



NRC/DOT Radioactive Waste Packaging, Transportation and Disposal Training

Course Description

This course is designed to provide initial introduction and review of the U.S. Department of Transportation's (DOT) and Nuclear Regulatory Commission's (NRC) regulations governing the safe transportation and disposal of radioactive materials. The training also includes detailed information relating to the definitions, calculations and requirements for the shipment of radioactive materials in accordance with DOT's 49 CFR, and acceptance criteria for radioactive commercial disposal sites. Practical exercises are utilized that allow participants to apply the concepts of the training as it is being discussed.

Materials Provided

Each participant receives a current edition of 49 CFR, excerpts from 10 CFR, student manual, course exercises, and other supplemental classroom supplies and handouts.

Examination

Successful completion is achieved with a passing score of 80% or better on a written exam.

Record Keeping

Successful participants receive a certification stating that the training meets the requirements of 49 CFR 172, Subpart H and NRC IE Notice 79-19.

Who Should Attend?

This workshop is especially effective as either an introduction, for a new or inexperienced shipper, or as a thorough review for experienced shippers who desire refresher training to satisfy their Nuclear Regulatory Commission IE Bulletin 79-19 guidance for periodic retraining, and their DOT HAZMAT Employee training.

Suggested attendees include Radioactive Waste Technicians and Supervisors; Industrial, Hospital, or Academic shippers; Radioactive Waste QA/QC personnel; Health Physics, Industrial Hygiene, or Engineering personnel.

Course Duration

32 hours

Retrain Frequency

3 years

Course Topics

- Identification
- Classification
- Proper Shipping Name Selection
- Packaging
- Marking
- Labeling
- Shipping Papers
- Separation and Segregation
- Placarding
- Security Awareness
- 10 CFR 71.97 – Advanced Notification
- 10 CFR 61.55 – Waste Classification
- 10 CFR 61.56 – Waste Characteristics
- Waste Classification Exercises and Review
- NRC Waste Manifesting
- NRC Branch Technical Positions on Waste
- Disposal Facilities Review

Prerequisites

Math skills proficiency