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transport institute**

WORLD NUCLEAR TRANSPORT INSTITUTE

SAMM

Regulation, Safety and Security Committee

Co-Chair : Steven Crane

Co-Chair : Hirotaka Nojima

WNTI Secretariat : Simon Chaplin, Elisa Penda

Date: 27th November 2025

Location: London

SUMMARY MEETING REPORT

MEETING TITLE: Regulation, Safety and Security Committee
LOCATION: London
DATE: 27th November 2025
REPORT BY: Simon Chaplin and Elisa PENDA

Participants / Attendees:

See the appendix attached

Purpose / Objectives of Meeting

The meeting reviewed ongoing work, following the merging of the Policy and Regulation, Security, and Emergency Preparedness and Response WGs into the Regulation, Safety and Security Committee

The following items were presented for information and discussion:

- The Draft Committee Terms of Reference (ToR) were provided to the members to review.
- Overview of WNTI representation at IAEA including the Transport Safety Standard Committee (TRANSSC) and status of the publication of new SSR-6 (rev.2).
- The final draft of SSR-6 (Rev.2) was approved by the Board of Governors (BoG) on 21st November and has since been published on the IAEA web site.
- IMO updates on CCC11 (freight Container) and MSC 110 (Nuclear Energy for Ships)
- ICAO Update on amendment to Part 6;7.2.3 of the Technical Instructions for Air Transport
- WNTI participation at IAEA Nuclear Security Guidance Committee (NSGC)
- WNTI participation at the Emergency Preparedness and Response Standards Committee (EPreSC)
- WNTI participation at IAEA CM to Third Consultancy Meeting on the revision of top tier Nuclear Security Series publications (25-29 August 2025, IAEA, Vienna. Peter Bryant, WNTI CEO, attended this meeting as one of the International Experts and Chair of NSS 14 Revision)
- Potential review/revision of the WNTI Good Practice Guide “Nuclear Transport Security” Version 2.0 (July 2020)
- Discussion of proposed Task Groups and priorities for the committee.
Presentation of SSR-6 (rev.2) new A1 / A2 values and some potential impact (see the presentation on WNTI website)

Key Takeaways / Points

- Draft ToR requires review by Committee members.
- The workplan requires review by Committee members to define the priority task groups required and their scope.
- Call for any volunteers to support WNTI attendance at the IAEA NSGC and EPreSC meetings.
- WNTI representation at IAEA TRANSSC, associated Technical Groups and Consultancy Meetings to be coordinated by the committee on an ad-hoc basis.
 - It was noted that the continued participation to TRANSSC and other associated TG, CM, etc, and review of key IAEA publications during the SPESS process may not require creation of WNTI task groups. This will be agreed on a case by case basis such as, whether specific WNTI positions are to be developed on given key subjects, specific Task Groups should be considered.
- Member information: Recently, the ONR (in the UK) has been asking applicants to consider human factors when applying for package approvals. For existing packages, they are mostly concerned with ensuring the applicant has considered human factors for operational and maintenance activities. Examples could be clear instructions to ensure as far as possible that operators minimize the opportunity for mistakes in loading or closing packages or that maintainers do not miss key components when reassembling a part of a package. Members do not have any experience of how ONR expect this to be applied to new designs, however it is likely that ONR will want to see evidence that error proofing has been considered during design (for example designing components so they cannot be installed incorrectly).

- WNTI Summer School “Emergency Planning, Response and Security Resilience for the Transport of Nuclear and Radioactive Materials” to be launched in July 2026, Liverpool, UK
- WNTI members to provide/add information on RAM transport incidents for next SAMM

Summary of Meeting

The updates on ongoing work, and future opportunities was noted with no comments from the participants.

Through a 'Slido' poll, the members highlighted the following priority areas for the Committee:

- Update of Safety Standards (67%)
- Inputs to future updates of SSR-6 (67%)
- Update to SG-26 Advisory / Guidance Material for the IAEA SSR-6 (53%)
- Transition and update to new A1 and A2 Values (38%)
- Review of IAEA Top Tier Security Documents NSS 20, 13, 14 and 15 (38%)
- Review of IAEA Emergency Preparedness Documents (31%)
- Transport of NORM, IAEA working group (24%)
- Implementing tags to track nuclear consignments to increase security

Capturing these topics is important when determining future Task Groups. Members were polled to enquire, within the area of Regulation, Safety and Security, what would be of most interest:

- Updates on Regulations and involvement in Upcoming Changes (76%)
- Input into IAEA / IMO and ICRP Standards and Guidance (51%)
- Development of WNTI Guidance Documents (40%)
- Other Legal Issues such as Nuclear Liabilities (18%)

Members were polled to enquire what are the other items linked to Regulation, Safety and Security that members would be interested in influencing or developing guidance on? The responses were:

- Training for terminals and crews
- For all subjects and proposals made or processed consideration if safety is really improved or is the change required just for improved clarity
- Transport of SMRs and micro reactors across multiple jurisdictions
- Extension of the Paris / Vienna convention to all nuclear countries, harmonisation
- Concrete application guidance for new A1 A2 values
- Operating experience and good practice feedback from members
- Review of IAEA Emergency Preparedness Documents
- Providing updates on Regulatory and Upcoming Changes
- Input into IAEA / IMO and ICRP Standards and Guidance
- How do countries implement Ageing Management in national laws/regulations?
- National regulations specificity guides
- Denial of Shipments

A list of potential task groups for 2026 will be sent out to the wider membership for vote.

Follow Up Action Items	Owner
[1] Send draft Terms of Reference to all WNTI members - by 20.11.2025	Closed
[2] Review draft ToR - by 01.01.2026	Members
[3] Send draft Committee members list to members - by 01.01.2026	WNTI Secretariat
[4] Review and comment on Committee members list - by 01.02.2026	Members
[5] Send categories of work plans to the members and asking for interest in forming task groups.	WNTI Secretariat / Co-Chairs/
[6] Investigate the upcoming IAEA technical meeting in August 2026 on transport of radioactive materials and determine if WNTI should participate.	WNTI Secretariat / Co-Chairs/Members

[7] Provide information to members on the changes in the SSR-6 (Rev.2), including proposals that were accepted and rejected.	WNTI Secretariat
[8] Define a collaborative Platform by 01.02.2026 considering the use of Microsoft SharePoint and Teams for collaborative purposes, investigating the security and accessibility issues with other platforms.	WNTI Secretariat
Next Meeting Details	
<ul style="list-style-type: none"> • WNTI Members SAMM, July 2026, Liverpool, UK • World Nuclear Transport Conference 2026, October 2026, Proposed Location: Singapore • WNTI Members SAMM, October 2026, Proposed Location: Singapore 	

Appendix: Regulation, Safety and Security committee attendees List (as of November 27, 2025)

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