arabic, English, French, Russian, Spanish Co-sponsorship: FAO, ILO, PAHO, WHO Supersedes **SS109** Intervention Criteria in a Nuclear or Radiation Emergency (1994)	**DS527:** Criteria for Use in Preparedness and Response for a Nuclear or Radiological Emergency dpp	STEP 7: First review of the draft by the RC(s) F. Stephani	EPReSC, RASSC, TRANSSC, WASSC, NSGC
	DS534: Protection Strategy for a Nuclear or Radiological Emergency dpp	Step 5: Preparing the draft A. Baciu	All RCs

14. Arrangements for Response to Radiation Emergencies

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Two new safety guides:

GSG-11: Arrangements for the Termination of a Nuclear of Radiological Emergency (2018) Ex DS474 Published in Chinese, English, Russian, Spanish Co-sponsorship: FAO, ICAO, ILO, IMO, INTERPOL, OECD/NEA, OCHA, WHO, WMO			
GSG-14: Arrangements for Public Communications in Preparedness and Response for a Nuclear or Radiological Emergency (2020) Ex DS475 Published in Chinese, English, Russian Co-sponsorship: FAO, ICAO, INTERPOL, CTBTO, UNOOSA			

15. Remediation Process for Areas Affected by Past Activities and Accidents

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Revision, as necessary of WS-G-3.1 Remediation Process for Areas Affected by Past Activities and Accidents (2007)

GSG-15 Remediation Strategy and Process for Areas Affected by Past Activities or Events (2022) Ex DS468 Published in Chinese, English Co-sponsorship: FAO, UNDP, UNEP, OCHA Supersedes **WS-G-3.1** Remediation Process for Areas affected by Past Activities and Accidents (2007) Ex DS172 Published in English, Spanish			

15a Long Term Post-Remediation Management of Areas Affected by Past Activities or Events

New Safety Guide

NPPs | RRs | FCFs | WDFs | MM | RS | TR

	DS538: Long Term Post-Remediation Management of Areas Affected by Past Activities or Events dpp	STEP 5: Preparing the draft O. German	WASSC, RASSC, EPReSC

15b Radiation Protection and Safety in Existing Exposures Situations

NPPs | RRs | FCFs | WDFs | MM | RS | TR

	DS544: Radiation Protection and Safety in Existing Exposure Situations dpp	STEP 5: Preparing the draft O. Guzmán López-Ocón	RASSC, WASSC, EPReSC

15c Management of the interfaces between nuclear and radiation safety and nuclear security

New Safety Guide

NPPs | RRs | FCFs | WDFs | MM | RS | TR

	DS533/NST067: Management of the interfaces between nuclear and radiation safety and nuclear security dpp	STEP 5: Preparing the draft K. Horvath	NSGC EPReSC NUSSC RASSC, WASSC, TRANSSC

13. Specific Safety Guides

16. Site Survey and Site Selection for Nuclear Installations

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Revision of Safety Series 50-SG-S9 (1984).

SSG-35: Site Survey and Site Selection for Nuclear Installations (2015) Ex DS433 Published in Chinese, English, Russian			

17. SSG-21 Volcanic Hazard in Site Evaluation for Nuclear Installations (2012)

NPPs | RRs | FCFs | WDFs | MM | RS | TR

Ex DS405
Published in Chinese, English, Russian

18. SSG-9 (Rev. 1) Seismic Hazards in Site Evaluation for Nuclear Installations (2021)

NPPs | RRs | FCFs | WDFs | MM | RS | TR

SSG-9 (Rev. 1) Seismic Hazards in Site Evaluation for Nuclear Installations (2022) Ex DS507 Published in Chinese, English Supersedes SSG-9 Seismic Hazards in Site Evaluation for Nuclear Installations (2010) Ex DS422 Published in English Supersedes NS-G-3.3 Evaluation of Seismic Hazard for Nuclear Power Plants (2002) Ex DS302 Published in English, Russian which Superseded Safety Series No. 50-SG-S1 (Rev. 1)			

19. SSG-18 Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations (2011)

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-18 Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations (2011) Ex DS417 Published in Chinese, English, Russian Superseedes **NS-G-3.4** Meteorological Events in Site Evaluation for Nuclear Power Plants (2003) Ex DS184 Published in English, Russian Supersedes Safety Series Nos. 50-SG-S11A &-S11B and **NS-G-3.5** Flood Hazard for Nuclear Power Plants on Coastal and River Sites (2003) Ex DS280 Published in English, Russian Supersedes Safety Series Nos. 50-SG-S10A & S10B	**DS541**: Assessment of Meteorological and Hydrological Hazards in Site Evaluation for Nuclear Installations, revision of SSG-18 dpp	Step 5: preparing the draft K. Nagasawa	NUSSC, WASSC

20. Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To supersede NS-G-3.6 Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants (2004)

NS-G-3.6 Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants (2004) Ex DS300 Published in Chinese English, Russian Supersedes Safety Series No. 50-SG-S8	**DS531:** Geotechnical Aspects in siting and Design of Nuclear Installations, revision of NS-G-3.6 dpp	STEP 11: Second review of the draft by the RC(s) N. Stoeva	NUSSC WASSC

21. External Human Induced Events in Site Evaluation for Nuclear Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To supersede NS-G-3.1 External Human Induced Events in Site Evaluation for Nuclear Power Plants (2002)

SSG-79 Hazards Associated with Human Induced External Events in Site Evaluation for Nuclear Installations (2023) Ex DS520 Published in English Supersedes **NS-G-3.1** External Human Induced Events in Site Evaluation for Nuclear Power Plants (2002) Ex DS258 Published in Chinese English, French, Russian Supersedes Safety Series No. 50-SG-S5			

22. Construction of Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New safety guide

SSG-38: Construction for Nuclear Installations (2015) Ex DS441 Published in Chinese, English, Russian			

23. Design of the Reactor Coolant System and Associated Systems in Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To keep the current safety guide NS-G-1.9, Design of the Reactor Coolant System and Associated Systems in Nuclear Power Plants (2004) and to update it as and when it is necessary

SSG-56: Design of the Reactor Coolant System and Associated Systems for Nuclear Power Plants (2020) Ex DS481 Published in Chinese, English, Russian Supersedes **NS-G-1.9** Design of the Reactor Coolant System and Associated Systems in Nuclear Power Plants (2004) Ex DS282 Published in English Russian, Spanish Supersedes Safety Series Nos. 50-SG-D6 and 50-SG-D13			

24. Design of Reactor Containment Systems and other Buildings for NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-53: Design of the Reactor Containment and Associated Systems for Nuclear Power Plants (2019) Ex DS482 Published in Chinese, English, Russian Supersedes **NS-G-1.10** Design of Reactor Containment Systems for Nuclear Power Plants (2004) Ex DS296 Published in English Russian Supersedes Safety Series No. 50-SG-D12			

25. Design of Auxiliary and Supporting Systems in Nuclear Power Plants

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New safety guide

SSG-62: Design of Auxiliary Systems and Supporting Systems for Nuclear Power Plants (2020) Ex DS440 Published in Chinese, English			

26. Design of Electric Power Systems for Nuclear Power Plants

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New Safety Guide that will replace current Safety Guide NS-G-1.8 Design of emergency power systems for NPPs", (2004), it will expand the scope to include cables, cables trays, etc.

SSG-34: Design of Electrical Power Systems for Nuclear Power Plants (2016) Published in Chinese, English Ex DS430 Supersedes **NS-G-1.8** Design of Emergency Power Systems for Nuclear Power Plants (2004) Ex DS303 Published in English, Russian Supersedes Safety Series No 50-SG-D7 (Rev. 1)			

27. Design of I&C Systems for Nuclear Power Plants

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New safety guide. It will combine and supersede the current 2 safety guides:

- NS-G-1.1 – Software for computer based systems important to safety in NPPs (2000),

- NS-G-1.3 – "Instrumentation and control systems important to safety in NPPs", (2002).

