Meetings of the Review Committees
RASSC, WASSC, NUSSC, TRANSSC, NSGC

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

Dominique Delattre
Scientific Secretary of the CSS, IAEA/NSOC/SSDS
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 12b1 (approved by the PC and the CSS) ➔ BoG March 2019
- 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 and SSR-6 (Rev. 1) in June 2018 after its approval at the March Board meeting
Status of endorsed Safety Standards (1/4)

Safety Standards published since the last CSS meeting:

- SSR-6 (Rev. 1) Regulations for the Safe Transport of Radioactive Material, 2018 Edition (DS495)
- GSG-11 Arrangements for the Termination of a Nuclear of Radiological Emergency (DS474)
- GSG-7 Occupational Radiation Protection (DS453)
- GSG-8 Radiation Protection of the Public and the Environment (DS432)
- GSG-9 Regulatory Control of Radioactive Discharges to the Environment (DS442)
- GSG-10 Prospective Radiological Environmental Impact Assessment for Facilities and Activities (DS427)
- SSG-44 Establishing the Infrastructure for Radiation Safety (DS455)
- SSG-46 Radiation Protection and Safety in Medical Uses of Ionizing Radiation (DS399)
- SSG-47 Decommissioning of Nuclear Power Plants, Research Reactors and Other Nuclear Fuel Cycle Facilities (DS452)
Status of endorsed Safety Standards (2/4)

Safety Standards endorsed for publication:

- Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education, *(DS454)* approved by PC Jul. 2016 *Editing started*

Status of endorsed Safety Standards (3/4)

Safety Standards endorsed at the 43rd CSS meeting:

• Organization, Management and Staffing of a Regulatory Body for Safety (DS472): approved by PC in August 2017, edited and approved by the CSS in April 2018. → Published as GSG-12 in September 2018

• Functions and Processes of the Regulatory Body for Safety (DS473): approved by PC in August 2017, edited and approved by the CSS in April 2018. → Published as GSG-13 in September 2018

• Operating Experience Feedback for Nuclear Installations (DS479): approved by PC in November 2017, edited and approved by the CSS in April 2018. → Published as SSG-50 in June 2018
Status of endorsed Safety Standards (4/4)
Effect of the process change and additional resources:
Time from end of step 8 to publication
Effect of the process change and additional resources: Time from step 11 to publication
Drafts endorsed at the 44th CSS meeting

• Draft Safety Requirements DS484 on Site Evaluation for Nuclear Installations
• Draft Safety Guide DS403 on Decommissioning of Medical, Industrial and Research Facilities
• Draft Safety Guide DS471 on Radiation Safety of X-ray Generators and other Radiation Sources Used for Inspection Purposes and for Non-Medical Human Imaging
• Draft Safety Guide DS481 on Design of the Reactor Coolant System and Associated Systems in Nuclear Power Plants
• Draft Safety Guide DS482 on Design of the Reactor Containment and Associated Systems for Nuclear Power Plants
• Draft Safety Guide DS483 on Accident Management Programme for Nuclear Power Plants
• Draft Safety Guide DS486 on Establishing the Safety Infrastructure for a Nuclear Power Programme
• Draft Safety Guide DS488 on Design of the Reactor Core for Nuclear Power Plants
• Draft Safety Guide DS491 on Deterministic Safety Analysis for Nuclear Power Plants
• Draft Safety Guide DS492 on Human Factors Engineering in the Design of Nuclear Power Plants
DPPs approved at the 44th CSS meeting

- DPP DS514 for a Safety Guide on Equipment Qualification of Items Important to Safety in Nuclear Installations
- DPP DS515 for a Safety Guide on Compliance Assurance for the Safe Transport of Radioactive Material
- Silence procedure for the review of the MTCD editing of DS471, 481, 482, 486, 488, 491 and 492 (edited draft will be posted on the CSS web page for a two weeks confirmation)
Actions from the 44th meeting (extract)

44.02 Discussion documents should be prepared in advance of the consultants’ meeting in March 2019 to prepare a DPP for the Safety Report addressing issues arising from the 2012 UNSCEAR report (see Action 43.03). This should include proposals on the purpose, scope, target audience and possible contents of the Safety Report and be circulated to the CSS. [Action: Secretariat].

44.03 The MTCD edited versions of the draft safety guides DS403, DS471, DS481, DS482, DS486, DS488, DS491 and DS492 to be posted on the CSS web page when available. The CSS members to be alerted by email for two weeks a silence procedure with the objective of confirming the CSS endorsement of these drafts. [Action: Secretariat, CSS].

44.04 The current reviews of SF-1 being undertaken by the SSCs should continue and further progress reports be presented at the 45th CSS meeting. [Action: SSCs, Secretariat, CSS Scientific Secretary].
Thank you!