

## **APPENDIX E9**

### **TRAINING REQUIREMENTS AND QUALIFICATION JOURNAL FOR BYPRODUCT MATERIAL SEALED SOURCE AND DEVICE REVIEWER**

Note: The Byproduct Material Sealed Source and Device Reviewer is a qualification in the Office of Federal and State Materials Environmental Management Programs. The contents of this Appendix were merged from Inspection Manual Chapter (IMC) 1246 Appendix A Section XVI and Appendix B Section XVI published on February 11, 2004. No changes were made to the training requirements or qualification journal since they were published on February 11, 2004.

## APPENDIX E-9

### TRAINING REQUIREMENTS FOR SEALED SOURCE AND DEVICE REVIEWERS

#### A. Applicability

The training described below is required for all materials license reviewers assigned to perform radiological safety reviews of sealed source and device applications.

#### 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
- (4) Regulatory Guidance
- (5) NRC Management Directives
- (6) ADAMS
- (7) Agreement States Program and Interaction
- (8) Directed Review of Selected Licensing Case Work

##### b. Core Training. These course establish minimum formal classroom training requirements. Refer to Section 1246-16 for exceptions to these requirements.

- (1) Basic Health Physics Technology Course (H-122)
- (2) Licensing & Inspection Course (G-108)
- (3) Licensing Practice & Procedures Course (G-109)

##### c. Specialized Training. Additional courses may be required in order to gain knowledge necessary for specialized licensing activities. Management will make this determination on an individual basis.

END

## TECHNICAL REVIEWER QUALIFICATIONS JOURNAL BYPRODUCT MATERIAL SEALED SOURCE AND DEVICE REVIEWERS

### Applicability

This NRC Technical Reviewer Qualification Journal implements NRC Manual Chapter 1246, by establishing the minimum training requirements for personnel assigned to perform technical evaluations of byproduct material sealed sources and devices applications submitted to the NRC or to an Agreement State.

The NRC Technical Reviewer Qualification Journal serves as a guideline for the development of a Qualification Journal, and establishes the minimum training requirements consistent with NRC Manual Chapter 1246. The Qualification Journal must provide traceable documentation to show that minimum requirements are met for each technical reviewer.

The NRC Technical Reviewer Qualification Journal consists of a series of qualification guides and qualification cards. Each qualification card is used to document task completion, as indicated by the appropriate signature blocks. The corresponding qualification guide establishes the minimum knowledge levels or areas of study that must be completed for each qualification card.

Most of the qualification guides are divided into sections. The review sections of the qualification guides will identify references with general application to the technical reviewer's qualification. The technical reviewer should be expected to have a general familiarity with these references. Other sections of the qualification guides will identify specific references that have direct application to the review discipline. The technical reviewer should be expected to demonstrate detailed knowledge of these specific references.

In order to ensure that the safety evaluations conducted by the reviewer are technically correct and accurate, to promote consistency between like products reviewed, and to ensure that the public and the applicants are given consistent and accurate information regarding policy, regulations, rules and accepted practices associated with sealed source and device safety evaluations, the management will vest full signature authority only to those reviewers that are qualified to perform all areas of evaluation.

The potential reviewer's immediate supervisor will assign appropriate submitted applications on a case by case basis. This discretionary approach is intended to provide the prospective reviewer's management with the ability to tailor the qualification process to match the background, experience, qualifications and training levels of the reviewer. Limited signature authority may be granted by the management in specific areas to competent reviewers who do not have the required qualifications in all areas.