SSG-39: Design of Instrumentation and Control Systems for Nuclear Power Plants (2016) Published in Chinese, English, Russian Ex **DS431** Supersedes **NS-G-1.1** Software for Computer Based Systems Important to Safety in Nuclear Power Plants (2000) Ex DS264 Published in Chinese English, French **NS-G-1.3** Instrumentation and Control Systems Important to Safety in Nuclear Power Plants (2002) Ex DS252 Published in Chinese English, French, Russian Supersedes Safety Series Nos. 50-SG-D3 and D8			

27b. Human Factors Engineering in Nuclear Power Plants

New safety guide

SSG-51 Human Factors Engineering in the Design of Nuclear Power Plants (2019) Ex DS492 Published in Chinese, English			

27c. Equipment Qualification for Nuclear Installations

New Safety Guide

SSG-69 Equipment Qualification for Nuclear Installations (2021) Ex DS514 Published in Chinese, English			

28. Protection against Internal and External Hazards in the Design of Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

The initial idea was to have a new safety guide that would combine and supersede the current 4 safety guides:

- NS-G-1.5 External events excluding earthquakes in the design of NPPs (2003);

- NS-G-1.6 Seismic design and qualification for NPPs (2003);

- NS-G-1.7 Protection against Internal Fires and Explosions in the Design of NPPs;

- NS-G-1.11 Protection against Internal Hazards other than fires and Explosions in the Design of NPPs ; and

But the detailed analysis led to the following proposal in terms of DPPs

SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes (2021) Ex DS498 Published in Chinese, English Supersedes **NS-G-1.5** External Events Excluding Earthquakes in the Design of Nuclear Power Plants (2003) Ex DS301 Published in English, Russian Supersedes Safety Series No. 50-SG-D5 (Rev. 1)			
SSG-67: Seismic Design for Nuclear Installations (2021) Ex DS490 Published in Chinese, English Supersedes **NS-G-1.6** Seismic Design and Qualification for Nuclear Power Plants (2003) Ex DS304 Published in English, Russian Supersedes Safety Series No. 50-SG-D15			
SSG-64: Protection against Internal Hazards in the Design of Nuclear Power Plants (2021) Ex DS494 Published in Chinese, English Supersedes **NS-G-1.7** Protection Against Internal Fires and Explosions in the Design of Nuclear Power Plants (2004) Ex DS306 Published in English, Russian Supersedes Safety Series No.50-SG-D2 (Rev. 1) And **NS-G-1.11** Protection against Internal Hazards other than Fires and Explosions in the Design of Nuclear Power Plants (2004) Ex DS299 Published in English Supersedes Safety Series No. 50-SG-D4			

29. Design of fuel storage systems in NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-63: Design of Fuel Handling and Storage Systems for Nuclear Power Plants (2020) Ex DS487 Published in Chinese, English Supersedes **NS-G-1.4** Design of Fuel Handling and Storage Systems for Nuclear Power Plants (2003) Ex DS276 Published in English, Russian, Spanish Supersedes Safety Series No. 50-SG-D10			

30. Radiation Protection Aspects for the Design of NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

It will combine and supersede the current documents:

- Safety Guide NS-G-1.13 – “Radiation Protection Aspects, (2005);

- The radiation protection aspect covered in NS-G-2.7 Radiation Protection and Radioactive Waste Management in the Operation of Nuclear Power Plants (2002), and include guidance occupational exposure

SSG-90 Radiation Protection Aspects of Design for Nuclear Power Plants (2024) Ex DS524 Published in English Supersedes **NS-G-1.13** Radiation Protection Aspects of Design for Nuclear Power Plants (2005) Ex DS313 Published in English; Russian Supersedes Safety Series No. 50-SG-D9 and No. 79			
GSG-7 Occupational Radiation Protection (2018) Ex DS453 Published in English, Russian Co-sponsorship: ILO and **SSG-40**: Predisposal Management of Radioactive Waste from Nuclear Power Plants and Research Reactors (2016) Ex DS448 Published in Chinese, English, Russian Supersede **NS-G-2.7** Radiation Protection and Radioactive Waste Management in the Operation of Nuclear Power Plants (2002) Ex DS187 Published in English, Russian, Spanish Supersedes Safety Series Nos. 50-SG-O5 and O11			

31. Radioactive Waste Management Aspects for the Design of NPPs, Research Reactors and Waste Management Systems

NPPs	RRs	FCFs	WDFs	MM	RS	TR

It will combine and supersede the current documents:

- Safety Series No.79 – “Design of radioactive waste management systems at NPPs”, (1986) incorporated into NS-G-1.13.

- Waste management related aspects covered by the Safety Guide NS-G-4.6 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2008)

- appropriate parts of WS-G-2.1 Decommissioning of Nuclear Power Plants and Research Reactors

SSG-90 Radiation Protection Aspects of Design for Nuclear Power Plants (2024) Ex DS524 Published in English Supersedes **NS-G-1.13** Radiation Protection Aspects of Design for Nuclear Power Plants (2005) Ex DS313 Published in English; Russian Supersedes Safety Series No. 50-SG-D9 and No. 79			
SSG-85 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2023) Ex DS509f Published in English Supersedes **NS-G-4.6** Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2008) Ex DS340 Published in English			
SSG-47 Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities (2018) Ex DS452 Published in Chinese, English, Russian Supersedes both WS-G-2.1 and WS-G-2.4 **WS-G-2.1** Decommissioning of Nuclear Power Plants and Research Reactors (1999) Ex DS257 Published in Arabic, Chinese, English, French, Russian Supersedes Safety Series Nos. 74 and 105			

32. Removed. See item 29

33. Design of Reactor Core for NPPs and Core Management

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-52: Design of the Reactor Core for Nuclear Power Plants (2019) Ex **DS488** Published in Chinese, English Supersedes **NS-G-1.12** Design of the Reactor Core for Nuclear Power Plants (2005) Ex DS283 Published in Chinese, English, Russian Supersedes Safety Series No. 50-SG-D14			

34. Storage of Spent Fuel

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-15 (Rev. 1) Storage of Spent Nuclear Fuel (2020) Published in Chinese, English Ex DS489 Supersedes **SSG-15** Storage of Spent Nuclear Fuel (2012) Ex DS371 Published in English, Spanish Superseded **116** Design of Spent Fuel Storage Facilities (1994) **117** Operation of Spent Fuel Storage Facilities (1994) **118** Safety Assessment for Spent Fuel Storage Facilities: A Safety Practice (1995)			

35. Safety Classification of Structures, Systems and Components in Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

DS367: Finalize the guide for NPP and extend to installations in future.

SSG-30 Safety Classification of Structures, Systems and Components in Nuclear Power Plants (2014) Published in Chinese, English, Russian, Spanish Ex DS367			

36. Content of the Safety Analysis Report for Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Revision of the current GS-G-4.1 Format and Content of the Safety Analysis Report for Nuclear Power Plants (2004) to reflect new developments and a more precise scope.

It will also include the technical part of SSG-12, the process part being in 2

SSG-61: Format and Content of the Safety Analysis Report for Nuclear Power Plants (2021) Ex DS449 Published in Chinese, English, Russian Supersedes **GS-G-4.1** Format and Content of the Safety Analysis Report for Nuclear Power Plants (2004) Ex DS309 Published in Chinese English Supersedes Safety Series No. 50-SG-G2			
GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes **GS-G-1.4** Documentation for Use in Regulating Nuclear Facilities (2002) Ex DS290 Published in English, Chinese, French, Russian, Spanish Supersedes Safety Series Nos. 50-SG-G8 and 50-SG-G9			

GSG-13: Functions and Processes of the Regulatory Body for Safety (2018) Ex DS473 Published in Chinese, English, French, Russian, Spanish Supersedes partly **SSG-12** Licensing Process for Nuclear Installations (2010) Ex DS416 Published in Chinese, English, Russian, Spanish	**DS539**: Licensing Process for Nuclear Installations dpp	STEP 7: First review of the draft by the RC(s) B. Rini	NUSSC, RASSC, TRANSSC, WASSC, EPReSC, NSGC

37. SSG-2 Deterministic Safety Analysis for Nuclear Power Plants (2009)

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-2 (Rev. 1): Deterministic Safety Analysis for Nuclear Power Plants (2019) Ex DS491 Published in Chinese, English, Russian Supersedes **SSG-2** Deterministic Safety Analysis for Nuclear Power Plants (2009) Ex DS395 Published in English, Russian, Spanish Supersedes **NS-G-1.2** Safety Assessment and Verification for Nuclear Power Plants (2001) Ex DS253 Published in Chinese, English, French, Russian, Spanish Which superseded the Safety Series No. 50-SG-D11			

38. Probabilistic Safety Assessment for NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Combine SSG-3 and SSG-4 and add level 3 PSA.

