

INTERNATIONAL WORKSHOP ON SECURITY OF RADIOACTIVE SOURCES – THE ROAD TO SUSTAINABILITY AND RESILIENCE

STOCKHOLM, SWEDEN. 23 AND 24 JANUARY 2018

AGENDA

DAY 1 – TUESDAY 23 JANUARY 2018

08:30 – 09:00 Registration

OPENING SESSION

09:00 – 09:15 Welcome remarks (Lars van Dassen, SSM)

09:15 – 09:30 Workshop Agenda and Objectives (Pierre Legoux, WINS)

09:30 – 10:15 Introductions and Participants' Expectations (Carl Reynolds, Workshop Facilitator)

10:15 – 10:45 **Presentation** on Different mechanisms for achieving radioactive source security and reducing radiological security risks (Andrew Bieniawski, NTI, USA)

10:45 – 11:00 Coffee Break

SESSION I: **STRENGTHENING THE INTERNATIONAL FRAMEWORK FOR THE SECURITY OF RADIOACTIVE SOURCES**

11:00 – 11:30 **Presentation** on International efforts to strengthen the security of radioactive sources (Allison Parnell, IAEA)

11:30 – 11:45 **Table discussion** to review the international framework

- What are we most satisfied with?
- What needs to be improved?

11:45 – 12:15 **Presentation** on INTERPOL's efforts for strengthening the international framework for the security of radioactive sources (Talgat Toleubayev, Interpol)

12:15 – 12:30 **Plenary discussion** on INFCIRC/910 to review its role and encourage further countries to sign up

12:30 – 13:30 Lunch Break

SESSION II: **DEVELOPING A ROBUST NATIONAL REGIME: EXPERIENCES AND LESSONS LEARNED BY REGULATORS**

13:30 – 14:00 Presentation on Development and implementation of regulatory requirements for the security of radioactive sources and sustainability – A Canadian perspective (Lucie Simoneau, CNSC, Canada)

14:00 – 14:45 **Group exercise** to identify the key elements of a national regime for the security of radioactive sources and **Self-assessment** of participating countries and organisations against these key elements

14:45 – 15:15 **Presentation** on An introduction to the Swedish model for rapid improvement of source security conditions for licensing of Cs-sources (Leif Granholm, SSM, Sweden)

- 15:15 – 15:30 Coffee Break
- 15:30 – 16:00 **Presentation** on Radioactive Materials: Control, Inspection, Enforcement (Margaret Cervera, NRC, USA)
- 16:00 – 16:45 **Break out groups** on inspection programmes
- 16:45 – 17:15 **Discussion on human resource development**
- Competency framework for individuals with accountabilities for the security of sources
 - Training and professional development opportunities
- 17:15 – 17:30 Wrap up of Day 1 – Key findings (Carl Reynolds, Facilitator)
- 17:45 **Workshop Cocktail**

DAY 2 – WEDNESDAY 24 JANUARY 2018

- 09:00 – 09:15 Review of Day 1 and Introduction of Day 2 (Carl Reynolds, Facilitator)
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SESSION III: IMPLEMENTING SECURITY MEASURES: EXPERIENCES AND LESSONS LEARNED BY END USERS

- 09:15 – 10:30 **Presentation** on Security measures for a category 1 research facility (Hanna Holstein, Lund University Hospital, Sweden)
- Presentation** on Security measures for radioactive sources – A Canadian operator perspective (Mike Molson, CNL, Canada)
- 10:30 – 11:00 **Follow up discussion** to share other experiences and review best practices for establishing a robust security culture amongst staff
- 11:00 – 11:15 Coffee Break
- 11:15 – 11:45 **Presentation** on Responding to Security Incident at Facilities (Graeme Morrice, Scotland Police, UK)
- 11:45 – 12:30 **Group discussion** to review options for better engaging with law enforcement agencies and ensure an effective response to security incidents.
- 12:30 – 13:30 Lunch
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SESSION IV: PERMANENT RISK REDUCTION

- 13:30 – 14:00 **Presentation** on Examples of alternative technologies to reduce the radiological risk in the medical sector (Michael Sandhu, Varian)
- Presentation** on the Global Cesium Security Initiative (Kristina Hatcher, DOE NNSA, USA)
- 14:00 – 14:30 **Group discussion** to review usual barriers and possible incentives for the adoption of alternative technologies
- 14:30 – 15:00 **Plenary and table discussion** on the effective management of disused radioactive sources
- What works well?
 - What are the remaining challenges?
- 15:00 – 15:15 Coffee Break
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SESSION V: THE WAY FORWARD – ENSURING RESILIENCE AND SUSTAINABILITY

15:15 – 15:45 **Panel discussion** on aspirations and challenges in sustaining achievements

15:45 – 16:30 **Break-out groups** on

- Benchmarking opportunities and ways to incentivise countries to report on their challenges and achievements
 - Maintaining the momentum after the Summit process and preparing for the December 2018 IAEA International Conference on Global Radioactive Material Security Governance
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CLOSING SESSION

16:30 – 16:45 **Consolidating and discussing the key findings of the workshop**

16:45 – 17:00 **Summary and Conclusions**

- Evaluation of the workshop
- Closing remarks

17:00 **END**