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WORLD NUCLEAR TRANSPORT INSTITUTE

SAMM

New Applications Committee

CHAIR: Scott Edwards (Deputising)

SECRETARIAT: Simon Chaplin

Date: 27th November 2025

Location: London

SUMMARY MEETING REPORT

MEETING TITLE: New Applications Committee
LOCATION: London
DATE: 27th November 2025
REPORT BY: Simon Chaplin

Participants / Attendees:

- Approximately 50 participants.

Purpose / Objectives of Meeting

The meeting reviewed ongoing work, following the merging of the Maritime Applications and Nuclear Propulsion WG with the New Nuclear WG.

The following were presented for information and discussion:

- The Committee Terms of Reference (ToR) were provided to the Committee members to review.
- IAEA International Conference on Fuel Supply Chain for Sustainable Nuclear Power Development.
- WNTI participation in OECD-NEA WISARD.
- IMO update to Code of Safety for Nuclear Merchant Ships.
- WNTI participation at G7 Nuclear Safety and Security Working Group (NSSG).
- WNTI participation at IAEA CM to Develop Programme of the IAEA Workshop on Stakeholder Strategies for SMR Deployment.
- Discussion of Task Groups and priorities.

Key Takeaways / Points

- ToR require review by Committee members.
- WNTI will continue to engage at the IMO throughout the revision process for the Code of Safety for Nuclear Merchant Ships.
- OECD NEA WISARD will continue until Q1 2028, with WNTI contributing to transport and storage topics.
- The G7 NSSG involvement has raised WNTI profile with the NSSG members and should lead to future involvement.
- The Committee needs a second interim Co-Chair.

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 have highlighted the following priority areas for the Committee:

- New Transport Packaging (76%)
- New Fuels e.g. HALEU (45%)
- Opportunities and challenges for TNPP transport by land and sea (43%)
- Revision of the IMO Code of Safety for Nuclear Merchant Ships (26%)
- FNPP (24%)
- Applications in Space (19%)
- Stakeholder engagement (17%)
- OECD-NEA WISARD (14%)

- IAEA ATLAS (10%)

Capturing these topics is important when determining future Task Groups. Additional topics suggested were:

- Existing packages.
- Regulations for TNPP transport (including harmonisation).
- Gap analysis of safety and security regs (Regulations, Safety and Security Committee topic or crosscutting).
- Harmonize nuclear ships and FNPP regulations under single IMO rule.

The Committee members were polled to ask what specific topics could be used to form Task Groups. The responses were:

- Transporting microreactors by land and sea.
- Public acceptance of FNPP (how to get ports to accept them).
- SMR core and fuel transport.
- Nuclear powered ship accidents - sinking or capsizing (NPS or FNPP) in territorial waters.

Follow Up Action Items	Owner
[1] Send draft ToR to all WNTI members - by 01.01.2026	WNTI Secretariat
[2] Review draft ToR - by 01.04.2026	Members
[3] Send draft Committee members list to members - by 01.01.2026	WNTI Secretariat
[4] Review and comment on Committee members list - by 01.04.2026	Members
Next Meeting Details (If Applicable)	
Provide details of the date of the next meeting and any agreed agenda points.	