SSG-3 (Rev. 1) Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants (2024) Ex DS523 Published in English Supersedes **SSG-3** Development and Application of Level 1 Probabilistic Safety Assessment for Nuclear Power Plants (2010) Ex DS394 Published in English, Russian			

SSG-4 Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants (2010) Ex DS393 Published in English, Russian	**DS528:** Development and Application of Level 2 Probabilistic Safety Assessment for Nuclear Power Plants dpp	STEP 12a: Submission to /endorsement by the Publications Committee STEP 12b1: Submission to /approval by the CSS J. Luis Hernandez	NUSSC

38a. Assessment of the Safety Approach for Design Extension Conditions and Application of the Practical Elimination Concept in the Design of Nuclear Power Plants

New Safety guide

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-88 Design Extension Conditions and the Concept of Practical Elimination in the Design of Nuclear Power Plants (2024) Ex DS508 Published in English			

38b Safety Demonstration of Innovative Technology in Power Reactor Designs

New Safety Guide

NPPs	RRs	FCFs	WDFs	MM	RS	TR

	DS537: Safety Demonstration of Innovative Technology in Power Reactor Designs dpp	STEP 7: First review of the draft by the RC(s) S. Poghosyan	NUSSC, TRANSSC, WASSC, NSGC

39. Radiological Environmental Impact Analysis for Facilities and Activities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To supersede partly Safety Guide NS-G-3.2 Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for NPPs (2002)

GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities (2018) Ex DS427 Published in Chinese, English, French, Russian Co-sponsorship: UNEP			
NS-G-3.2 Dispersion of Radioactive Material in Air and Water and Consideration of Population Distribution in Site Evaluation for Nuclear Power Plants (2002) Ex DS182 Published in English, Russian Supersedes Safety Series Nos. 50-SG-S3, S4, S6 & S7	**DS529:** Investigation of Site Characteristics and Evaluation of Radiation Risks to the Public and the Environment in Site Evaluation for Nuclear Installations dpp	STEP 11: Second review of the draft by the RC(s) S. McDuffie	NUSSC, RASSC, WASSC, EPReSC

40. Periodic Safety Review of NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Revision of NS-G-2.10 Periodic Safety Review of Nuclear Power Plants (2003) (SSG-25) would includes LTO related issues

SSG-25 Periodic Safety Review for Nuclear Power Plants (2013) Ex DS426 Published in Chinese, English, Russian, Spanish Supersedes **NS-G-2.10** Periodic Safety Review of Nuclear Power Plants (2003) Ex DS307 Published in English, Russian Supersedes Safety Series No. 50-SG-O12	**DS535**: Periodic Safety Review for Nuclear Power Plants, revision of SSG-25 dpp	Step 5: preparing the draft M. Gajdos	NUSSC, RASSC, WASSC, EPReSC, NSGC

41. Seismic Evaluation of Existing Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-89 Evaluation of Seismic Safety for Nuclear Installations (2024) Ex DS522 Published in English Supersedes **NS-G-2.13** Evaluation of Seismic Safety for Existing Nuclear Installations (2009) Ex DS383 Published in English, Russian			

New 41.a Safety Evaluation of Nuclear Installations for External Events Excluding Earthquakes

NPPs	RRs	FCFs	WDFs	MM	RS	TR

	DS552: Safety Evaluation of Nuclear Installations for External Events Excluding Earthquakes dpp	Step 5: preparing the draft. M. Salmon	NUSSC, WASSC

42. The Management System for Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Finalize document DS349. Draft being published.

Then include the revision of the Safety Guides NS-G-2.4 The operating organization for NPPs (2001), with guidance on operational decision making, management of change and self-assessment.

Also include the revision of the Safety Guide NS-G-2.8 Recruitment, qualification and training of personnel for NPPs (2002), with guidance on knowledge management in the revised guide.

And include the revision of the Safety Guide NS-G-4.5 The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors.

GS-G-3.5 The Management System for Nuclear Installations (2009). Ex DS 349 Published in English, Russian, Spanish Supersedes **50-SG-Q, Safety Guides Q8-Q14 (1996),** [**Q8** Research and Development, **Q9** Siting, **Q10** Design, **Q11** Construction, **Q12** Commissioning, **Q13** Operation, and **Q14** Decommissioning]			

SSG-72 The Operating Organization for Nuclear Power Plants (2022) Ex DS497c Published in Chinese, English Supersedes **NS-G-2.4** The Operating Organization for Nuclear Power Plants (2001) Ex DS250 Published in Chinese, English, French, Russian Supersedes Safety Series No. 50-SG-O9			
SSG-75 Recruitment, Qualification and Training of Personnel for Nuclear Power Plants (2022) Ex DS497f Published in Chinese, English Supersedes **NS-G-2.8** Recruitment, Qualification and Training of Personnel for Nuclear Power Plants (2002) Ex DS287 Published in English, Russian Supersedes Safety Series No. 50-SG-O1 (Rev. 1)			
SSG-84 The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors Published in English Ex DS509e Supersedes **NS-G-4.5** The Operating Organization and the Recruitment, Training and Qualification of Personnel for Research Reactors (2008) Ex DS325 Published in English			

43. Commissioning for NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To supersede Safety Guide NS-G-2.9 Commissioning of NPPs (2003)

SSG-28 Commissioning for Nuclear Power Plants (2014) Published in Chinese, English, Russian Ex DS446 Supersedes **NS-G-2.9** Commissioning for Nuclear Power Plants (2003) Ex DS291 Published in English Supersedes Safety Series No. 50-SG-O4			

44. Operation of NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Combine and supersede Safety Guides NS-G-2.2 Operational limits and conditions and operating procedures for NPPs (2000), NS-G-2.14 Conduct of Operations at Nuclear Power Plants (2008), NS-G-2.1 Fire safety in operation of NPPs (2000) and SSG-13 Chemistry Programme for Water Cooled Nuclear Power Plants and include guidance on configuration management and on transition from operation to decommissioning.

SSG-76 Conduct of Operations at Nuclear Power Plants (2022) Ex DS497g Published in Chinese, English Supersedes **NS-G-2.14** Conduct of Operations at Nuclear Power Plants (2008) Ex DS347 Published in English, Russian, Spanish			
SSG-70 Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants (2022) Ex DS497a Published in Chinese, English Supersedes **NS-G-2.2** Operational Limits and Conditions and Operating Procedures for Nuclear Power Plants (2000) Ex DS185 Published in Chinese English, French, Russian, Spanish Supersedes Safety Series No. 50-SG-O3			
SSG-13 Chemistry Programme for Water Cooled Nuclear Power Plants (2011) Ex DS388 Published in English, Russian	**DS525:** Chemistry Programme for Water Cooled Nuclear Power Plants dpp	STEP 12b1: Approved by the CSS To be edited and submitted to the CSS for silence approval K. Maekelae draft	NUSSC, RASSC, WASSC
SSG-77 Protection Against Internal and External Hazards in the Operation of Nuclear Power Plants (2022) Ex DS503 Published in English, Russian Supersedes **NS-G-2.1** Fire Safety in Operation of Nuclear Power Plants (2000) Ex DS263 Published in Chinese English, French, Russian			
SSG-73 Core Management and Fuel Handling for Nuclear Power Plants (2022) Ex DS497d Published in Chinese, English Supersedes **NS-G-2.5** Core Management and Fuel Handling for Nuclear Power Plants (2002) Ex DS297 Published in English, Russian Supersedes Safety Series No. 50-SG-O10			

45. Modification and Maintenance of NPPs

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To supersede Safety Guides NS-G-2.6 Maintenance, surveillance and in-service inspection in NPPs (2002) and NS-G-2.3 Modifications to NPP (2000) and includes NS-G-2.12 Ageing Management for Nuclear Power Plants (2009)

It will also address the issues related to long term operation initially intended to be covered by DS426.

