

Section II: Training Requirements For Materials Health Physics Inspector

A. Applicability

The training described below is required for all **materials health physics** inspectors assigned to perform radiological safety inspection, decontamination, and decommissioning activities at material licensee 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 materials licensees
- (10) Directed Review of Selected Inspection Case Work

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) or Inspection Procedures Course (G-108)

- (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) NMSS Radiation Worker Training (H-102)
- (7) Health Physics Technology Course (H-201)
- (8) Diagnostic and Therapeutic Nuclear Medicine Course (H-304)
- (9) Safety Aspects of Industrial Radiography Course (H-305)
- (10) Teletherapy and Brachytherapy Course (H-313)
- (11) Transportation of Radioactive Materials Course (H-308)

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) Internal Dosimetry & Whole Body Counting Course (H-312)
- (2) Safety Aspects of Well Logging Course (H-314)
- (3) Irradiator Technology Course (H-315)
- (4) Environmental Monitoring for Radioactivity Course (H-111)
- (5) Air Sampling for Radioactive Material Course(H-119)
- (6) Respiratory Protection Course (H-311)
 - Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Course (H-121)
 - Site Access Training (H-100)

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. **Inspection Procedures Update Briefing for Materials Health Physics Inspectors**
- b. Health Physics Topical Review Course (H-401)

END