TECHNICAL REVIEWER QUALIFICATIONS JOURNAL  
BYPRODUCT MATERIAL SEALED SOURCE AND DEVICE REVIEWERS

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Branch)

To complete your qualification as a Technical Reviewer of Sealed Sources and Devices you are to complete the enumerated qualification cards. All sign-offs shall include the original signature of the responsible reviewer and the date. Maintain these cards in a file along with any background or written material required by the program. This file will constitute the NRC Sealed Source and Device Technical Reviewers Qualifications Journal.

|   | Signature When Complete        | Date  |
|---|--------------------------------|-------|
| 1. NRC Orientation                                    | _____<br>First Line Supervisor | _____ |
| 2. Code of Federal Regulation                         | _____<br>First Line Supervisor | _____ |
| 3. Office Instructions                                | _____<br>First Line Supervisor | _____ |
| 4. Regulatory Guidance                                | _____<br>First Line Supervisor | _____ |
| 5. NRC Management Directives                          | _____<br>First Line Supervisor | _____ |
| 6. ADAMS  | _____<br>First Line Supervisor | _____ |
| 7. Agreement States Program<br>and Interaction        | _____<br>First Line Supervisor | _____ |
| 8. Directed Review of Selected<br>Licensing Case Work | _____<br>First Line Supervisor | _____ |
| 9. Formal Training                                    | _____<br>First Line Supervisor | _____ |

|   | Signature When Complete                               | Date  |
|---|---|-------|
| Recommended as qualified reviewer                         | _____<br>Second Level Supervisor<br>or Board Chairman | _____ |
| Qualification Board Acceptance                            | _____<br>Second Level Supervisor                      | _____ |
| Certification Memo issued<br>granting signature authority | _____<br>Second Level Supervisor                      | _____ |

Qualification Card 1  
NRC General Orientation

|    |   | Initials                       | Date  |
|----|---|--------------------------------|-------|
| A. | Site Orientation                                    |                                |       |
|    | 1. New employee processing package completed        | _____<br>Employee              | _____ |
|    | 2. Facility tour and introduction                   | _____<br>First Line Supervisor | _____ |
| B. | NRC Organization                                    |                                |       |
|    | 1. Review of NRC headquarters and NMSS organization | _____<br>Employee              | _____ |
|    | 2. Discussion of NRC organization                   | _____<br>First Line Supervisor | _____ |

Qualification Card 2  
Code of Federal Regulations

|  | Initials                       | Date  |
|--|--------------------------------|-------|
| A. Familiarization with selected CFR parts completed   | _____<br>Employee              | _____ |
| B. Discussion completed on CFR parts related to radiation byproduct material applications in industry and medicine | _____<br>First Line Supervisor | _____ |

Qualification Card 3  
Office Instructions

|   | Initials                       | Date  |
|---|--------------------------------|-------|
| A. Familiarization with office policies and procedures    | _____<br>Employee              | _____ |
| B. Discussion completed on office policies and procedures | _____<br>First Line Supervisor | _____ |



Qualification Card 4  
Regulatory Guidance

|  | Initials                       | Date  |
|--|--------------------------------|-------|
| Regulatory review completed  |                                |       |
| 1. Regulatory Guides   | _____<br>Employee              | _____ |
| 2. Information Notices   | _____<br>Employee              | _____ |
| 3. NUREGs  | _____<br>Employee              | _____ |
| 4. Inspection Manual Chapters  | _____<br>Employee              | _____ |
| 5. Industry Codes and Standards  | _____<br>Employee              | _____ |
| 6. Sealed Source and Device Registry   | _____<br>Employee              | _____ |
| 7. Review and discuss with Management Memorandum of Understanding regarding the general concepts and elements of MOU NRC has signed with other Agencies (i.e. FDA, DOL, DOE, DOT, FBI, etc.) | _____<br>Employee              | _____ |
|  | _____<br>First Line Supervisor | _____ |

Qualification Card 5  
NRC Management Directives

Initials

Date

- A. Review of selected portions of the  
NRC Management Directives completed

\_\_\_\_\_  
Employee

\_\_\_\_\_

- B. Discussion of the application of the  
NRC Management Directives to the  
Sealed Source & Device program

\_\_\_\_\_  
First line supervisor

\_\_\_\_\_

Qualification Card 6  
ADAMS

Initials

Date

- A. Review of selected portions of the ADAMS  
User's Manual and system access completed