SSG-74 Maintenance, Testing, Surveillance and Inspection in Nuclear Power Plants (2022) Ex DS497e Published in Chinese, English Supersedes **NS-G-2.6** Maintenance, Surveillance and In-Service Inspection in Nuclear Power Plants (2002) Ex DS273 Published in English, Russian, Spanish Supersedes Safety Series Nos. 50-SG-O2, 50-SG-O7 (Rev. 1) and 50-SG-O8 (Rev. 1)			
SSG-71 Modifications to Nuclear Power Plants (2022) Ex DS497b Published in Chinese, English Supersedes **NS-G-2.3** Modifications to Nuclear Power Plants (2001) Ex DS251 Published in Chinese, English, French, Russian Spanish			
SSG-48: Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants (2018) Ex DS485 Published in Chinese, English, Russian Supersedes **NS-G-2.12** Ageing Management for Nuclear Power Plants (2009) Ex DS382 Published in English, Russian			

46. Feedback of Operating Experience for Nuclear Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To revise and update Safety Guide NS-G-2.11 A system for feedback of experience from events in nuclear installations (2006), and to include guidance on effective corrective action programme, low level events and near misses, and the analysis of precursors and antecedents of events in the revised safety guide.

SSG-50 Operating Experience Feedback for Nuclear Installations (2018) Ex DS479 Published in Chinese, English, Russian Supersedes **NS-G-2.11** A System for the Feedback of Experience from Events in Nuclear Installations (2006) Ex DS288 Published in English, Russian, Spanish Supersedes Safety Series No. 93			

47. On-Site Emergencies for Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To cover all aspects of on-site emergencies arising from incidents, accidents and severe accidents. This will revise NS-G-2.15.

SSG-54 Accident Management Programmes for Nuclear Power Plants (2019) Ex DS483 Published in Chinese, English, Russian Supersedes **NS-G-2.15** Severe Accident Management Programmes for Nuclear Power Plants (2009) Ex DS385 Published in English, Spanish, Russian			

48. Commissioning of Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To revise NS- G-4.1 Commissioning of Research Reactors (2006)

SSG-80 Commissioning of Research Reactors (2023) Ex DS509a Published in English Supersedes **NS-G-4.1** Commissioning of Research Reactors (2006) Ex DS259 Published in English			

Seismic Design for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

The revision of NS-G-1.6 applies now to all nuclear installations

SSG-67: Seismic Design for Nuclear Installations (2021) Ex DS490 Published in Chinese, English Supersedes **NS-G-1.6** Seismic Design and Qualification for Nuclear Power Plants (2003) Ex DS304 Published in English, Russian Supersedes Safety Series No. 50-SG-D15			

Design for Research Reactors Against External Events Excluding Earthquakes

NPPs	RRs	FCFs	WDFs	MM	RS	TR

The revision of NS-G-1.5 applies now to all nuclear installations

SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes (2021) Ex DS498 Published in Chinese, English Supersedes **NS-G-1.5** External Events Excluding Earthquakes in the Design of Nuclear Power Plants (2003) Ex DS301 Published in English, Russian Supersedes Safety Series No. 50-SG-D5 (Rev. 1)			

Equipment Qualification for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-69 applies to all nuclear Installations

SSG-69 Equipment Qualification for Nuclear Installations (2021) Ex DS514 Published in Chinese, English			

49. Radiation Protection Aspects for the Design of Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

It will combine and supersede the current documents:

- Safety Guide NS-G-1.13 Radiation Protection Aspects of Design for Nuclear Power Plants (2005)

- Radiation protection aspects of NS-G-4.6 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2008)

- and appropriate parts of WS-G-2.1 Decommissioning of Research Reactors.

SSG-90 Radiation Protection Aspects of Design for Nuclear Power Plants (2024) Ex DS524 Published in English Supersedes **NS-G-1.13** Radiation Protection Aspects of Design for Nuclear Power Plants (2005) Ex DS313 Published in English; Russian Supersedes Safety Series No. 50-SG-D9 and No. 79			
SSG-85 Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2023) Ex DS509f Published in English Supersedes **NS-G-4.6** Radiation Protection and Radioactive Waste Management in the Design and Operation of Research Reactors (2008) Ex DS340 Published in English			

SSG-47: Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities (2018) Ex DS452 Published in Chinese, English, Russian Supersedes both WS-G-2.1 and WS-G-2.4 **WS-G-2.1** Decommissioning of Nuclear Power Plants and Research Reactors (1999) Ex DS257 Published in Arabic, Chinese, English, French, Russian Supersedes Safety Series Nos. 74 and 105			

50. Safety in the Utilization (Experiments) and Modification of Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-24 (Rev. 1) Safety in the Utilization and Modification of Research Reactors (2012) Ex DS510B Published in Chinese, English supersedes **SSG-24** Safety in the Utilization and Modification of Research Reactors (2012) Ex **DS397** Published in English supersedes **35-G2** Safety in the Utilization and Modification of Research Reactors (1994)			

51. Maintenance of Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Combine and supersede Safety Guides SSG-10 Ageing Management for Research Reactors (2010) and NS-G-4.2 Maintenance, Periodic Testing and Inspections of Research. (2006)

It will also reflect ageing management and maintenance

SSG-10 (Rev. 1) Ageing Management for Research Reactors (2023) Ex DS509g Published in English Supersedes **SSG-10** Ageing Management for Research Reactors (2010) Ex DS412 Published in English			
SSG-81 Maintenance, Periodic Testing and Inspections of Research Reactors (2023) Ex DS509b Published in English Supersedes **NS-G-4.2** Maintenance, Periodic Testing and Inspections of Research Reactors (2006) Ex DS260 Published in English			

52. The Use of a Graded Approach for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Finalize document DS351.

Either a guide with large scope or to be included in each individual guide (policy decision needed)

SSG-22 (Rev .1) Use of a Graded Approach in the Application of the Safety Requirements for Research Reactors (2023) Ex DS511 Published in English Supersedes **SSG-22** Use of a Graded Approach in the Application of the Safety Requirements for Research Reactors (2012) Ex DS351 Published in English			

53. Licensing Documentation for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Combine and supersede Safety Guides NS-G-4.4 Operational Limits and Conditions and Operating Procedures for Research Reactors (2008), DS396 Safety Assessment of Research Reactors and Preparation of the Safety Analysis Report.

SSG-20 (Rev .1) Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report (2012) Ex **DS510A** Published in Chinese, English Supersedes **SSG-20** Safety Assessment for Research Reactors and Preparation of the Safety Analysis Report (2012) Ex **DS396** Published in English Supersedes **35-G1** Safety Assessment of Research Reactors and Preparation of the Safety Analysis Report (1994)			
SSG-83 Operational Limits and Conditions and Operating Procedures for Research Reactors (2023) Ex DS509d Published in English Supersedes **NS-G-4.4** Operational Limits and Conditions and Operating Procedures for Research Reactors (2008) Ex DS261 Published in English			

54. Instrumentation and Control and Software Important to Safety for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New safety guide

SSG-37 (Rev. 1) Instrumentation and Control Systems and Software Important to Safety for Research Reactors (2023) Ex DS509h Published in English Supersedes **SSG-37**: Instrumentation and Control Systems and Software Important to Safety for Research Reactors (2015) Ex DS436 Published in English			

55. Core Management and Fuel Handling for Research Reactors

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To revise Safety Guide NS-G-4.3 Core management and fuel handling for research reactors. (2008)

SSG-82 Core Management and Fuel Handling for Research Reactors (2023) Ex DS509c Published in English Supersedes **NS-G-4.3** Core Management and Fuel Handling for Research Reactors (2008) Ex DS350 Published in English			

56. Safety of Uranium and MOX Fuel Fabrication Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Combine SSG-6 and SSG-7, including decommissioning aspects.

