Commission on Safety Standards
37th Meeting
20 to 22 April 2015

Agenda item 2.4

Transport Safety Standards Committee
TRANSSC

Paul Hinrichsen, TRANSSC Chairman
Steve Whittingham - Transport Safety Unit Head
and TRANSSC Coordinator

IAEA
International Atomic Energy Agency
Overview

• TRANSSC 29
• SSR-6 2015-2016 Review Cycle
• TM 49609: Third Meeting on Integration into the Transport Safety Standards of the Results of the 2011 International Conference on the Safe and Secure Transport of Radioactive Material (March 2015)
• TM-47179: Transport Accidents and the Basis for Accident Conditions of Transport in the Regulations for the Safe Transport of Radioactive Material (October 2014)
• Recent TRANSSC Publications
• TRANSSC Publications Requiring Review/Revision
• TRANSSC Issues of Interest
• Regional Networks for Transport Safety
TRANSSC 29 (10 – 14 November 2014)

TRANSSC 29: Decision on Revision of SSR-6

TRANSSC decided not to revise SSR-6 at the end of 2014

TRANSSC 29: Working Groups

- WG1 - Preparation of draft Special Provision (ICAO TI) for UN3507 (UF6 in EXCEPTED PACKAGE)
- WG2 - Development of the Structure of Technical Basis, from a user perspective (as a historical record and going forward)
- WG3 - Review of Fissile Exceptions Guidance material, from a user perspective
- WG4 - Preparation of draft Syllabus for the IAEA Training Academy
Note Verbale was forwarded to Member States in early January announcing the start of the 2015 Review Cycle for:

- Regulations for the Safe Transport of radioactive Material - Specific Safety Requirements SSR-6 (2012 Edition)

As well as


All Proposals/Comments to reach the Secretariat by 10 May 2015
Third Meeting on Integration into the Transport Safety Standards of the Results of the 2011 International Conference on the Safe and Secure Transport of Radioactive Material

President`s Findings from the 2011 International Conference on the Safe and Secure Transport of Radioactive Material: The Next Fifty Years of Transport - Creating a Safe, Secure and Sustainable Framework
INTERNATIONAL CONFERENCE: President’s Findings

• Harmonisation
• Denial of shipments
• The current Scientific Basis
• The standard transport conditions assumptions
• Safety requirements and security recommendations
• UN modal bodies
• National implementation and industry compliance
• Emergency Response
• Liability
• Communication
• Regional considerations
The Technical Meeting concluded that all of the safety related President`s Findings from the 2011 International Conference and recommendations from the 2012 follow-up TM had been or were in the process of being addressed.

It is now up to TRANSSC to ensure that proposed resolutions are taken up in the TRANSSC processes and appropriate outputs are made to the Transport Regulations and supporting material.
TM-47179 on *Transport Accidents and the Basis for Accident Conditions of Transport in the Regulations for the Safe Transport of Radioactive Material*

- Held October 2014
  - 26 participants from 15 countries and 5 international organizations
- Experts generally agreed that no changes were necessary to the regulations related to accident conditions; however, additional data on accidents is needed
Regulations for the Safe Transport of Radioactive Material - Specific Safety Requirements SSR-6 (2012 Edition)
- Published in October 2012

- Published in July 2014

- Published in February 2015
TRANSSC PUBLICATIONS REQUIRING REVIEW/REVISION

Planning and Preparing for Emergency Response to Transport Accidents Involving Radioactive Material – TS-G 1.2

The Management System for the Safe Transport of Radioactive Material – TS-G 1.4

Compliance Assurance for the Safe Transport of Radioactive Material – TS-G 1.5

These publications will need to be revised, as appropriate, and approved by TRANSSC in order to align them with SSR-6
TRANSSC Issues of Interest


SSG 26 is an important safety guide as it explains the SSR-6 requirements to provide a basis for harmonized interpretation and application of the SSR-6 requirements.

To achieve this, it is important to provide the necessary resources to translate the SSG-26 Advisory Material into the official UN languages in a timescale that reflects the importance of the document.
A Joint TRANSSC/WASSC working group has prepared a draft TECDOC entitled *Preparation of a Safety Case for a Dual Purpose Cask for Storage and Transport of Spent Fuel*

At a recent CS Meeting (Nov 2014), proposed changes to incorporate the concept of the DPC into the transport regulations (SSR-6) and advisory material (SSG-26), were drafted.

The proposed changes will be submitted as part of the current review cycle.
Regional Networks for Transport Safety

• The General Conference of the IAEA instructed the IAEA’s Secretariat to encourage and promote the creation of regional networks.

• Several of these networks are currently being put in place, notably in Africa, the Mediterranean, Asia, the Pacific Islands and the Caribbean.

• Existing networks such as the European Association of Competent Authorities, have provided valuable support to the forming networks.

• Collaboration between networks is seen as a vital key to future success of the developing networks.