Joint 43rd RASSC - 44th WASSC meeting
14 November 2017

Agenda Item RW 2.1
Update from the 42nd meeting of the CSS

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Scientific Secretary of the Commission on Safety Standards
Roadmap for the long term structure of Safety Standards

• GSR part 1 published and Rev.1 published
• GSR Part 2 published
• GSR Part 3 published
• GSR Part 4 published and Rev.1 published
• GSR Part 5 published
• GSR Part 6 published
• GSR Part 7 published

• SSR 1 STEP 8 MS comments due by 24 November
• SSR 2.1 published and Rev.1 published
• SSR 2.2 published and Rev.1 published
• SSR 3 published
• SSR 4 published
• SSR 5 published
• SSR 6 published – Revision endorsed by the 42nd CSS meeting, already submitted to MTCD for editing so that the final version be submitted to the BoG in March 2018 and immediately published
Status of endorsed Safety Standards (1/3)

Safety Standards published since the last CSS meeting:

- SSG-42 Safety of Nuclear Fuel Reprocessing Facilities (DS360)
- SSG-43 Safety of Nuclear Fuel Cycle Research and Development Facilities (DS381)
- GSG-6 Communication and Consultation with Interested Parties by the Regulatory Body (DS460)
- SSR-4 Safety of Nuclear Fuel Cycle Facilities (DS478)
Status of endorsed Safety Standards

(2/3)

Safety Standards endorsed for publication:

• Occupational Radiation Protection \((DS453)\), approved by PC Jul. 2016

• Radiation Protection and Safety in Medical Uses of Ionizing Radiation \((DS399)\), approved by PC Jul. 2016


• Establishing the Infrastructure for Radiation Safety \((DS455)\), approved by PC Jun. 2016

• Prospective Radiological Environmental Impact Assessment for Facilities and Activities \((DS427)\) approved by PC Feb. 2017

• Radiation Protection of the Public and the Environment \((DS432)\) almost ready
Safety Standards endorsed for publication:

- *Regulatory Control of Radioactive Discharges to the Environment (DS442)* approved by PC Feb. 2017
- *Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities (DS452)* approved by PC Mar. 2017
- *Regulations for the Safe Transport of Radioactive Material, 20xx Edition (DS495)* endorsed at the 42nd CSS meeting
- *Arrangements for the termination of a nuclear of radiological emergency (DS474)* endorsed at the 42nd CSS meeting
Overall status of Safety Standards

![Bar chart showing the status of safety standards at different stages]

- Project approval: 13
- Drafting and first review by RCs: 8
- MS comments: 11
- Final review by RCs and CSS: 14
- Establishment and publication: 12
- Published: 131

November 2017
Publication process amendment

Proposed process going forward from TBD

Publication

Establishment as an IAEA safety standard publication by the Publications Committee

Board of Governors
Director General

Review of the draft publication by the CSS

Review of the draft publication by the Publications Committee

STEP 11: Second review of the draft publication by the review Committee(s)
STEP 10: Second internal review of the draft publication
STEP 9: Addressing comments by Member States
STEP 8: Soliciting comments by Member States
STEP 7: First review of the draft publication by the review Committee(s)
STEP 6: First internal review of the draft publication
STEP 5: Preparing the draft publication
STEP 4: Review of the DPP by the CSS or information of the CSS
STEP 3: Review of the DPP by the review Committee(s)
STEP 2: Internal review of the DPP
STEP 1: Preparing a Document Preparation Profile (DPP)
Main results of the 42nd CSS meeting (1/4) – Drafts and DPPs

The following draft Safety Standards were endorsed for publication:

• Draft Safety Requirement DS495 on Regulations for the Safe Transport of Radioactive Material, 20xx Edition – SSR-6, revision of SSR-6
• Draft Safety Guide DS474 on Arrangements for the termination of a nuclear of radiological emergency

The following DPP was approved:

• DPP Safety Guide DS499 on Application of the Concept of Exemption, revision of RS-G-1.7
Main results of the 42nd CSS meeting (2/4) – Drafts and DPPs

(Cont’d) The following DPP was approved:

- DPP Safety Guide DS500 on Application of the Concept of Clearance, revision of RS-G-1.7
- Draft DPP Safety Guide DS503 on Protection against Internal and External Hazards in the Operation of Nuclear Power Plants, revision of NS-G-2.1
- DPP Safety Guide DS504 on Arrangements for Preparedness and Response for a Nuclear or Radiological Emergency
- Draft DPP Safety Guide DS505 on Source Monitoring, Environmental Monitoring and Individual Monitoring for Protection of the Public and the Environment, revision of RS-G-1.8
Main results of the 42\textsuperscript{nd} CSS meeting (3/4) – Drafts and DPPs

(Cont’d) The following DPP was approved:

• DPP Safety Guide DS507 on Seismic Hazards in Site Evaluation for Nuclear Installations, revision of SSG-9

Information of the CSS on:

• Draft Implementing Guide NST011 on Preventive Measures for Nuclear and Other Radioactive Material out of Regulatory Control
• Draft Implementing Guide NST044 on Security of Radioactive Material in Transport (Revision of NSS No. 9)
Main results of the 42\textsuperscript{nd} CSS meeting (3/4) – Policy discussion

- CSS Working Group results on the consideration of the implications of the UNSCEAR report “Attributing Health Effects to Ionizing Radiation Exposure and Inferring Risks” for the development of IAEA safety standards >> RASSC-WASSC agenda item RW 2.2
- Concept of institutional strength-in-depth as set out in the INSAG-27 report
- Review of, and finalization process for, the CSS mid-term report
- Status of the NSS-OUI IT platform >> WASSC Agenda item W 2.1
Thank you!