27th TRANSSC Meeting
11-15 November 2013
Agenda Item 4.2.3
Report of the 34th CSS meeting and associated Chairs meeting
Feedback from the Interface Group
D. Delattre
Head, Safety and Security Publications Unit
Scientific Secretary of the CSS
Report from the CSS meeting, the meetings of the Chairs and results of the Interface Group consultation

- Meeting of the Chairs of the Committees on November 4
- 34\textsuperscript{th} CSS meeting from 5 to 6 November
- Interface Group consultation on new DPPs
Meeting of the Chairs of the Committees on November 4
Details will be provided by Bill Brach under item 4.2.4
Meetings of the Chairs

- DS460 status and its future
- Revised TOR of the Review Committees
- Follow-up and coordination for DS462, DS457 and DS456
- End of term reports from the Safety Standards Committees (harmonization and main recommendations)
- Future work program on the review/revision of safety guides in light of lessons learned from the Fukushima Daiichi accident

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Meetings of the Chairs

- Status of DS419 and DS420
- Future feedback system/review/revision/publication IT supported system
- Independent review of the Intermediate Committee Structure (NSGC, SSCs, Interface Group)
- OIOS recommendations from TRANSSC
- Access to NUSEC for draft Nuclear Security Series
Report from the CSS meeting, the meetings of the Chairs and results of the Interface Group consultation

34th CSS meeting from 5 to 6 November
Roadmap for the long term structure of Safety Standards

2008 Objective (GSRs by 2013 and SSRs by 2015) can be achieved with only one year delay:

- GSR part 1 published
- GSR Part 2 draft submitted to MS consultation
- GSR Part 3 established by the BoG in Sep. 2011 (Interim version published)
- GSR Part 4 published
- GSR Part 5 published
- GSR Part 6 endorsed by the CSS Nov. 5, 2013
- GSR Part 7 draft submitted to MS consultation

- SSR 1 DPP approved by the CC. To be submitted to the RCs in IIQ 2014
- SSR 2.1 published
- SSR 2.2 published
- SSR 3 DPP submitted to the RCs
- SSR 4 DPP submitted to the RCs
- SSR 5 published
- SSR 6 published
Status of endorsed Safety Standards

3 Safety Standards published so far in 2013:


GSG-4: Use of External Experts by the Regulatory Body

SSG-25: Periodic Safety Review for Nuclear Power Plants
Status of endorsed Safety Standards

9 endorsed Safety Standards being published:

- Near Surface Disposal Facilities of Radioactive Waste (DS356) approved by the PC
- Monitoring and Surveillance of Radioactive Waste Disposal Facilities (DS357) approved by the PC
- Safety Classification of Structures, Systems and Components in Nuclear Power Plants (DS367) approved by the PC
- **Radiation Safety and Safety of Radiation Sources (DS379) established by the BoG, being published (Interim version published)**
- Criticality Safety in the Handling of Fissile Material (DS407) *approved by the PC*
- Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (DS425) *approved by the PC*
- Addendum to NS-R-5, Appendix IV “Reprocessing Facilities” and Appendix V “Fuel Cycle Research and Development Facilities” (DS439) approved by the BoG and the PC
- Commissioning for Nuclear Power Plants (DS446) *approved by the PC*
- **New file available on the safety standards web page with all the electronic version of the published safety standards, and the established ones (i.e. the one approved by the PC). Now files for each language**
Status of Safety Standards

![Bar chart showing the status of safety standards in terms of project approval, drafting and first review by RCs, MS comments, final review by RCs and CSS, establishment and publication, and published. The chart indicates the progress of each phase with the corresponding number of items.]
Report from the 34th CSS meeting (1/3)

- Progress report on the review/revision of Safety Standards in light of lessons learned from the Fukushima Daiichi accident
  - DS462, DS456 and DS457 with MS for comments
  - DPP for the revision of NS-R-4 and NS-R-5 with the Committees for approval
  - DPP for the revision of NS-R-3 approved by CC
  - Review/revision of safety guides

