



CERTIFICATE OF COMPLETION

This is to certify that

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has completed an on-line e-learning course on

Nuclear Security Threats and Risks: Material and Facilities

on the IAEA's Learning Management System

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Nuclear Security Threats and Risks: Material and Facilities

Subtopics

1. Nuclear security threats
2. Threat assessment and planning
3. Roles and responsibilities
4. Coordinating assessment activities
5. Threat-based approaches to designing security

Learning Objectives

- 1.1 Discuss threats to material and facilities
- 1.2 Distinguish between insiders and external adversaries
- 1.3 List different motivations, intentions, and capabilities of the threat
- 2.1 Define Threat Assessment
- 2.2 Describe the relationship between a Threat Assessment and a threat statement, in particular a Design Basis Threat (DBT)
- 2.3 Describe a Design Basis Threat (DBT)
- 3.1 List the potential role players in threat assessment and DBT and outline and define the responsibilities associated with specific authorities and organizations
- 4.1 Recognize the importance of coordination between the role players
- 4.2 Describe potential coordination mechanisms between role players
- 5.1 Distinguish between prescriptive and performance-based approaches for designing the Physical Protection System (PPS)
- 5.2 Describe how the threat statement and DBT are used in application of prescriptive and performance-based approaches
- 5.3 Recognize the relationship between adversary scenarios and PPS design