

## APPENDIX B2

### TRAINING REQUIREMENTS AND QUALIFICATION JOURNAL FOR SPENT FUEL STORAGE AND TRANSPORTATION INSPECTOR

#### I. TRAINING REQUIREMENTS

##### A. Applicability

The training described below is required for full-time inspectors and inspection team leaders assigned to perform inspections of activities and facilities of Spent Fuel Storage and Transportation.

##### B. Training

###### 1. Required Initial Training.

###### a) Self-Study and On-The-Job Training:

- (1) NRC Orientation.
- (2) Code of Federal Regulations.
- (3) NRC Management Directives.
- (4) NMSS/SFST Orientation Reading.
- (5) Regulatory Guidance.
- (6) Industry Codes and Standards.
- (7) NRC Inspection Manual Chapters.
- (8) Formal Training.
- (9) Inspection Accompaniments.

###### b) Core Training. These courses establish minimum formal classroom training requirements. Refer to Section 1246-09 for exceptions to these requirements.

- (1) "Fundamentals of Inspection Course" (G-101)
- (2) "NMSS Radiation Worker Training" (H-102), or "Site Access Training" (H-100)
- (3) "Transportation of Radioactive Materials Course" (H-308)

###### 2. Specialized Training. Additional training beyond that identified as Core Training. The supervisor will determine this training, which will depend on the individual's previous work experience and planned inspection activities in specific areas.

#### II. QUALIFICATION JOURNAL

##### A. Applicability

This Nuclear Material Safety and Safeguards (NMSS) Division of Spent Fuel Storage and Transportation (SFST) Qualification Journal implements the United States Nuclear Regulatory Commission (U.S. NRC) Inspection Manual Chapter (IMC) 1246 , by establishing the minimum training requirements for a new inspector in SFST. These requirements provide the base knowledge to inspect the following:

1. Licensing of radioactive material package and spent fuel storage designs;
2. Storage of spent fuel; and
3. Entities engaged in the design, fabrication, and use of packages and installations for the transportation of radioactive materials and the storage of spent nuclear reactor fuel.

The SFST Qualification Journal serves as a guideline for the development of a Program Office Qualification Journal, and establishes the minimum training requirements consistent with IMC 1246. The Program Office Qualification Journal must provide traceable documentation to show that minimum requirements are met for each SFST inspector. The employee's supervisor has the discretion to modify the requirements, as needed, based on the employee's previous experience, education, and course availability. The employee's supervisor may add, delete, or substitute with other material, for course(s) that will not be available during the qualification period. For exceptions to the SFST qualification process (e.g., grandfathering and individuals qualified under other NRC divisions), refer to section 8 of the introduction of IMC 1246 and SFST Office Instruction number six (SFST-06). For post qualification training, refer to section 6 of the introduction of IMC 1246 and Appendix A, of this IMC.

The SFST Qualification Journal consists of a series of qualification cards and signature cards. Each signature card is used to document task completion, as indicated by the appropriate signature block(s). The corresponding qualification guide establishes the minimum knowledge levels or areas of study that must be completed for each signature card. Employees to be qualified as project managers or technical reviewers should follow the guidance in Appendices A and B1, of NRC's IMC 1246, while employees to be qualified as inspectors should follow Appendices A and B2, of IMC 1246.

## B. Discussion

This SFST Qualification Journal contains a qualification summary sheet, and signature cards. The supervisor should discuss the scope of this SFST Qualification Journal and expected knowledge level, as described later in this SFST Qualification Journal, with the staff member before the staff member starts the qualification process. The qualifying staff member is expected to complete only the signature card(s) applicable to his /her assigned work group. It may not be necessary to complete every requirement. At the supervisor's discretion, requirements may be deleted, or added, depending on the staff member's previous experience. To support the inspection work regarding all facility inspections, the staff member's supervisor should consider assigning inspection accompaniments to a variety of fuel storage and transportation facilities under SFST's regulatory responsibility.

The SFST staff member is expected to use the most current version or revision of each document cited in this SFST Qualification Journal. Most of the documentation is readily available either on the: (1) IMC 1246, (NRC's internal web site); (2) NRC's Agency-wide Documents Access and Management System (ADAMS); or (3) SFST library. Unless otherwise indicated, the staff member is to initial and date each appropriate

requirement sign-off and insert the appropriate revision number after the reference.