SSG-6 (Rev. 1) Safety of Uranium Fuel Fabrication Facilities (2023) Ex DS3517b Published in English Supersedes **SSG-6** Safety of Uranium Fuel Fabrication Facilities (2010) Ex DS317 Published in English			
SSG-7 (Rev. 1) Safety of Uranium and Plutonium Mixed Oxide Fuel Fabrication Facilities (2023) Ex DS517c Published in English Supersedes **SSG-7** Safety of Uranium and Plutonium Mixed Oxide Fuel Fabrication Facilities Ex DS318 Published in English			

57. SSG-5 Safety of Conversion Facilities and Uranium Enrichment Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-5 (Rev. 1) Safety of Conversion Facilities and Uranium Enrichment Facilities (2023) Ex DS517a Published in English Supersedes **SSG-5** Safety of Conversion Facilities and Uranium Enrichment Facilities (2010) Ex DS344 Published in English			

58. Safety of Reprocessing Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-42 Safety of Nuclear Fuel Reprocessing Facilities (2017) Ex **DS360** Published in Chinese, English	**DS518a:** Revision of SSG-42 on Safety of Nuclear Fuel Reprocessing Facilities and SSG-43 on Safety of Nuclear Fuel Cycle Research and Development Facilities dpp	STEP 12a: Submission to /endorsement by the Publications Committee STEP 12b1: Submission to /approval by the CSS L. Valiveti	NUSSC, RASSC, WASSC, EPReSC and NSGC

59. Safety of Fuel Cycle Research and Development Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-43 Safety of Nuclear Fuel Cycle Research and Development Facilities (2017) Ex DS381 Published in Chinese, English	**DS518b:** Revision of SSG-42 on Safety of Nuclear Fuel Reprocessing Facilities and SSG-43 on Safety of Nuclear Fuel Cycle Research and Development Facilities dpp	STEP 12a: Submission to /endorsement by the Publications Committee STEP 12b1: Submission to /approval by the CSS L. Valiveti	NUSSC, RASSC, WASSC, EPReSC and NSGC

Seismic Design for Fuel Cycle Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

The revision of NS-G-1.6 applies now to all nuclear installations

SSG-67: Seismic Design for Nuclear Installations (2021) Ex DS490 Published in Chinese, English Supersedes **NS-G-1.6** Seismic Design and Qualification for Nuclear Power Plants (2003) Ex DS304 Published in English, Russian Supersedes Safety Series No. 50-SG-D15			

Design for Fuel Cycle Facilities Against External Events Excluding Earthquakes

NPPs	RRs	FCFs	WDFs	MM	RS	TR

The revision of NS-G-1.5 applies now to all nuclear installations

SSG-68 Design of Nuclear Installations Against External Events Excluding Earthquakes (2021) Ex DS498 Published in Chinese, English Supersedes **NS-G-1.5** External Events Excluding Earthquakes in the Design of Nuclear Power Plants (2003) Ex DS301 Published in English, Russian Supersedes Safety Series No. 50-SG-D5 (Rev. 1)			

Equipment Qualification for Fuel Cycle Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-69 applies to all nuclear Installations

SSG-69 Equipment Qualification for Nuclear Installations (2021) Ex DS514 Published in Chinese, English			

60. Decommissioning of Nuclear Installations

NPPs	RRs	FCFs	WDFs	MM	RS	TR

To combine and supersede Safety Guides DS402 on Decommissioning of Nuclear Power Plants and Research Reactors (to supersede WS-G-2.1 (1999)) and DS404 on Decommissioning of Nuclear Fuel Cycle Facilities (to supersede WS-G-2.4 (1999))

SSG-47 Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities (2018) Ex DS452 Published in Chinese, English, Russian Supersedes both WS-G-2.1 and WS-G-2.4 **WS-G-2.1** Decommissioning of Nuclear Power Plants and Research Reactors (1999) Ex DS257 Published in Arabic, Chinese, English, French, Russian Supersedes Safety Series Nos. 74 and 105 **WS-G-2.4** Decommissioning of Nuclear Fuel Cycle Facilities (2001) Ex DS171 Published in Chinese, English, French, Russian, Spanish			

61. Decommissioning of Facilities Using NORM

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Initially proposed as a new safety guide. RASSC30&WASSC31 meetings decided not to develop this safety guide but to add a related chapter to a relevant document under development (Rev of WS-G.1.2). See DS459.

61.b Decommissioning of Uranium Production Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR
					RS	

	DS551: Decommissioning of Uranium Production Facilities dpp	Step 5: preparing the draft Z. Fan	WASSC, RASSC, EPReSC, NUSSC

62. Near Surface Disposal of Radioactive Waste

NPPs	RRs	FCFs	WDFs	MM	RS	TR
			WDFs			

Finalize the draft DS356. Later, it will incorporate DS357 and DS355

SSG-29 Near Surface Disposal Facilities for Radioactive Waste (2014) Published in Chinese, English, Russian Ex DS356 Supersedes **111-G-3.1** Siting of Near Surface Disposal Facilities (1994)			
SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities (2014) Published in Chinese, English, Russian Ex DS357			
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste (2012) Published in Chinese, English, Russian Ex DS355 supersedes **WS-G-1.1** Safety Assessment for Near Surface Disposal of Radioactive Waste (1999) Published in Arabic, Chinese, English, French, Russian, Spanish			

63. Geological Disposal of Radioactive Waste

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG14 will later incorporate DS357 and DS355

SSG-14 Geological Disposal Facilities for Radioactive Waste (2011) Published in Chinese, English, Russian Ex DS334 Supersedes **111-G-4.1** Siting of Geological Disposal Facilities (1994)			
SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities (2014) Published in Chinese, English, Russian Ex DS357			
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste (2012) Published in Chinese, English, Russian Ex DS355 supersedes **WS-G-1.1** Safety Assessment for Near Surface Disposal of Radioactive Waste (1999) Published in Arabic, Chinese, English, French, Russian, Spanish			

64. Boreholes Disposal of Radioactive Waste

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-1 (Rev. 1) Borehole Disposal Facilities for Disused Sealed Radioactive Sources (2024) Published in English Ex DS512 supersedes **SSG-1** Borehole Disposal Facilities for Radioactive Waste (2009) Published in English Ex DS335			
SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities (2014) Published in Chinese, English, Russian Ex DS357			
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste (2012) Published in Chinese, English, Russian Ex DS355 supersedes **WS-G-1.1** Safety Assessment for Near Surface Disposal of Radioactive Waste (1999) Published in Arabic, Chinese, English, French, Russian, Spanish			

65. Disposal of Radioactive Ores

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New guide to deal with long-term exposure issues. Long-term exposure not addressed in 5 on protection of the

Public. . It will also incorporate DS357 and DS355

SSG-31 Monitoring and Surveillance of Radioactive Waste Disposal Facilities (2014) Published in Chinese, English, Russian Ex DS357			
SSG-23 The Safety Case and Safety Assessment for the Disposal of Radioactive Waste (2012) Published in Chinese, English, Russian Ex DS355 supersedes **WS-G-1.1** Safety Assessment for Near Surface Disposal of Radioactive Waste (1999) Published in Arabic, Chinese, English, French, Russian, Spanish			

66. Management of Waste from the Use of Radioactive Material in Medicine, Industry, Research, Agriculture and Education

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Revision of WS-G-2.7 Management of Waste from the Use of Radioactive Materials in Medicine, Industry, Agriculture, Research and Education (2005)

SSG-45: Predisposal Management of Waste from the Use of Radioactive Materials in Medicine, Industry, Research, Agriculture and Education (2019) Ex DS454 Published in Chinese, English supersedes **WS-G-2.7** Management of Waste from the Use of Radioactive Materials in Medicine, Industry, Agriculture, Research and Education (2005) Ex DS160 Published in Chinese English, Russian, Spanish			

67. Justification of Practices (scope to be precised in the title)

NPPs	RRs	FCFs	WDFs	MM	RS	TR

GSG-5 Justification of Practices, Including Non-Medical Human Imaging (2014) Ex DS401 Published in Chinese, English, French, Spanish			

68. Medical Uses of Ionizing Radiation

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Finalize DS399 to supersede RS-G-1.5.Radiological protection for medical exposure to Ionizing radiation (2002). The issues related to the public exposures resulting from medical application could be addressed here or in a new specific safety guide.