\_\_\_\_\_  
Employee

\_\_\_\_\_

- B. Familiarization with ADAMS station(s)  
and operation

\_\_\_\_\_  
First line supervisor

\_\_\_\_\_

Qualification Card 7  
Agreement States Program and Interaction

|   | Initial                        | Date  |
|---|--------------------------------|-------|
| A. Overall coordinating role of OSTP    | _____<br>Employee              | _____ |
| B. OSTP General Policies and procedures | _____<br>Employee              | _____ |
|   | _____<br>First Line Supervisor | _____ |

Qualification Card 8  
Directed Review of Selected Licensing Case Work

A. Expected Cases to be reviewed.

The reviewer is expected to review a variety of cases as outlined below. The reviewer should have participated in the full review, from start to the issuance of the certificate, and developed deficiency questions as necessary. The cases will be assigned and selected by the team leader or supervisor to represent the following:

- Sources: 4
- Irradiators: 1
- Radiography: 1
- Consumer Products: 6
- Gauges: 6
- Medical Devices: 2

If new cases are not available, at the discretion of the team leader or supervisor, the reviewer may review previously concluded cases. The cases will be selected by the team leader or supervisor.

This is a flexible requirement and can be modified to reflect the available applications and staff workload.

Initial                      Date

Required Case work Completed:

\_\_\_\_\_  
Employee                      \_\_\_\_\_

\_\_\_\_\_  
First Line Supervisor                      \_\_\_\_\_

Qualification Card 9  
Formal Training

|    |  | Initials              | Date  |
|----|--|-----------------------|-------|
| A. | Mandatory  |                       |       |
| 1. | Basic Health Physics Technology (H-122)<br>Reviewers classified as Series 1306 are exempt from this requirement. | _____                 | _____ |
|    |  | Employee              |       |
|    |  | _____                 | _____ |
|    |  | First Line Supervisor |       |
| 2. | Licensing & Inspection (G-108)   | _____                 | _____ |
|    |  | Employee              |       |
|    |  | _____                 | _____ |
|    |  | First Line Supervisor |       |
| 4. | Licensing Practice & Procedures (G-109)  | _____                 | _____ |
|    |  | Employee              |       |
|    |  | _____                 | _____ |
|    |  | First Line Supervisor |       |

Note: Course selection depends on previous health physics training and on the experience of the reviewer.

|    |  | Initial | Dates |
|----|--|---------|-------|
| B. | Elective Technical Courses                       |         |       |
| 1. | Safety Aspects of Industrial Radiography (H-305) | _____   | _____ |
| 2. | Irradiator Technology (H-315)                    | _____   | _____ |
| 3. | Transportation of Radioactive Materials (H-308)  | _____   | _____ |
| 4. | Safety Aspects of Well Logging (H-314)           | _____   | _____ |

- |  |       |       |
|--|-------|-------|
| 5. Human Error Analysis/<br>Human Reliability Analysis<br>for NMSS (P-406)   | _____ | _____ |
| 6. Root Cause/Incident Investigation<br>Workshop (G-205)   | _____ | _____ |
| 7. Public Outreach Meetings  | _____ | _____ |
| 8. Media Training Workshop   | _____ | _____ |
| 9. Q/A & QC Processes (external)   | _____ | _____ |
| 10. Materials & Failure Analysis (external)  | _____ | _____ |
| 11. Welding Technology and Codes<br>(external)   | _____ | _____ |
| 12. NDE: PT, MT, UT, Eddy Current,<br>Fiber Optics, Microscopy,<br>Electron Scanning Microscopy etc.<br>(external) | _____ | _____ |

