



CERTIFICATE OF COMPLETION

This is to certify that

Eduard Zvonarev

has completed an on-line e-learning course on

Categorization of Radioactive Material

on the IAEA's Learning Management System

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Categorization of Radioactive Material

Subtopics

1. Radioactive Material: Safety and Security
2. Radioactive Material Categorization Basics
3. Application of Categories and the A/D Ratio
4. Assignment of Security Levels to Radioactive Material

Learning Objectives

- 1.1 Distinguish between radioactive sources and radioactive material
- 1.2 Recognize the interface between safety and security
- 2.1 Define the D-Value
- 2.2 Define the activity ratio A/D
- 2.3 Identify the categories and activity ratio ranges used to categorize radioactive material
- 2.4 Identify the least to most dangerous radioactive material, in particular Category 1 and 2 radioactive material
- 3.1 Identify the practices typically assigned to each category of radioactive material
- 3.2 Apply the A/D ratio in a scenario to determine the category of single and/or aggregate sources
- 4.1 Discuss the application of a graded approach to security
- 4.2 Describe how the categorization system is used to assign security levels to radioactive material