SSG-46 Radiation Protection and Safety in Medical Uses of Ionizing Radiation (2018) Ex DS399 Published in Chinese, English, French, Russian, Spanish Co-sponsorship: ILO, PAHO, WHO supersedes **RS-G-1.5** Radiological Protection for Medical Exposure to Ionizing Radiation (2002) Ex DS22 Published in Chinese, English, French, Russian, Spanish Co-sponsorship: ILO, PAHO & WHO			

69. SSG-8 Radiation Safety of Gamma, Electron and X ray Irradiation Facilities (2010)

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-8 Radiation Safety of Gamma, Electron and X ray Irradiation Facilities (2010) Ex DS409 Published in Chinese, English, Spanish Supersedes SS 107 Radiation Safety of Gamma and Electron Irradiation Facilities (1992)	**DS545**: Radiation Safety of Gamma, X Ray and Electron Beam Irradiation Facilities, revision of SSG-8 dpp	Step 5 Preparing the draft H. Pappinisseri	RASSC, WASSC, TRANSSC, EPReSC, NSGC

70. Radiation Generators and Sealed Radioactive Sources

NPPs	RRs	FCFs	WDFs	MM	RS	TR

RS-G-1.10 Safety of Radiation Generators and Sealed Radioactive Sources (2006) Ex DS114 Published in English, French, Spanish Declared as superseded at CSS 55 in May 2024. See here			

71. SSG-11 Radiation Safety in Industrial Radiography (2011)

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-11 Radiation Safety in Industrial Radiography (2011) Ex DS408 Published in Arabic, Chinese, English, French, Spanish	**DS540**: Radiation Safety for Industrial Radiography dpp	Step 5 Preparing the draft M. Cervera	RASSC, WASSC, TRANSSC, EPReSC, NSGC

72. Radioisotope Production Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-59: Radiation Safety of Accelerator Based Radioisotope Production Facilities (2020) Ex DS434 Published in English, Russian			

73. Well Logging

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-57: Radiation Safety in Well Logging (2020) Ex DS419 Published in English, French, Spanish			

74. Nuclear Gauges

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-58 Radiation Safety in the use of Nuclear Gauges (2020) Ex DS420 Published in English			

75. X-ray Generators and Sources Used for Inspection Purposes

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New Safety Guide

SSG-55: Radiation Safety of X-ray Generators and other Radiation Sources Used for Inspection Purposes and for Non-Medical Human Imaging (2020) Ex: DS471 Published in Chinese, English, Russian			

75b- (Not initially planned) Radiation Safety and Regulatory Control for Consumer Products

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New Safety Guide

SSG-36: Radiation Safety for Consumer Products (2016) Ex: DS458 Published in Chinese, English Co-sponsorship: OECD/NEA			

76. Radiation Sources in Research and Education

NPPs	RRs	FCFs	WDFs	MM	RS	TR

New Safety Guide

SSG-87 Radiation Safety in the Use of Radiation Sources in Research and Education Ex DS470 Published in English			

77. Decommissioning of Medical, Industrial, Research, Agriculture and Education Facilities

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Finalize DS403 to revise WS-G-2.2 Decommissioning of Medical, Industrial and Research Facilities (1999)

SSG-49 Decommissioning of Medical, Industrial and Research Facilities (2019) Ex DS403 Published in Chinese, English Supersedes **WS-G-2.2** Decommissioning of Medical, Industrial and Research Facilities (1999) Ex DS173 Published in Arabic, Chinese, English, French, Russian, Spanish			

78. Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Next revision of TS-G-1.1 (rev.1), DS425

SSG-26 (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition), IAEA Safety Standards Series No. SSG-26 (Rev. 1), IAEA, Vienna (2022) Ex DS496 Published in English Supersedes **SSG-26** Advisory Material for the IAEA Regulations for the Safety Transport of Radioactive Material, 2012 Edition (2014) Ex **DS425** Published in English, Spanish Supersedes **TS-G-1.1 (Rev.1)** Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (2008) Ex DS346 Published in English, Spanish Supersedes TS-G-1.1 (2002) and previous Safety Series Nos. 7 and 37	**DS554**: Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (20XX Edition) SSG-26 (Rev. 2), revision of SSG-26 (Rev. 1) dpp	Step 5: preparing the draft. E. Reber	TRANSSC, RASSC, WASSC, NUSSC, EPReSC, NSGC

79. Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

SSG-33 (Rev. 1) Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition) (2021) Ex DS506 Published in Chinese, English **SSG-33** Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2012 Edition) (2015) Ex DS461 Published in English **TS-G-1.6 (Rev.1)**: Schedule of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2009 Edition) (addendum and revision of TS-G-1.6) 2014 EX DS451 Published in English **TS-G-1.6** Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2005 Edition) Ex DS387 Published in English, Spanish			

80. Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Revision of TS-G-1.2 Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material (2002) may be carried out on a modular basis

SSG-65 Preparedness and Response for a Nuclear or Radiological Emergency Involving the Transport of Radioactive Material (2022) Ex DS469 Published in English Cosponsorship: ICAO, IMO Supersedes **TS-G-1.2** Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material (2002) Ex DS246 Published in English, Russian, Spanish Supersedes Safety Series No. 87			

81. Radiation Protection Programme for the Safe Transport of Radioactive Material

NPPs	RRs	FCFs	WDFs	MM	RS	TR

Revision of TS-G-1.3 Radiation Protection Programmes for Transport Radioactive Material (2007)

SSG-86 Radiation Protection Programmes for Transport Radioactive Material (2023) Ex DS521 Published in English Supersedes **TS-G-1.3** Radiation Protection Programmes for Transport Radioactive Material (2007) Ex DS377 Published in English, Spanish			

82. Compliance Assurance for the Safe Transport of Radioactive Material

SSG-78: Compliance Assurance for the Safe Transport of Radioactive Material (2023) Ex DS515 Published in English Supersedes **TS-G-1.5** Compliance Assurance for the Safe Transport of Radioactive Material (2009) Ex DS327 Published in English, Spanish Supersedes Safety Series No.112			
SSG-66: INTERNATIONAL ATOMIC ENERGY AGENCY, Format and Content of the Package Design Safety Report for the Transport of Radioactive Material, IAEA Safety Standards Series No. SSG-66, IAEA, Vienna (2022) Ex DS493 Published in Chinese, English			
	DS546: Ageing Management and Maintenance of Radioactive Material Transport Packages dpp	STEP 8: Soliciting comments by Member States (deadline for comments 10 November 2024) A. Bujnova	TRANSSC, WASSC, RASSC, NUSSC

Other standards, not maintained for the reference list for the long term:

Established IAEA Safety Standards	**Safety Standards in Preparation Working ID - Title**	**Remarks / Status / Technical Officer/ Expected date of publication**	**Committee**
SSG-19 National Strategy for Regaining Control over Orphan Sources and Improving Control over Vulnerable Sources (2011) Ex DS410 Published in Arabic, Chinese, English, French, Spanish			
SSG-17 Control of Orphan Sources and Other Radioactive Material in the Metal Recycling and Production Industries (2012) Ex DS411 Published in Arabic, Chinese, English, French, Spanish	**DS549**: Control of Orphan Sources and Other Radioactive Material in the Metal Recycling and Production Industries dpp	Step 5: preparing the draft T. Hailu	RASSC, WASSC, EPReSC, NSGC

14. Projects

DS555: Safety Guide on Safety Assessment for the Decommissioning of Facilities, Revision of WS-G-5.2, Step 3, Duriem Calderin, WASSC, NUSSC, RASSC
DS556: Safety Guide on the Safe Use of Unsealed Sources, Step 3, Jovica Bosnjak, RASSC, TRANSSC, WASSC, EPReSC, NSGC

INFORMATION ON THE STATUS OF THE NUCLEAR SECURITY SERIES

General information on the IAEA Nuclear Security Series is available at:
https://www.iaea.org/resources/nuclear-security-series

The current Version 1.3 (November 2015) of the Nuclear Security Series Glossary in English is available at:
https://www.iaea.org/resources/nuclear-security-series/glossary

Nuclear Security Fundamentals

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Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 20: INTERNATIONAL ATOMIC ENERGY AGENCY, Objective and Essential Elements of a State's Nuclear Security Regime, IAEA Nuclear Security Series No. 20, IAEA, Vienna (2013). Published in Arabic, Chinese, English, French, Russian, Spanish	Project **NST072** (NSS No. 20, Revision 1), Step 3, Katerina Kouts, all RCs		All RCs

Nuclear Security Recommendations

Nuclear Material and Nuclear Facilities

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 13: INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Revision 5), IAEA Nuclear Security Series No. 13, IAEA, Vienna (2011). Published in Arabic, Chinese, English, French, Russian, Spanish	Project **NST073** (INFCIRC/225/Revision 6) (NSS No. 13, Revision 1), Step 3, Nilgun Gerceker		All RCs

Radioactive Material and Associated Facilities

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Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 14: INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Security Recommendations on Radioactive Material and	Project **NST074** (NSS No. 14, Revision 1), Step 3, Muhammad Waseem		All RCs

Associated Facilities, IAEA Nuclear Security Series No. 14, IAEA, Vienna (2011). Published in Arabic, Chinese, English, French, Russian, Spanish			

