International Best Practices Workshop on Supply Chain Security

Vienna, Austria. 08-10 April 2025

Workshop Outline

Day 1 – Foundation, roles, responsibilities, and risk awareness
Introduction Session • Opening remarks • Workshop objectives • Introduction of participants
Session 1 - Supply Chain Security Foundations • What are the essential elements of supply chain for nuclear facilities? • What is supply chain risk management (SCRM)? What are the security issues related to SCRM? • How similar or different are supply chain security matters in the physical and digital spheres?
Session 2 - Roles & Responsibilities • Who are the stakeholders involved in the supply chain? • What are their respective roles and responsibilities? • Are we satisfied with their contribution to SCRM?
Session 3 - Assessing and Identifying Risks • Who could be supply chain threat actors? What connections these threat actors could have with other illicit activities? • How do you identify risks at different stages of the supply chain? • What are the main scenarios of concern during the supply chain?
Day 2 – Enhancing Security and Resilience Through Risk Management
Session 4 - Designing a Risk-Responsive and Resilient Supply Chain • What are typical mitigation measures? What are the international standards for supply chain security risk management? • How do Quality Assurance and Quality Control support an effective SCRM? • How do you raise employee awareness? What is the role of a robust security culture in effective supply chain security?
Session 5 - Managing a security incident in the supply chain • How do you prepare for a security incident in the supply chain? • How do suppliers and customers track goods from manufacturing, transit, delivery, testing, etc. to ensure that the components are authentic? • How can you employ failure mode and effect analysis (FMEA) (or other methods) to identify and mitigate security risks and build resiliency within the supply chain?

Day 3 – Regulatory Compliance / Vendor Management / Testing Supply Chain Arrangements

Session 6 - Regulatory Compliance and Support from States to Supply Chain Security

- How can regulations support supply chain security? How are regulations translated into procurement requirements and metrics?
- How do you address domestic regulatory matters in an international supply chain?
- How do State can support the nuclear industry and other critical infrastructures to secure their supply chains?

Session 7 - Vendor & Supplier Management

- How do you develop a risk-based approach to procurement? How do you identify and communicate threat information to all suppliers?
- How do you define security expectations in contracts? How do you evaluate the trustworthiness of suppliers?
- How do you ensure compliance of suppliers with regulations, standards, and best practices?

Session 8 - Assessing supply chain management practice and ensuring continuous improvement

- How do you test your supply chain security arrangements?
- What are supply chain security key performance indicators?
- How do you encourage the continuous improvement of security within your supply chain?

Conclusion Session

- What have we learnt?
- What are our main take-aways?
- What actions can we implement to strengthen supply chain security?