## Qualification Guide 1 NRC Orientation

### A. NRC Orientation

1. The qualifying individual should read and complete appropriate following forms for processing into the NRC systems:
  - a. Personnel information
  - b. Health insurance elections
  - c. Retirement plan elections
  - d. Savings elections (e.g. U.S. Savings Bonds, TSP, etc.)
  - e. Fitness for Duty requirements and physical examination
  - f. Any other forms which may be required by NRC Office of Human Resources
  - g. Payroll forms and time and labor reporting
  - h. Regulatory Information Tracking System (RITS)
2. The First Line Supervisor should orient the qualifying individual to the facility as follows:
  - a. tour the facility and introduce the qualifying individual to the staff
  - b. indicate to the qualifying individual the location of controlled documents, reference material, supplies, office equipment, etc.

### B. NRC Organization

1. The qualifying individual should review and become familiar with:
  - a. Organizational charts of division, NMSS, regions and headquarters and overall NRC organization (NUREG 0325)
  - b. Role of Headquarters in policy and interpretation of regulations
  - c. Role of NRC General Counsel
  - d. Role of NRC Inspector General
  - e. Role of NRC Public Affairs
  - f. Role of NRC Office of Investigations
  - g. Role of NRC Office of Enforcement
  - h. Physical location of NRC offices and regions
  - i. Role of NRC as a regulatory agency
    - (1) 10 CFR Part 1 (Organization)
    - (2) Atomic Energy Act of 1954, as amended
    - (3) Energy Reorganization Act of 1974, as amended
    - (4) NRC Enforcement Policy (NUREG-1600)
    - (5) Incident Response Plan (NUREGs 0728 and 0845)
    - (6) Energy Policy Act of 1992



2. The First Line Supervisor should discuss NRC organization and role with the qualifying individual to ensure the qualifying individual has a full understanding of NRC's organization and mission and the role of a Sealed Source and Device Technical Reviewer in the risk informed performance based mission.

Qualification Guide 2  
Code of Federal Regulations

A. A selection of currently applicable CFR Parts should be made by the First Line Supervisor. The selection should include the references listed below and be documented. The qualifying individual should be expected to have a general knowledge of the topics addressed in the references. This review may be accomplished by self-study, study quizzes, or discussions.

|     |                    |   |
|-----|--------------------|---|
| 1.  | 10 CFR Part 1      | Statement of organization and general information   |
| 2.  | 10 CFR Part 2      | Rules of practice for domestic licensing proceedings and issuance of orders                       |
| 3.  | 10 CFR Part 9      | Public records  |
| 4.  | 10 CFR Part 19     | Notices, instructions and reports to workers: inspection and investigations                       |
| 5.  | 10 CFR Part 20     | Standards for protection against radiation  |
| 6.  | 10 CFR Part 21     | Reporting of defects and noncompliance  |
| 7.  | 10 CFR Part 25     | Access authorization for licensee personnel   |
| 8.  | 10 CFR Part 26     | Fitness for duty programs   |
| 9.  | 10 CFR Part 30     | Rules of general applicability to domestic licensing of by product material                       |
| 10. | 10 CFR Part 31     | General domestic licenses for byproduct material  |
| 11. | 10 CFR Part 32     | Specific domestic licenses to manufacture or transfer certain items containing byproduct material |
| 12. | 10 CFR Part 33     | Specific domestic licenses of broad scope for byproduct material                                  |
| 13. | 10 CFR Part 34     | Licenses for radiography and radiation safety requirements for radiographic operations            |
| 14. | 10 CFR Part 35     | Medical use of byproduct material   |
| 15. | 10 CFR Part 36     | Licenses and radiation safety requirements for irradiators  |
| 16. | 10 CFR Part 39     | Licenses and radiation safety requirements for well logging                                       |
| 17. | 10 CFR Part 71     | Packaging and transportation of radioactive material  |
| 18. | 10 CFR Part 150.20 | Reciprocity   |
| 19. | 10 CFR Part 170.31 | Application Fees  |
| 20. | 10 CFR Part 171.16 | Annual Fees   |

B. Following completion of the qualifying individual's self study of the listed CFR Parts, a discussion will be held with the qualifying reviewer by the First Line Supervisor to test the qualifying reviewer's knowledge of these Parts. To the extent possible, recent application of various sections, new regulatory initiatives, and current industry issues should be emphasized.