Nuclear and Other Radioactive Material out of Regulatory Control

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 15: EUROPEAN POLICE OFFICE, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CIVIL AVIATION ORGANIZATION, INTERNATIONAL CRIMINAL POLICE ORGANIZATION–INTERPOL, UNITED NATIONS INTERREGIONAL CRIME AND JUSTICE RESEARCH INSTITUTE, UNITED NATIONS OFFICE ON DRUGS AND CRIME, WORLD CUSTOMS ORGANIZATION, Nuclear Security Recommendations on Nuclear and Other Radioactive Material out of Regulatory Control, IAEA Nuclear Security Series No. 15, IAEA, Vienna (2011). Published in Arabic, Chinese, English, French, Russian, Spanish Co-sponsorship: EUROPOL, ICAO, INTERPOL, UNICRI, UNODC, WCO	Project **NST075** (NSS No. 15, Revision 1), Step 3, Elena Paladi		All RCs

Implementing Guides and Technical Guidance

National Infrastructure for Nuclear Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 19: INTERNATIONAL ATOMIC ENERGY AGENCY, Establishing the Nuclear Security Infrastructure for a Nuclear Power Programme, IAEA Nuclear Security Series No. 19, IAEA, Vienna (2013). Ex NST010 Published in Arabic, Chinese, English, French, Russian, Spanish			

National Regulatory Framework for Nuclear Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 29-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Developing Regulations and Associated Administrative Measures for Nuclear Security, IAEA Nuclear Security Series No. 29-G, IAEA, Vienna (2018). Ex NST002 Published in Arabic, Chinese, English, French, Russian, Spanish			

Nuclear Security Culture

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 7: INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Security Culture, IAEA Nuclear Security Series No. 7, IAEA, Vienna (2008). Published in Arabic, Chinese, English, French, Russian, Spanish			
NSS No. 28-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Self-assessment of Nuclear Security Culture in Facilities and Activities, IAEA Nuclear Security Series No. 28-T, IAEA, Vienna (2017). Ex NST026 Published in Arabic, English, French, Russian, Spanish			
NSS No. 38-T: INTERNATIONAL ATOMIC ENERGY AGENCY,			

Enhancing Nuclear Security Culture in Organizations Associated with Nuclear and Other Radioactive Material, IAEA Nuclear Security Series No. 38-T, IAEA, Vienna (2021). Ex NST027 Published in English, French, Spanish			

Safety-Security Interface

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
	DS533/NST067: Management of the interfaces between nuclear and radiation safety and nuclear security	STEP 5: Preparing the draft K. Horvath	

Trustworthiness

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
	NST065: Establishment and Implementation of a Trustworthiness Programme in Nuclear Security	STEP 11: Second review of the draft by the RC(s) N Gerceker	

Threat Assessment

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 10-G (Rev. 1) INTERNATIONAL ATOMIC ENERGY AGENCY, National Nuclear Security Threat Assessment, Design Basis Threats and Representative Threat Statements, IAEA Nuclear Security Series No. 10-G (Rev. 1), IAEA, Vienna (2021). Ex NST058 Published in Arabic, Chinese, English, French, Spanish Supersedes **NSS No. 10**: INTERNATIONAL ATOMIC ENERGY AGENCY, Development, Use and Maintenance of the Design Basis Threat, IAEA			

Nuclear Security Series No. 10, IAEA, Vienna (2009). Published in Arabic, Chinese, English, French			
NSS No. 24-G: INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CRIMINAL POLICE ORGANIZATION–INTERPOL, Risk Informed Approach for Nuclear Security Measures for Nuclear and Other Radioactive Material out of Regulatory Control, IAEA Nuclear Security Series No. 24-G, IAEA, Vienna (2015). Ex NST007 Published in Arabic, Chinese, English, French, Russian Spanish Co-sponsorship: INTERPOL			

Physical Protection of Nuclear Material and Nuclear Facilities

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 27-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Physical Protection of Nuclear Material and Nuclear Facilities (Implementation of INFCIRC/225/Revision 5), IAEA Nuclear Security Series No. 27-G, IAEA, Vienna (2018). Ex NST023 Published in Arabic, Chinese, English, French, Russian, Spanish			
NSS No. 40-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Handbook on the Design of Physical Protection Systems for Nuclear Material and Nuclear Facilities, IAEA Nuclear Security Series No. 40-T, IAEA, Vienna (2021). Ex **NST055** Published in Arabic, English			
	NST071 Concepts and Application of Security by Design	Step 5	
	NST029: Evaluation of Physical Protection Systems at Nuclear Facilities	STEP 14: Publication of the nuclear security guidance G. Bultz	NSGC
	NST068 Regulatory Inspection and Enforcement During the Lifetime of a Nuclear Facility	Step 5	

NSS No. 4: INTERNATIONAL ATOMIC ENERGY AGENCY, Engineering Safety Aspects of the Protection of Nuclear Power Plants against Sabotage, IAEA Nuclear Security Series No. 4, IAEA, Vienna (2007). Published in Chinese, English	**NST063**: Identification and Categorization of Sabotage Targets, and Identification of Vital Areas at Nuclear Facilities	STEP 13: Establishing by the DDG K. Horvath	NSGC
NSS No. 16: INTERNATIONAL ATOMIC ENERGY AGENCY, Identification of Vital Areas at Nuclear Facilities, IAEA Nuclear Security Series No. 16, IAEA, Vienna (2012). Published in English, French			
NSS No. 35-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Security during the Lifetime of a Nuclear Facility, IAEA Nuclear Security Series No. 35-G, IAEA, Vienna (2019). Ex NST051 Published in Arabic, Chinese, English, French, Russian, Spanish			
	NST060: Regulatory Authorization and Inspection for Nuclear Security during the Lifetime of a Nuclear Facility	STEP 14: Publication A. Shakoor	NSGC

Nuclear Material Accounting and Control for Nuclear Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 25-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Use of Nuclear Material Accounting and Control for Nuclear Security Purposes at Facilities, IAEA Nuclear Security Series No. 25-G, IAEA, Vienna (2015). Ex NST021 Published in Arabic, Chinese, English, French, Russian, Spanish			
NSS No. 32-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Establishing a System for Control of Nuclear Material for Nuclear Security Purposes at a Facility during Use, Storage and Movement, IAEA Nuclear Security Series No. 32-T, IAEA, Vienna (2019). Ex **NST033** Published in English, French, Russian, Spanish			

Security of Radioactive Material and Associated Facilities

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 11-G (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Security of Radioactive Material in Use and Storage and of Associated Facilities, IAEA Nuclear Security Series No. 11-G (Rev. 1), IAEA, Vienna (2019). Ex NST048 Published in Arabic, Chinese, English, French, Russian, Spanish Supersedes NSS No. 11: Security of Radioactive Sources (2009) Published in Arabic, Chinese, English, French, Spanish			
NSS No. 43-T: NTERNATIONAL ATOMIC ENERGY AGENCY, Security Management of Radioactive Material in Use and Storage and of Associated Facilities, Nuclear Security Series, IAEA, Vienna (2022). Ex **NST024** Published in English, French, Spanish			

Information and Computer Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 23-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Security of Nuclear Information, IAEA Nuclear Security Series No. 23-G, IAEA, Vienna (2015). Ex NST022 Published in Arabic, Chinese, English, French, Russian, Spanish	**NST070** Information Security for Nuclear Security	STEP 8: Soliciting comments by Member States (comments due by 2 December 2024) M. Hewes	
NSS No. 42-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Computer Security for Nuclear Security, IAEA Nuclear Security Series No. 42-G, IAEA, Vienna (2021). Ex **NST045** Published in Arabic, Chinese, English, French, Spanish			
NSS No. 17-T (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Computer Security Techniques for Nuclear Facilities, IAEA Nuclear Security			

Series No. 17-T (Rev. 1), IAEA, Vienna (2021). Ex NST047 Published in Arabic, English, French, Spanish			
NSS No. 33-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Computer Security of Instrumentation and Control Systems at Nuclear Facilities, IAEA Nuclear Security Series No. 33-T, IAEA, Vienna (2018). Ex NST036 Published in English, French, Russian, Spanish The three documents NSS No. 42-G, NSS N). 17-T (Rev. 1) and NSS No. 33-T supersede **NSS No. 17**: INTERNATIONAL ATOMIC ENERGY AGENCY, Computer Security at Nuclear Facilities, IAEA Nuclear Security Series No. 17, IAEA, Vienna (2011). Published in Arabic, Chinese, English, French, Russian, Spanish			

Insider Threats

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 8-G (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Preventive and Protective Measures Against Insider Threats, IAEA Nuclear Security Series No. 8-G (Rev. 1), IAEA, Vienna (2020). Ex: **NST041** Published in Arabic, English, French, Russian, Spanish Supersedes **NSS No. 8**: **Preventive and Protective Measures against Insider Threats (2008)** Published in Chinese, English, French, Russian			

Nuclear and Other Radioactive Material out of Regulatory Control

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 36-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Preventive Measures for Nuclear and Other Radioactive Material out of Regulatory Control, IAEA Nuclear Security Series No. 36-G, IAEA, Vienna (2019).			