- CSS endorsement of
  - DS450, Safety Requirements on Decommissioning of Facilities
  - DS401, Safety Guide on Justification of Practices, including Non-Medical Human Imaging
  - DS421, Safety Guide on Protection of the Public against Exposure Indoors due to Radon and Other Natural Sources of Radiation
  - DS433, Safety Guide on Site Survey and Site Selection for Nuclear Installations
Report from the 34th CSS meeting (2/3)

- CSS endorsement of
  - DPP DS472 on Organization, Management and Staffing of a Regulatory Body
  - DPP DS473 on Regulatory Body Functions and Processes
  - DPP DS474 on Arrangements for the Termination of a Nuclear or Radiological Emergency
  - DPP DS475 on Arrangements for Public Communications in Preparedness and Response for a Nuclear or Radiological Emergency
  - DPP DS477 on The Management System for the Predisposal and Disposal of Radioactive Waste

- Information of the CSS on
  - DPP NST020 for a Nuclear Security Implementing Guide on Sustaining a Nuclear Security Regime
  - DPP NST041 for a Nuclear Security Implementing Guide on Prevention and Protective Measures against Insider Threats

IAEA

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Policy discussion

- Harmonization of the Terms of Reference of the Committees

- IT platform for the feedback mechanism and the preparation of electronic version of the safety standards

- Finalization of the CSS mid-term report
Report from the CSS meeting, the meetings of the Chairs and results of the Interface Group consultation

Interface Group consultation on new DPPs
Results of the Interface Group consultation (1/3)

- DPP DS476, Safety Requirements on Safety of Research Reactors (revision of NS-R-4) and DPP DS478, Safety Requirements on Guide on Safety Of Fuel Cycle Facilities (revision of NS-R-5): Agreement that these are interface documents with involvement of NSGC

- DPP DS479 on Operating Experience Feedback for Nuclear Installations, revision of NS-G-2.11, is confirmed as an interface document with involvement of all Committees (we may have feedback on all aspects of safety and security)

- DPP DS480 on Regulations for the Safe Transport of Radioactive Material, 20xx Edition, revision of SSR-6, is confirmed as an interface document with involvement of TRANSSC, RASSC and NSGC. Note that this is for General Safety Requirements that we need to consult all Committees as a policy. For Specific Safety Requirements we are on a case by case basis
Results of the Interface Group consultation (2/3)

- DPP DS481 on Design of the Reactor Coolant System and Associated Systems in Nuclear Power Plants, revision of NS-G-1.9, is confirmed as an interface document with involvement of NUSSC and NSGC

- DPP DS482 on Design of Reactor Containment Systems for Nuclear Power Plants, revision of NS-G-1.10, is also confirmed as an interface document with involvement of NUSSC and NSGC

- DPP DS483 on Severe Accident Management Programme for Nuclear Power Plants, revision of NS-G-2.15, is confirmed as an interface document with involvement of NUSSC, WASSC (because this includes severe accident at spent fuel pools) and NSGC

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• DPP NST044 on Security of Radioactive Material in Transport, revision of NSS009, is confirmed as an interface document with involvement of NSGC, TRANSSC and RASSC

• DPP NST045 on Nuclear Security Recommendations for Computer Security, is confirmed as an interface document with involvement of all Committees (policy for Recommendations level document)

• DPP NST046 on Computer Security Systems and Measures for Nuclear Facilities, is confirmed as an interface document with involvement of NSGC, NUSSC and WASSC (because of the scope of nuclear facilities)

• Finally DPP NST048 on Security of Radioactive Material in Use and Storage and of Associated Facilities, revision of NSS011, is confirmed as an interface document with involvement of NSGC, RASSC, WASSC and NUSSC (the scope exclude transport security addressed in NSS09 to be revised by NST044 listed above)