Qualification Guide 3  
Office Instructions

A. Office/Division Policies and Procedures

1. Read the Office/Division Policy and Procedures Manual
2. The qualifying individual should review the Office/Division policies and practices on:
  - a. Travel, including Management Directive 14.1 Official Temporary Duty Travel
  - b. Telephone use
  - c. Policies on use of annual leave and sick leave and excused leave, including Management Directive 10.62, Leave Administration.
  - d. Work schedule, including Management Directive 10.42, Hours of Work and Premium Pay
  - e. Use of government equipment including computers (ADAMS) and Management Directive 13.1 Property Management
  - f. Union activities, including Management Directive 10.102, Labor-Management Relations Program for Federal Employees
  - g. Communications outside NRC
  - h. Policies on outside employment and acceptance of gifts
  - i. Participation in political activities
  - j. Routing of mail and procedures for sending mail and materials (via U.S. Mail, Federal Express, etc.), including Management Directive 3.23, Mail Management
  - k. Ordering of documents (e.g. NUREGs)
  - l. NMSS emergency and evacuation procedures
  - m. Employee appraisal system and Individual Development Plan (IDP)
    - (1) Employee trial period (Management Directive 10.14 Employment and Staffing)
    - (2) Employee appraisals (Management Directive 10.67, Non-SES Performance Appraisal System)

- o. Differing Professional Views or Opinions (Management Directive 10.159, General Personnel Management Provisions)

B. The First Line Supervisor should discuss these policies and practices with the qualifying individual to ensure that the qualifying individual has a full and complete understanding.

## Qualification Guide 4 Regulatory Guidance

A. A selection of currently applicable regulatory guidance should be identified by the First Line Supervisor. These references should include those listed below and should be documented. The qualifying individual should be expected to have a general knowledge of the topics addressed in the references. The review may be accomplished by self-study, study-quizzes, briefings, or discussions.

1. Regulatory Guides (use latest revisions)

- 6.1 Leak Testing Radioactive Brachytherapy Sources
- 6.9 Establishing Quality Assurance Programs for the Manufacture and Distribution of Sealed Sources and Devices Containing Byproduct Material
- 8.29 Instruction Concerning Risks from Occupational Radiation Exposure

Others as selected by the First Line Supervisor

2. Information Notices

- IN 94-89 Equipment Failures at Irradiator Facilities
  - IN 95-44 Ensuring Compatible Use of Drive Cables Incorporating Use of Industrial Nuclear Company Ball - Type Male Connectors
- IN 96-04 Incident Reporting Requirements for Radiography Licensees
  - IN 96-20 Demonstration of Associated Equipment Operability
  - IN 96-51 Residual Contamination Remaining in Krypton-85 Handling System after Venting
  - IN 96-52 Cracked Insertion Rods On Troxler Model 3400 Series Portable Moisture Density Gauges
- IN 96-53 Retrofit to Amersham 660 Posilock Radiography Camera to Correct Inconsistency in 10 CFR Part 34 Compatibility
  - IN 96-54 Vulnerability of Stainless Steel to Corrosion When Sensitized.
- IN 97-89 Distribution of Sources and Devices Without Authorization

- IN 98-09 Collapse of an ISOCAM II, Dual-Headed Nuclear Medicine Gamma Camera
- IN 99-23 Safety Concerns Related to Repeated Control Unit Failures of the Nucletron Classic Model High-Dose-Rate Remote Afterloading Brachytherapy Devices
- IN 99-27 Malfunction of Source Retraction Mechanism in Cobalt-60 Teletherapy Treatment Units