Ex: NST011 Published in Arabic, Chinese, English, French, Russian Spanish			
NSS No. 18: INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Security Systems and Measures for Major Public Events, IAEA Nuclear Security Series No. 18, IAEA, Vienna (2012). Published in Arabic, Chinese, English, French, Russian, Spanish	NST069: Nuclear Security Systems and Measures for Major Public Events	STEP 5: Preparing the draft	
NSS No. 6: EUROPEAN POLICE OFFICE, INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL POLICE ORGANIZATION, WORLD CUSTOMS ORGANIZATION, Combating Illicit Trafficking in Nuclear and Other Radioactive Material, IAEA Nuclear Security Series No. 6, IAEA, Vienna (2007). Published in Chinese, English Co-sponsorship: EUROPOL, INTERPOL, WCO			
NSS No. 34-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Planning and Organizing Nuclear Security Systems and Measures for Nuclear and Other Radioactive Material out of Regulatory Control, IAEA Nuclear Security Series No. 34-T, IAEA, Vienna (2019). Ex NST042 Published in English, Russian			
NSS No. 41-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Preparation, Conduct and Evaluation of Exercises for Detection of and Response to Acts Involving Nuclear and Other Radioactive Material out of Regulatory Control, IAEA Nuclear Security Series No. 41-T, IAEA, Vienna (2020). Ex NST050 Published in Arabic, English, French, Spanish			

Detection of Material out of Regulatory Control

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 21: INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Security Systems and Measures for the Detection of Nuclear and Other Radioactive			

Material out of Regulatory Control, IAEA Nuclear Security Series No. 21, IAEA, Vienna (2013). Ex NST012 Published in Arabic, Chinese, English, French, Russian Spanish			
NSS No. 44-T: Detection at State Borders of Nuclear and Other Radioactive Material out of Regulatory Control (2023) Ex **NST016** Published in English Co-sponsorship: IAEA, ICPO-INTERPOL, UNICRI, UNOCT, UNODC, WCO And **NSS No. 47-T**: Detection in a State's Interior of Nuclear and Other Radioactive Material out of Regulatory Control (2024) Ex **NST061** Published in English Co-sponsorship: EUROPOL, IAEA, ICPO-INTERPOL, UNICRI, UNOCT, UNODC Supersede **NSS No. 3**: INTERNATIONAL ATOMIC ENERGY AGENCY, UNIVERSAL POSTAL UNION, WORLD CUSTOMS ORGANIZATION, Monitoring for Radioactive Material in International Mail Transported by Public Postal Operators, IAEA Nuclear Security Series No. 3, IAEA, Vienna (2006). Published in Chinese, English Co-sponsorship: UPU, WCO			
NSS No. 1: INTERNATIONAL ATOMIC ENERGY AGENCY, Technical and Functional Specifications for Border Monitoring Equipment, IAEA Nuclear Security Series No. 1, IAEA, Vienna (2006). Published in English – available on request	**NST059**: Functional Specifications for Border Monitoring Equipment	STEP 5: Preparing the draft C. Massey	NSGC
NSS No. 5: INTERNATIONAL ATOMIC ENERGY AGENCY, Identification of Radioactive Sources and Devices, IAEA Nuclear Security Series No. 5, IAEA, Vienna (2007). Published in Chinese, French, English, Spanish			
	NST062: Expert Support for the Assessment of Alarms and Alerts for Nuclear and Other Radioactive Material out of Regulatory Control	STEP 11: Second review of the draft by the RC(s) M. Mohamed	NSGC

Response to Nuclear Security Events

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 37-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Developing a National Framework for Managing the Response to Nuclear Security Events, IAEA Nuclear Security Series No. 37-G, IAEA, Vienna (2019). Ex NST004 Published in Arabic, Chinese, English, French, Russian, Spanish			
	NST005: Nuclear Security Aspects of Regaining Control Over Nuclear and Other Radioactive Material Out of Regulatory Control	STEP 5: Preparing the draft C. Massey	NSGC, EPReSC, RASSC, TRANSSC, WASSC
NSS No. 39-T: INTERNATIONAL ATOMIC ENERGY AGENCY, Developing a Nuclear Security Contingency Plan for Nuclear Facilities, IAEA Nuclear Security Series No. 39-T, IAEA, Vienna (2019). Ex NST056 Published in English, French, Russian, Spanish			
	NST066 Preparing Nuclear Security Response Plans for Other Radioactive Material in Use and Storage, and Associated Facilities	STEP 8: Soliciting comments by Member States (comments due by 24 November 2024) M. Waseem	NSGC EPReSC
NSS No. 22-G: INTERNATIONAL ATOMIC ENERGY AGENCY, INTERNATIONAL CRIMINAL POLICE ORGANIZATION–INTERPOL, UNITED NATIONS INTERREGIONAL CRIME AND JUSTICE RESEARCH INSTITUTE, Radiological Crime Scene Management, IAEA Nuclear Security Series No. 22-G, IAEA, Vienna (2014). Ex NST013 Published in Arabic, English Russian, Spanish Co-sponsorship: INTERPOL, UNICRI	**NST064**: Radiological Crime Scene Management	STEP 7: First review of the draft by the RC(s) Fei LIU	NSGC EPReSC
NSS No. 2-G (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Nuclear Forensics in Support of Investigations, IAEA Nuclear Security Series No. 2-G (Rev. 1), IAEA, Vienna (2015). Ex NST014			

Published in Arabic, Chinese, English, French, Spanish Supersedes NSS No. 2: Nuclear Forensics Support (2006) Published in Chinese, English			
	NST052 Developing Nuclear Security Procedures for Responding to Criminal and Intentional Unauthorized Acts Involving Nuclear or Other Radioactive Material	STEP 5: Preparing the draft Fei LIU	NSGC EPReSC

Sustainability of Nuclear Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 30-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Sustaining a Nuclear Security Regime, IAEA Nuclear Security Series No. 30-G, IAEA, Vienna (2018). Ex NST020 Published in Arabic, Chinese, English, French, Russian, Spanish			
NSS No. 31-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Building Capacity for Nuclear Security, IAEA Nuclear Security Series No. 31-G, IAEA, Vienna (2018). Ex NST009 Published in Arabic, Chinese, English, French, Russian, Spanish			
NSS No. 12-T (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Model Academic Curriculum in Nuclear Security, IAEA Nuclear Security Series No. 12-T (Rev. 1), IAEA, Vienna (2021). Ex NST054 Published in Arabic, English, French, Russian			

Transport Security

NM&NF | RM&AF | MORC

Published IAEA guidance	Guidance in Preparation Working ID – Title	Remarks / Status / Technical Officer	Committee(s)
NSS No. 9-G (Rev. 1): INTERNATIONAL ATOMIC ENERGY AGENCY, Security of Radioactive Material in Transport, IAEA Nuclear Security Series No. 9 (Rev. 1), IAEA, Vienna (2020). Ex NST044			

Published in Arabic, English, French, Russian, Spanish supersedes **NSS No. 9: Security in the Transport of Radioactive Material (2008)** Published in Chinese, English, French, Spanish			
NSS No. 26-G: INTERNATIONAL ATOMIC ENERGY AGENCY, Security of Nuclear Material in Transport, IAEA Nuclear Security Series No. 26-G, IAEA, Vienna (2015). Ex NST017 Published in Arabic, Chinese, English, French, Russian, Spanish			
	NST053: Security of Nuclear and Other Radioactive Material in Transport	Step 14: Publication D. Ladsous	NSGC