

Commission on Safety Standards 44th Meeting 14 to 16 November 2018

Progress Report on the review/revision of Safety Guides

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Prioritization of the review/revision of IAEA Safety Guides

1. Regulatory Framework

- GSR-Part 1 Rev.1-

SSG-12 Licensing Process
 GS-G-1.1 Organization and Staffing
 GS-G-1.2 Assessment and Review
 GS-G-1.3 Inspection and Enforcement
 GS-G-1.4 Documentation for Use
 SSG-16 Safety Infrastructure (DS486)
 GSG-6 Communication and consultation (DS460)

GSG-12 and GSG-13

2. Management System

- GSR Part 2 (DS456)-

GS-G-3.1 Application of the MS for Facilities and Activities
 GS-G-3.5 Management system for Nuclear Installations

3. Safety Assessment

- GSR Part 4 Rev.1-

SSG-2 Deterministic Safety Assessment for NPPs (DS491)
 DS449 Format and Content of the Safety Analysis Report (GS-G-4.1)
 SSG-3 Level 1 Probabilistic Safety Assessment for NPPs
 SSG-4 Level 2 Probabilistic Safety Assessment for NPPs

4. EPR

- GSR Part 7 -

GS-G-2.1 Arrangements for Preparedness (DS504)
 New: GSG-11 "Termination of Emergencies (DS474)
 New: DS475

5. Radiation Protection

- GSR Part 3 -

DS453 Occupational Radiation Protection
 DS455 Establishing a National Radiation Safety Infrastructure
 DS468 Remediation Process
 GS-G-2.1 Arrangements for Preparedness (DS504)

6. Design

- SSR-2/1 Rev.1-

NS-G-1.5 External Events excluding earthquakes (DS498)
 NS-G-1.6 Seismic Design (DS490)
 NS-G-1.9 Reactor Coolant System (DS481)
 SSG-39 (DS431) I&C
 SSG-34 (DS430) Electric Power Systems
 NS-G-1.10 Containment System (DS482)
 SSG-15 Spent Fuel Storage (DS489)
 NS-G-1.4 Fuel Handling and Storage System (DS487)
 NS-G-1.12 Reactor Core (DS488)
 NS-G-1.7 and NS-G-1.11 Internal Hazards (DS494)

7. Operation

- SSR-2/2 Rev.1-

NS-G-2.15 Severe Accident Management (DS483)
 NS-G-2.13 Evaluation of Seismic Safety
 SSG-25 Periodic Safety Review
 SSG-50 Operational Experience (DS479)
 NS-G-2.8 Recruitment, Qualification, Training (DS497)
 NS-G-2.14 Conduct of Operations (497)
 NS-G-2.1 Fire Safety (DS503)
 DS485 Ageing Mngt and Pgm for LTO
 NS-G-2.3 Modifications (DS497)
 NS-G-2.6 Maintenance, Surveillance, In-service Inspection (DS497)

8. Site Evaluation

- NS-R-3 Rev.1 and DS484-

SSG-35 (DS433) Siting
 SSG-9 Seismic Hazard (DS507)
 SSG-18 Meteorological and Hydrological Hazards
 DS427 Radiological EIA
 NS-G-3.6 Geotechnical Aspect

Green: DPP prepared, Blue: issued or no revision needed
 Orange: Review performed, DPP will be prepared
 Black: Review to be performed
 Red, after the Vienna Declaration

9. Decommissioning and RW Management

- GSR Part 5&6 and SSR-5

DS468 Remediation Process
 SSG-12 Licensing Process (DS473)
 SSG-15 Spent Fuel Storage (DS489)

Thank you!