Others as selected by the First Line Supervisor

### 3. NUREG Reports

- NUREG-0325 USNRC Functional Organizational Chart
- NUREG-0403 High Temperature Testing of Smoke Detector Sources
- NUREG-1175 Environmental Assessment of Consumer Products Containing Radioactive Material
- NUREG-1480 Loss of an Iridium-192 Source and Therapy Mis-Administration at Indiana Regional Cancer Center
- NUREG-1556 Consolidated Guidance About Materials Licenses Vols. 1 to 20
- NUREG-1600 General Statement of Policy and Procedure for NRC Enforcement Actions
- NUREG-1631 Source Disconnects Resulting From Radiography Drive Cable Failures
- NUREG-1717 Systematic Radiological Assessment of Exemptions for Source and Byproduct Materials
- NUREG/CR-4357 The Feasibility of Detecting the Import of Unauthorized Radioactive Materials in to the USA
- NUREG/CR-5881 An examination of Source Material Requirements Contained in 10 CFR 40
- NUREG/CR-6074 Investigation of Failed Radioactive Stainless Steel Troxler Gauges Vol.5
- NUREG/CR-6642 Safety Testing of Industrial Radiography Devices

Others as selected by the First Line Supervisor

4. Inspection Manual Chapters

INSPECTIONS

IMC 0300 Announced and Unannounced Inspections

IMC 0303 Item Reporting

IMC 2800 Materials Inspection Program

INTERACTIONS WITH OTHER FEDERAL AGENCIES

IMC 1007 Interfacing Activities Between Regional Offices of NRC and OSHA

INCIDENT RESPONSE

IMC 1300 Incident Response Actions - Responsibility and Authority

IMC 1301 Response to Radioactive Material Incidents That Do Not Require Activation of the NRC Incident Response Plan

IMC 1302 Action Levels for Radiation Exposures and Contamination Associated With Materials Events Involving Members of the Public

IMC 1330 Response to Transportation Accidents Involving Radioactive Materials

IMC 1360 Use of Physician and Scientific Consultants in the Medical Consultant Program

Others as selected by the First Line Supervisor

5. Industrial Codes and Standards

ANSI N42.16 Gamma Radiography- Specification for Design and Testing of Apparatus

ANSI N42.17A Performance Specifications for Health Physics

ANSI N43.2 Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment

|                         |  |
|-------------------------|--|
| ANSI N43.3              | Installations Using Non-Medical and Sealed Gamma-Ray Sources, Energies Up to 10 MEV  |
| ANSI N43.4              | Classification of Radioactive Self-Luminous Light Sources  |
| ANSI N43.6              | Sealed Radioactive Source- Classification (ISO 2919)   |
| ANSI N43.7              | Safe Design and Use of Self-Contained Dry Sources Storage Gamma Irradiators (Category I)   |
| ANSI N43.8              | Classification of Industrial Ionizing Radiation Gauging Devices (ISO 7205)   |
| ANSI N43.9              | For Gamma Radiography- Specifications for Design and Testing Apparatus   |
| ANSI N43.10             | Safe Design and Use of Panoramic, Wet Source Storage Gamma Irradiators ( Category IV) and Dry Source Storage Gamma Irradiators (Category II) |
| ANSI N43.15             | Safe Design and Use of Self-Contained Wet Sources Storage Gamma Irradiators (Category III)   |
| ANSI N44.1              | Integrity and Test Specifications for Selected Brachytherapy sources   |
| ANSI N44.2              | Leak-Testing Radioactive Brachytherapy Sources   |
| ANSI N449.1             | Procedures for Periodic Inspection of Cobalt and Cesium-137 Teletherapy Equipment  |
| ANSI N537               | Radiological Safety Standards for Design of Radiographic and Flourosopic Industrial X-Rays Equipment   |
| ANSI/ISO/QSC-Q9001-2000 | Quality management systems - Requirements  |
| ISO 7205                | Radionuclide Gauges - Gauges designed for permanent installation   |

