

Objectives and Overview

04th -07th February 2020: Rwanda Utilities Regulatory Authority (RURA) is hosting a 4-day Expert Mission on Threat Assessment and a Risk Informed Approach for Developing a National Detection Strategy for Nuclear and Other Radioactive Material out of Regulatory Control.

According to the experts from The International Atomic Energy Agency (IAEA) who are conducting the training, a Risk Informed Approach provides a systematic way to prioritize resources effectively for the design and implementation of nuclear security measures for MORC.

The 4-day training workshop has the overall objective of familiarising local participants with the following topics:

- The risk informed approach process;
- Key risk concepts and terminology;
- Development of nuclear security event scenarios;
- Assessment of threats, vulnerabilities, nuclear security event likelihood, consequences, and risk;
- The application of the risk informed approach to inform the planning and design of nuclear security systems.

Participants are directly responsible for national policy, strategy, planning and implementation of nuclear security measures for nuclear and other radioactive material out of regulatory control.

They include experts, analysts, and those directly involved in the following:

- National security;
- Customs and border security;
- Law enforcement;
- Regulatory authorities;
- Technical support organizations;
- And Any other competent authority responsible for threat and risk assessments.

Structure:

- Why is a risk informed approach to nuclear security important?
- What is a risk informed approach to nuclear security?
- What scenarios should be considered?
- How is information gathered and used to support the risk informed approach?
- How are threats characterized?
- How are vulnerabilities and likelihood assessed?

- What impacts could occur and how significant could they be?
- How is risk assessed from threat, vulnerability, and consequences and used to prioritize scenarios?
- What capabilities can mitigate risk?
- How are risk informed measures implemented to ensure continuous effectiveness?

Intended Outcomes

- Participants gain awareness of methodologies and procedures for threat assessment and the application of a risk-informed approach for the design and implementation of effective nuclear security systems and measures for material out of regulatory control.
- Participants can utilize the materials to implement a risk-informed approach in the development of detection strategy and related systems

From [here](#) you can access Pictures for the training