It is recognized that some of the required formal training courses may not be immediately available. The supervisor may substitute an alternative course, or substitute another method to meet the requirement, or delete the requirement altogether. Any such change should be documented in this SFST Qualification Journal. In addition, it should be noted that the Supervisor and secretaries will provide new employees with an NRC indoctrination checklist, apart from this SFST Qualification Journal. The purpose of the list is to familiarize the new employees with NRC processes; however, it is not part of the formal qualification program.

The time necessary to complete this SFST Qualification Journal will vary, depending the new staff member's previous experience and education, but within 18 months is SFST management's expectation. However, the availability of required training courses and the new staff member's assigned workload may also prolong the time period.

NMSS SFST QUALIFICATION JOURNAL SUMMARY SHEET  
SPENT FUEL STORAGE AND TRANSPORTATION INSPECTOR

Name: \_\_\_\_\_  
 Position Title: \_\_\_\_\_  
 Branch: \_\_\_\_\_  
 Date Training Started: \_\_\_\_\_

Complete the following signature cards for a Spent Fuel Storage and Transportation Inspector. All sign-offs shall include the signature of the responsible reviewer and the date. Maintain these cards in a notebook (hard copies of background or written material, required by the program, may also be kept for reference purposes). This notebook will comprise your NRC Inspector Qualification Journal.

SIGNATURE CARDS

		<u>Supervisor</u>	<u>Date</u>
CARD 1.	NRC ORIENTATION	_____	_____
CARD 2.	CODE OF FEDERAL REGULATIONS	_____	_____
CARD 3.	NRC MANAGEMENT DIRECTIVES	_____	_____
CARD 4.	NMSS/SFST ORIENTATION READING	_____	_____
CARD 5.	REGULATORY GUIDANCE	_____	_____
CARD 6.	INDUSTRY CODES AND STANDARDS	_____	_____
CARD 7.	NRC INSPECTION MANUAL CHAPTERS AND INSPECTION PROCEDURES	_____	_____
CARD 8.	FORMAL TRAINING	_____	_____
CARD 9.	INSPECTION ACCOMPANIMENTS	_____	_____

## QUALIFICATION BOARD CERTIFICATION

IMC 1246, Section 08, "Oral Qualification Board," provides guidance, on conduct of the Oral Qualification Board, that Board members should use. Additional guidance is provided below, on documenting possible Board outcomes.

### Board Recommendations

The Board will document the results of its assessment, in writing, to the division director, each time a Board examines an individual, as follows:

- a. If the Board's assessment is favorable, the recommendation will be to grant Full Qualification. Any areas where additional review was required (look-up items) must be completed by the individual and verified by an assigned member of the Board, before forwarding the Board's decision to the division director.
- b. If the Board has identified areas of weakness requiring formal remediation, the Board will identify the areas for improvement in writing and recommend that the individual appear before a Board for re-examination, when the remediation activities are complete. The Board and the individual's supervisor will agree on a schedule for re-examination.
- c. If the Board has identified performance deficiencies that could not be (in the Board's opinion) or cannot likely be successfully addressed with a thorough remediation effort, the Board will document the full scope of the deficiencies and recommend that the individual not be remediated nor re-examined.
- d. A copy of each Qualification Board's results, identifying any weaknesses and deficiencies, will be placed in the individual's personnel file. The employee will receive a copy of the Board's findings and recommendation.

**Re-examination Board:** A Re-examination Board must include at least one individual from the original Board. The Board questioning during re-examination will focus on the areas of identified weakness.

**Board Documentation:** The Board's decisions are forwarded to the Division Director for information. The form on the following page shall be used to document the Board's decision.



The documentation review requirements, specified in the following Cards, reflect the minimum information that should be reviewed, understood, and successfully applied to perform inspection activities in SFST. It is recognized that some subjects require different levels of understanding, to adequately perform assignments in SFST. Accordingly, the training and documentation are marked with the following guidelines, to indicate the level of knowledge and understanding that is expected in the qualification process. As discussed below, the employee should use a graded approach in reviewing and applying the document. Similarly, qualification questions should be consistent with the prescribed knowledge level.

