

Section I: Training Requirements For Materials License Reviewer

A. Applicability

The training described below is required for all materials license reviewers assigned to perform radiological safety reviews of nuclear material license applications, except exempt distribution licenses, **fuel cycle licenses**, and licenses issued by the NMSS Division of Waste Management.

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) Required Licensing Site Visits to Core Licensees
- (8) NRC Management Directives
- (9) Review of significant events at materials licensees
- (10) Directed Review of Selected Licensing Case Work

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

- (1) Health Physics Technology Course (H-201)
- (2) Diagnostic and Therapeutic Nuclear Medicine Course (H-304)

(3) Safety Aspects of Industrial Radiography Course (H-305)

(4) Teletherapy and Brachytherapy Course (H-313)

(5) Licensing Practices and Procedures Course (G-109)

(6) Transportation of Radioactive Materials Course (H-308)

- NMSS Radiation Worker Training (H-102)

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

(1) Fundamentals of Inspection Course (G-101) or Inspection Procedures Course (G-108)

(2) Internal Dosimetry & Whole Body Counting Course (H-312)

(3) Safety Aspects of Well Logging Course (H-314)

(4) Irradiator Technology Course (H-315)

(5) Environmental Monitoring for Radioactivity Course (H-111)

(6) Air Sampling for Radioactive Material Course (H-119)

- 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. Health Physics Topical Review Course (H-401)

END