Meetings of the Review Committees, RASSC, WASSC, NUSSC, TRANSSC, NSGC
June 2019

Results of the
45th Meeting of the Commission on Safety Standards
8 and 9 April 2019

Dominique Delattre
Scientific Secretary of the CSS, IAEA/NSOC/SSDS
Roadmap for the long term structure of Safety Requirements: completed

• 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 published
• 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 Rev. 1 published
Status of CSS endorsed Safety Standards (1/4)

Recently published Safety Standards

- **SSR-1** Site Evaluation for Nuclear Installations *(DS484)*
- **SSG-45** Predisposal Management of Radioactive Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education *(DS454)*
- **SSG-48** Ageing Management and Development of a Programme for Long Term Operation of Nuclear Power Plants *(DS485)*
- **SSG-49** Decommissioning of Medical, Industrial and Research Facilities *(DS403)*
- **SSG-54** Accident Management Programme for Nuclear Power Plants *(DS483)*
Safety Standards endorsed for publication:


- **DS482**: Design of the Reactor Containment and Associated Systems for Nuclear Power Plants. Being edited for submission to the silence procedure.

Status of CSS endorsed Safety Standards (3/4)

Safety Standards endorsed for publication:

- **DS471**: Radiation Safety of X-ray Generators and other Radiation Sources Used for Inspection Purposes and for Non-Medical Human Imaging. Being edited for submission to the silence procedure.
- **DS488**: Design of the Reactor Core for Nuclear Power Plants. Being edited for submission to the silence procedure.
- **DS486**: Establishing the Safety Infrastructure for a Nuclear Power Programme. Awaiting start of editing.
Status of CSS endorsed Safety Standards (4/4)

Safety Standards endorsed at the April 2019 CSS meeting:

- **DS419**: Radiation Safety in Well Logging.
- **DS420**: Radiation Safety in the use of Nuclear Gauges.
- **DS434**: Radiation Safety of Accelerator Based Radioisotope Production Facilities.
- **DS440**: Design of Auxiliary Systems and Supporting Systems for Nuclear Power Plants.
- **DS459**: Management of Residues Containing Naturally Occurring Radioactive Material from Uranium Production and other Activities.
- **DS475**: Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency.
- **DS487**: Design of Fuel Handling and Storage Systems for Nuclear Power Plants.
- **DS489**: Storage of Spent Nuclear Fuel.
Status of CSS endorsed DPPs

DPPs endorsed at the April 2019 CSS meeting:

• **DS516**: Draft Safety Guide on Criticality Safety in the Handling of Fissile Material (revision of SSG-27).

• **DS517**: Three draft Safety Guides for the revision of: SSG-5 on Safety of Conversion Facilities and Uranium Enrichment Facilities; SSG-6 on Safety of Uranium Fuel Fabrication Facilities; and SSG-7 on Safety of Uranium and Plutonium Mixed Oxide Fuel Fabrication Facilities.

• **DS518**: Two draft Safety Guides for the revision of: SSG-42 on Safety of Nuclear Fuel Reprocessing Facilities; and SSG-43 on Safety of Nuclear Fuel Cycle Research and Development Facilities.
Overall situation of the Safety Standards development
Effect of the process change and additional resources:
Time from end of step 8 to publication

Months

ds453 ds454 ds455 ds456 ds457 ds458 ds459 ds45a ds45b ds45c ds45d ds45e ds45f ds45g ds45h ds45i ds45j ds45k ds45l ds45m ds45n ds45o ds45p ds45q ds45r ds45s ds45t ds45u ds45v ds45w ds45x ds45y ds45z
Effect of the process change and additional resources: Time from step 11 to publication
45.02 The Secretariat is to produce a summary “road map” that includes the currently planned initiatives to issue publications on managing the safety–security interface, for presentation at the 46th CSS meeting. [Action: Secretariat, CSS Scientific Secretary]

45.03 The MTCD edited versions of the draft safety guides DS419, DS420, DS434, DS440, DS449, DS459, DS475, DS487 and DS489 to be posted on the CSS web page, as soon as they are available. CSS members to be alerted by email for a two week silent approval procedure with the objective of confirming the CSS endorsement of these drafts. [Action: Secretariat, CSS].

45.04 The results of the CM held in March 2019 and the draft DPP for the Safety Report to be presented for information to the Review Committees at their meeting during the Summer 2019 and progress reports to be made at future meetings of the Review Committees and the CSS. [Action: Secretariat]
45.05 The conclusions of the Review Committees from their reviews of SF-1 are to be collated in a systematic way, and should be captured using the NSS-OUI feedback mechanism. Although the review process is now considered to have been completed, the Review Committees members and observers are invited to continue to document any additional comments on SF-1 via NSS-OUI, i.e. as can be done for any other publication in the Safety Standards and Nuclear Security Guidance series. [Action: Review Committees].

45.06 A set of policy discussions to be held during the 46th CSS meeting, selected among the several proposals made at the 45th meeting [Action: CSS Scientific Secretary, Secretariat, CSS].

45.07 A draft end of term report to be prepared with three main parts: 1) factual main results of the sixth CSS term; 2) progress report on the CSS main interests for its sixth term and 3) CSS recommendations for its seventh term. [Action: CSS Scientific Secretary, Secretariat, CSS].
Thank you!