IAEA
International Atomic Energy Agency

Webinar on National Nuclear Security Threat Assessment, Design Basis Threats and Representative Threat Statements

Organized by the

IAEA Division of Nuclear Security

Tuesday, 1 February 2022

Scheduled at 10:00, Vienna (Austria) Time

Duration: 1.5 hours

Information Sheet

Introduction

The identification and assessment of threats provides an essential basis for the selection, design and implementation of nuclear security measures. For nuclear material and other radioactive material that is under regulatory control, and associated facilities and associated activities[1], the results of this identification and assessment are expressed as a Design Basis Threat (DBT)[2] or a Representative Threat Statement (RTS) describing the attributes and capabilities of potential adversaries against which nuclear and other radioactive materials, associated facilities and associated activities are to be protected.

Within the framework of a series of webinars highlighting the relevant IAEA Nuclear Security Series (NSS) publications that assist States in the technical implementation of the Convention on the Physical Protection of Nuclear Material (CPPNM) and its 2005 Amendment, this webinar will focus specifically on NSS No.10-G (Rev.1) National Nuclear Security Threat Assessment, Design Basis Threat and Representative Threat Statements, published in 2021.

Objectives

The aim of this webinar is to provide an overview of NSS No.10-G (Rev.1) which covers a step by step methodology for States, competent authorities and operators on how to conduct a national nuclear security threat assessment, inclusive of both physical and computer security aspects, and the development, use and maintenance of design basis threats and representative threat statements.

Furthermore, through guest speaker presentations, this webinar will apprise the audience of the linkages which exist between NSS 10-G (Rev.1) and associated IAEA NSS publications[3].

Target Audience

The webinar is intended primarily for staff from national regulatory bodies and/or other organizations and institutions that are responsible for nuclear security, subject matter experts, licensees and operators, or stakeholders that would be called upon to respond to a security event involving nuclear or other radioactive material, such as the military, police, border control, customs and other emergency response organizations.

Working Language

English

Registration

[1] Inclusive of radioactive and nuclear material transport.
[2] As defined in IAEA Nuclear Security Glossary (draft, 2020 Edition).
[3] Some of these IAEA NSS publications are listed below:

- NSS No. 8-G (Rev. 1), Preventative and Protective Measures against Insider Threats
- NSS No. 42-G, Computer Security for Nuclear Security
- NSS No. 9-G (Rev. 1), Security of Radioactive Material in Transport
- NSS No. 26-G, Security of Nuclear Material in Transport
- NSS No. 27-G, Physical Protection of Nuclear Material and Nuclear Facilities
- NSS No. 11-G (Rev.1), Security of Radioactive material in Use and Storage and of Associated Facilities

Please register for the webinar using this link not later than **31 January 2022.**

After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by following a hyperlink to join the WebEx meeting or by calling in by phone.

You can test your ability to connect to a WebEx meeting at the following link: https://www.webex.com/test-meeting.html#. Please contact your IT department if the test fails.

For additional help regarding registration, please contact Mr Bob Officer, Division of Nuclear Security (r.officer@iaea.org).

Webinar Programme

Opening Remarks

Mr Arvydas Stadalnikas, *Head of Integrated Nuclear Security Approaches Unit, Nuclear Security of Materials and Facilities Section, Division of Nuclear Security, IAEA*

An Overview of NSS No. 10-G (Rev.1) – *National Nuclear Security Threat Assessment, Design Basis Threat and Representative Threat Statements*

Mr Bob Officer, *Nuclear Security Officer, Integrated Nuclear Security Approaches, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

Motivations, Categories and Identification of Potential Insiders (NSS No. 8-G (Rev. 1) - *Preventative and Protective Measures against Insider Threats)*

Mr Robert Larsen, *Senior Nuclear Security Officer, Nuclear Material Security, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

Computer Security Threat Actors/Vectors within a Nuclear Security Regime (NSS No. 42-G - *Computer Security for Nuclear Security)*

Mr Trent Nelson, *Senior Information and Computer Security Officer, Information Management Section, Division of Nuclear Security, IAEA*

Implementation of NSS 10-G (Rev. 1) Within a National Regulatory Framework - The Turkish Experience *(*NDK)

Mr Berk Akbay, *Senior Security Inspector, Turkish Nuclear Regulatory Authority, NRA (NDK)*

Implementation of NSS 10-G (Rev. 1) Delivering Threat Based and Risk Managed International Nuclear Transport Security Solutions - an Operator's Experience *(*NTS)

Mr Ben Whittard, *Director of Security and Resilience, Nuclear Transport Solutions (NTS)*

Q&A Session plus Webinar Feedback (via Mentimeter)

Mr Yo Nakamura, *Nuclear Security Culture Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

Summary and Closing

Mr Bob Officer, *Nuclear Security Officer, Integrated Nuclear Security Approaches, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*