

Section III: Training Requirements For Fuel Cycle Safety Inspector

A. Applicability

The training described below is required for all fuel cycle safety specialist inspectors assigned to perform inspection, decontamination and decommissioning activities at fuel facilities.

B. Training

1. Required Initial Training

a. Self Study and on-the-job Training

- (1) NRC Orientation
- (2) Code of Federal Regulations
- (3) Office Instructions/Regional Procedures
- (4) Regulatory Guidance
- (5) NRC Inspection Manual
- (6) Industry Codes and Standards
- (7) Inspection Accompaniments
- (8) NRC Management Directives
- (9) Review of Significant Events at Fuel Facilities
- (10) Physical Security Plans
- (11) Safety Analysis Report or license documents as appropriate

b. Core Training. These courses establish minimum formal classroom training requirements. Refer to Section 1246-11 for exceptions to these requirements.

- (1) Fundamentals of Inspection Course (G-101)
- (2) Root Cause/Incident Investigation Workshop (G-205)
- (3) Inspecting for Performance Course - Materials Version (G-304)
- (4) Effective Communications for NRC Inspectors
- (5) OSHA Indoctrination Course (G-111)
- (6) Site Access Training (H-100)
 - Fuel Cycle Processes Directed Self-Study Course (F-201S)
 - Integrated Safety Analysis Course (F-103) or Hazards Analysis for DOE SARs and QRAs
 - Nuclear Criticality Safety Directed Self-Study Course (F-101S)
 - Uranium Enrichment Process Directed Self-Study Course (F-204S)

(7) Fire Protection for Fuel Cycle Facilities Directed Self-Study Course (F-206S)

c. Specialized Training. Depending on the inspector's previous work experience and planned inspection activities, additional courses may be required in order to gain knowledge necessary for specialized inspection activities. Management will make this determination on an individual basis. For example, if an inspector is assigned activities in one of the areas listed below then that inspector should attend the appropriate training course or have equivalent experience as determined by their management.

- (1) Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Course (H-121)
- (2) Environmental Monitoring for Radioactivity Course (H-111)
- (3) Transportation of Radioactive Materials Course (H-308)
- (4) Quality Assurance (Industry Sponsored)
 - General Health Physics Practices for Fuel Facilities Directed Self-Study Course (F-102S) or equivalent
 - OSHA HAZWOPER Training (24 hour or 40 hour) (368)

2. Supplemental Training. Additional training beyond that identified as Core Training. This training will be determined by the individual's supervisor and will depend on the individual's previous work experience and planned inspection or licensing activities in specific areas.

3. Refresher Training. Refresher training will be conducted every three years following initial certification. Refresher training will include the following course and other courses as determined by management:

- a.. Fundamentals of Inspection Refresher Course (G-102)

- Health Physics Topical Review Course (H-401)

END