Others as selected by the First Line Supervisor

6. Sealed Source and Device Registry
7. The First Line Supervisor will discuss with the reviewer as minimum the general concepts and elements of MOU NRC has signed with other Agencies (i.e. FDA, DOL, DOE, DOT, FBI, etc.) That impact the registration



or disposal of radiological sources and devices. Review and discuss the following with Management:

1. FDA Sealed Source and Device Applications requiring notification and/or 510K approved form
2. DOE DOE Technical and Contractual Interfaces and TAPM Qualifications Requirements
3. DOT The First Line Supervisor will discuss with the reviewer the DOT Technical Regulatory Interfaces

Others as selected by the First Line Supervisor

- B. The application of these guidance documents to the Sealed Source and Device review program should be studied in detail by the qualifying individual and covered by the First Line Supervisor in discussions, interviews, or oral quizzes.

Qualification Guide 5  
NRC Management Directives

A. A selection of currently applicable NRC Management Directive (MD) references should be identified by the First Line Supervisor. These references should include those listed below and be documented. The qualifying reviewer should be expected to have a general knowledge of the topics addressed in the references. This review may be accomplished by self-study, study-quizzes, briefings, or discussions. The selection should include:

- |                   |   |
|-------------------|---|
| 1. NRC MD 3.1     | Freedom of Information Act                          |
| 2. NRC MD 3.2     | Privacy Act   |
| 3. NRC MD 8.3     | NRC Incident Investigation Program                  |
| 4. NRC MD 8.8     | Management of Allegations                           |
| 5. NRC MD 9.1     | Organization Management                             |
| 6. NRC MD 9.29    | Regional Offices                                    |
| 7. NRC MD 10.42   | Hours of Work and Premium Pay                       |
| 8. NRC MD 10.43   | Time and Attendance Reporting                       |
| 9. NRC MD 10.67   | Non-SES Performance Appraisal System                |
| 10. NRC MD 10.101 | Employee Grievances                                 |
| 11. NRC MD 10.130 | OSHA  |
| 12. NRC MD 10.131 | Standards for Protection Against Ionizing Radiation |
| 13. NRC MD 10.159 | Differing Professional Views or Opinions            |
| 14. NRC MD 14.1   | Official Temporary Duty Travel                      |

Others as selected by the First Line Supervisor

Qualification Guide 6  
ADAMS

- A. The use and training for ADAMS will consist of a PDC course in using ADAMS; review of ADAMS USER GUIDE; and knowledge of capturing and retrieving ADAMS documents.

Qualification Guide 7  
Agreement States Program and Inspection

- A. The First Line Supervisor will discuss with the reviewer in training the role of OSTP office as a single point of entry interface for coordinating the Agreement State Programs and the available course of corrective actions to match problematic Agreement State Programs.

Qualification Guide 8  
Directed Review of Selected Licensing Case Work

- A. Compile an Attachment in the following Format for all the case work completed
1. Type of Byproduct:
  2. Applicant:
  3. Type of Device or Source:
  4. Status:
  5. Date Completed:
  6. Reviewer:
  7. Total of products reviewed:

Qualification Guide 9  
Required Formal Training

- A. The standards for each Training Course are provided in the NRC Technical Training Center Course Catalog and will not be duplicated in the Qualification Guide.

Attachment 1  
Revision History for IMC 1246, Appendix E9

| Commitment Tracking Number | Document Accession Number and Issue Date | Description of Change  | Training Needed | Training Completion Date | Comment Resolution Accession Number |
|----------------------------|--|--|-----------------|--------------------------|-------------------------------------|
| N/A                        | ML112360175<br>10/26/11<br>CN 11-022     | Revision history sheet added. Combined Appendix B16 with Appendix A16 and renamed as Appendix E9. Added "Training Requirements" Section from Appendix A16. | None            | N/A                      | ML112360189                         |
|                            |  |  |                 |                          |                                     |