

Regional Workshop on Ensuring the Resilience and Sustainability of Radioactive Source Security

Vienna, Austria - 13 and 14 February 2019

Agenda

DAY 1:

08:30 – 09:00 Registration / Coffee & Tea

OPENING SESSION

09:00 – 09:15 Welcome & opening remarks (WINS)

09:15 – 09:45 Introduction of participants and review of expected outcomes (Facilitator)

09:45 – 10:15 **Key-note presentation** on the key elements for creating a sustainable radiological security framework: a comprehensive review by Miroslav Gregoric, Consultant, Nuclear Security and Safety

10:15-11:00 **Discussion** on assessing the current situation, success areas and challenges

11:00 – 11:15 Coffee Break

SESSION 1: DEVELOPING A ROBUST NATIONAL REGIME

Sustainability indicators:

- Do we have regulations in place that establish requirements for radioactive source security?
- Do our regulatory requirements adequately address the security of sources from cradle to grave?
- Has a source registry been created and is there a periodic inventory of sources by the licensees?
- Have we conducted a comprehensive threat assessment and communicated it to relevant stakeholders?

11:15 – 11:45 **Presentation** on the development and enactment of adequate security regulations by Sorin Repanovici, National Commission for nuclear Activities Control, Romania

11:45 – 12:15 **Panel Discussion** to listen to other national experiences and discuss challenges to develop new regulatory requirements.

Panellists: Sorin Repanovici, National Commission for nuclear Activities Control, Romania; Julius Ziliukas, Radiation Protection Center, Lithuania; Håvar Sollund, Norwegian Radiation and Nuclear Safety Authority

12:15 - 12:45 **Discussion** to identify and discuss the roles and responsibilities of regulators in promoting site-level sustainability.

12:45 – 13:45 **Lunch**

SESSION 2: SECURITY INSPECTIONS PLANNING

Sustainability indicators:

- Has a systematic security inspection programme been established and implemented?
- Are inspectors familiar with key aspects of security inspections? Are new staff trained in the security inspections process?
- Are inspectors empowered to conduct security inspections and enforce findings?
- Is there a mechanism in place to consolidate lessons learned from inspections and continuously improve the inspection regime?

13:45 – 14:15 **Presentation** on effective licensing, inspection and enforcement mechanisms to ensure compliance by Armand Viplak, Hungarian Atomic Energy Authority

14:15 – 14:45 **Discussion** to identify best practices for inspecting security arrangements and enforcing regulatory requirements

SESSION 3: SECURITY IN THE TRANSPORT OF RADIOACTIVE SOURCES

Sustainability indicators:

- Are there transportation security regulations in place?
- Do the regulations include requirements for transport security plans?
- Do the regulations include requirements for tracking and monitoring mechanisms?
- Are transportation security plans and procedures developed and implemented?

14:45 – 15:15 **Presentation** on challenges and risks associated with the transport of radioactive sources by Robert Officer, International Nuclear Services, UK

15:15 – 15:45 **Panel Discussion** on lessons learned from implementing security measures for radioactive sources in transport

Panellists: Robert Officer, International Nuclear Services, UK; Stig Isaksson, Storlommen Konsult AB, Sweden; David Duhamel, Oak Ridge National Laboratory

15:45 – 16:00 Coffee Break

16:00 – 17:00 **Break out groups** to discuss strategies to mitigate the risk of transporting radioactive sources

17:00-17:30 Structured review of the day

17:30 Event Reception

DAY 2:

09:00 – 09:30 Review of Day 1: Key findings and objectives of Day 2

SESSION 4: ENGAGING LAW ENFORCEMENT AGENCIES AND DEVELOPING NATIONAL RESPONSE PLANS

Sustainability indicators:

- Has a national-level response engagement plan been established?
- Have the roles, responsibilities and actions of all law enforcement agencies been clearly identified?
- Has the response engagement plan been practiced with all key stakeholders?

09:30 – 09:50 **Presentation** on the role of law enforcement agencies and examples of practices supporting the development of response capabilities by Michał Horoszko, Ministry of the Interior and Administration, Poland

09:50 – 10:10 **Presentation** on Alarm Response Training: Strengthening Site and Law Enforcement Relationships by Daniel Romano, Office of Radiological Security/Y12 National Security Complex

10:10 – 10:30 **Discussion** to identify challenges and explore options to engage effectively with response organisations

10:30 – 10:45 Coffee Break

SESSION 5: EFFECTIVELY MANAGING DISUSED SOURCES

Sustainability indicators:

- Are there regulatory requirements in place for maintaining and disposing of disused sources?
- Is a source lifecycle management plan required as part of the licensing process?
- Are the necessary equipment and trained personnel available to search for and secure disused sources?

10:45 – 11:15 **Presentation** on options for the management of disused sources and associated security challenges by Milos Mladenovic, Nuclear Facilities of Serbia

11:15 – 11:45 **Discussion** on the security challenges for managing disused radioactive sources

SESSION 6: BUILDING COMPETENCIES

Sustainability indicators:

- Have the necessary skills and competences for the people involved in the security of radioactive sources been identified?
- Do education and professional development opportunities exist in the topic of radiological security?
- How is the competence of the people involved in the security of radioactive sources measured? What could be the role of certification in demonstrating their competence?

- 11:45 – 12:00** **Presentation** on Identifying skills and competences for individuals accountable for radioactive source security by Rhonda Evans, WINS
- 12:00 – 12:15** **Discussion** on Ukraine’s experience in developing skills and competencies for people involved in the security of radioactive sources by Victor Paschenko, State Nuclear Regulatory Inspectorate of Ukraine
- 12:15 – 12:45** **Group discussion** to address the means to develop/strengthen skills and competencies for various stakeholders.
- 12:45 – 13:45** Lunch

SESSION 7: THE WAY FORWARD – ENSURING SECURITY EFFECTIVENESS AND SUSTAINABILITY

Sustainability indicators:

- Are options for permanently reducing the risks (e.g. replacement by alternative technologies) systematically considered?
- Do regulators and other key stakeholders report on their achievements?
- Are achievements benchmarked against other countries and objectives?
- Should assessment templates be developed, and indicators be consolidated in a guidance?

- 13:45 – 14:00** **Presentation** on exploring the role of alternative technologies for permanently reducing the risk by Valeriia Starovoiatova, IAEA
- 14:00 – 14:15** **Presentation** on the ORS Alternative Technologies Program by Cristen Ford, Office of Radiological Security, NNSA-DOE
- 14:15 – 14:45** **Discussion** on the role of alternative technologies in strengthening sustainability and resilience.
- 14:45 – 15:00** **Coffee Break**
- 15:00 – 15:30** **Presentation** on benchmarking opportunities and ways to incentivise countries to report on their challenges and achievements by Stig Isaksson, Storlommen Konsult AB, Sweden
- 15:30 – 16:15** **Group Discussion** on aspirations and challenges in sustaining improvements to security effectiveness
- 16:15 – 16:45** **Breakout groups** to identify 3 follow up actions by country.

CONCLUSION SESSION

- 16:45 – 17:00** **Consolidating and discussing the key findings of the workshop**
- 17:00 – 17:15** **Workshop evaluation and closing remarks**

End of the workshop