

## International Atomic energy Agency

### Nuclear Security Guidance Committee 16<sup>th</sup> Meeting

The 16<sup>th</sup> Meeting of the IAEA Nuclear Security Guidance Committee (NSGC-16) was held between 18<sup>th</sup> and 21<sup>st</sup> November 2019 at the IAEA, Vienna.

WNTI are represented at the NSGC by Simon Chaplin.

An update was provided on an overview of the current state of progress in developing nuclear security guidance.

NSS 36G- Preventive measures for MORC - Now published.

**NST044 Security of Radioactive Material in Transport** – in composition and layout, so only a few months away from publication. (Step 14)

Technical guidance status – no changes since NSGC 15.

Technical guidance in progress –

NST016 Detection of MORC at borders (Step 11)

NST060 Regulatory authorization of nuclear security during the lifetime of a Nuclear Facilities (Step 7)

NST063 Categorization of sabotage targets (Step 3)

Technical guidance in drafting –

NST029 Evaluation of physical protection systems (Step 5)

**NST053 Security of nuclear and other radioactive material in transport** (step 5 – Drafting for internal approval. Will then latter go to NSGC approval for submitting to Member States for 120-day comment).

NST059 Technical specifications for border monitoring equip (Step 5)

NST061 Detection of MORC within a state (Step 5)

NST062 Assessment of alarms and alerts (Step 5)

An updated NSS Roadmap was then introduced to the committee. It was noted that the numbering for Technical Report Series documents for the Safety/Security Interface will allocate numbers 1000+.

An update was given on **NST060 Regulator Authorization for Nuclear Security during the Lifetime of a Nuclear Facility**, this draft is submitted for MS approval (Step 7). Section 6 is a new section recently added and provides guidance of authorization for nuclear security of nuclear material during transport. This section may be renumbered or incorporated into section 3. It was agreed that it should be made clearer how transport falls within the scope of this document and ensure consistency with NSS-26G.

This document will now have a few changes made to it by the secretariat before being submitted to Member States for 120-day comment.

### **Potential NSS publication on management of safety-security interfaces.**

An outlined plan to conduct a consultancy meeting in Q4 2020 to develop a DPP (Document Preparation Profile) for a Nuclear Security Series document on Safety-Security interfaces.

The NSGC wishes to explore with the Commission on Safety Standards (CSS), the possibility of a jointly published Safety Standard – Nuclear Security Series document on the subject of safety-security interfaces. Such a document should be high-level, strategic and have a tight focus. The possible content of such a document could be discussed during a joint session of NUSSC-49/NSGC-17 for input into the planned consultancy meeting to develop a DPP in Q4 2020, which should be comprised of security and safety experts.

### **NSS-13 and INFIRC/225 Rev.5**

The secretariat provided an overview of discussions and preliminary conclusions of Open-Ended Meeting of Legal and Technical Experts on IAEA Nuclear Security Series No.13 and INFIRC/225 Rev.5. The Open-Ended Meeting was held 17-19 July 2019. Following this overview, NSGC discussed whether a review of NSS-13 Recommendations on physical protection of nuclear material and facilities (INFIRC/225 Rev.5) is appropriate.

Noting the outcomes of the first OEM the NSGC members should submit their views on the agenda for the 2<sup>nd</sup> OEM. The matter will then be discussed at NSGC 17.

### **IAEA Trustworthiness Guidance Publication Notional Outline**

A revised outline for a potential draft publication on trustworthiness was presented by the secretariat. The audience for this publication includes regulatory bodies, other competent authorities, and licensees with responsibilities for the security of nuclear and other radioactive material in use and storage and in transport, as well as competent authorities responsible for prevention, detection and response to nuclear security events involving nuclear and other radioactive material out of regulatory control.

The purpose of this publication is to provide guidance on the elements of an effective trustworthiness program to support Member States in implementing trustworthiness programs recommended in guidance throughout the Nuclear Security Series.

There was wide support to further develop this outline into a DPP for NSGC-17. One State raised specific concerns and preferred this document to be done outside of the Nuclear Security Series.

### **Review of Draft Safety Standards and DPPS (Interface documents)**

DS496 Advisory material for the Regulations for the Safe Transport of Radioactive Material 2018 Edition (Safety Guide). NSGC have cleared this draft for submission to the Commission on Safety Standards (CSS) for publication approval.

17<sup>th</sup> NSGC Meeting will be between 15<sup>th</sup> and 18<sup>th</sup> June 2020.

18<sup>th</sup> NSGC Meeting will be between 30<sup>th</sup> November and 4<sup>th</sup> December 2020.

New **Nuclear Security Series** publications (and revisions of existing ones) are developed and reviewed through a 14-step process (a similar process is used for the development and review of IAEA safety standards):

1. Development of a document preparation profile (DPP) describing the proposed publication
2. Internal approval of the DPP
3. Approval of the DPP by NSGC
4. (Step 4 is used for safety standards but not for the NSS: the numbering is retained for consistency)
5. Drafting the publication
6. Internal approval of the draft
7. Approval of the draft by NSGC for submission to Member States for comment
8. Submission of the draft to all Member States for official comment (120 days)
9. Addressing comments from Member States
10. Internal approval of the revised draft incorporating Member State comments
11. Approval of the revised draft by NSGC for publication
12. Approval of the final draft by Deputy Director General, Head of NS Department
13. Approval for issue as an IAEA publication by the (internal) Publications Committee
14. Final editing and publication