- (F) Familiarity: The individual is knowledgeable of the document's purpose and general content. The individual is expected to have paged through the document, but not to have read it word-for-word. Knowledge of specific contents is not expected.
- (B) Basic: The individual is knowledgeable of the document's purpose and scope, the major topical areas, and relationship to the roles, responsibilities, and assignments of position for which he/she is qualifying. The individual is expected to have read the document and understand how it is used and/or the role it plays in the regulatory process.
- (I) In-Depth: The individual is expected to have read and studied the document. Although rote memorization is not required, the individual should be able to describe basic requirements of the regulations and/or industry standards, guidance contents (within the individual's area of qualification), analytical techniques and processes consistent with the individual's grade level, and any associated limitations, and how the document is used in the review process. Because rote memorization is not required, reference to the document is expected for complex questions concerning its content and use.

CARD 1  
NRC ORIENTATION

The following documentation should be read to develop a general understanding of the U.S.NRC as an organization, where its regulatory authority is derived from, and the duties and responsibilities of its various offices. This information should be discussed with the qualifying individual's supervisor (or as directed).

	Employee	Supervisor	Date
B NUREG/BR-0164, "NRC Regulator of Nuclear Safety" (24 pages)	_____	_____	_____
F NUREG/BR-0292, "Safety of Spent Fuel Transportation" (16 pages)	_____	_____	_____
F NUREG-1350, "USNRC Information Digest" [Familiarize with Abstract, NRC's role, regional offices, pages 2-8, 18, 24, 28-30, 37, 56 (types of licensees), and 66-74] (~22 pages)	_____	_____	_____
F NUREG/BR-0215, "Public Involvement in the Nuclear Regulatory Process" (16 pages)	_____	_____	_____
F NUREG-1614, "USNRC Strategic Plan" - Vol 4 (Purpose and Strategic Goals) - Current Version	_____	_____	_____



CARD 1  
NRC ORIENTATION (CONT.)

The following training courses should be taken to develop a general understanding of the U.S. NRC as an organization, and to familiarize the individual with general tasks performed by the staff.

Orientation Classes Offered By Professional Development Center

	Employee	Supervisor	Date
“NRC: What It Is and What It Does” (2 days)	_____	_____	_____
“Regulatory Process” (2 days)	_____	_____	_____

Training Offered On NRC Website

	Employee	Supervisor	Date
“Allegations” (~3 hrs.)	_____	_____	_____
“Computer Security Awareness” (~3 hrs.)	_____	_____	_____
“Government Travel Card”	_____	_____	_____
“Information Security Awareness Course” (~3 hrs.)	_____	_____	_____
New Employee Ethics Training scheduled by the Office of the General Counsel or On-Line Ethics Training	_____	_____	_____

Other Orientation Material

	Employee	Supervisor	Date
“Open, Collaborative, Work Environment” (~3 hrs.) (Orientation Seminar or presentation slides at NRC’s internal website: <a href="http://www.internal.nrc.gov/OE/dva/index.html">http://www.internal.nrc.gov/OE/dva/index.html</a> )	_____	_____	_____

CARD 2  
CODE OF FEDERAL REGULATIONS

The qualifying individual should become familiar with the following sections of the Code of Federal Regulations (CFRs), listed on this card. After the qualifying individual's completes the self study of the listed CFR Parts, he/she will discuss them with the supervisor. To the extent possible, the discussion should emphasize recent application of various sections, new regulatory initiatives, and current industry issues.

	Employee	Supervisor	Date
10 CFR Part 71, "Packaging and Transportation of Radioactive Material" (~54 pages)	_____	_____	_____
10 CFR Part 72, "Licensing Requirements for the Independent Storage of Spent Nuclear Fuel, High-Level Radioactive Waste, and Reactor - Related Greater than Class C Waste" (~58 pages)	_____	_____	_____
10 CFR Part 21, "Reporting of Defects and Noncompliance" (7 pages)	_____	_____	_____
F 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspections and Investigations" (7 pages)	_____	_____	_____
F 10 CFR Part 20, "Standards for Protection Against Radiation" - Overview of Subparts A Through K (27 pages)	_____	_____	_____
F 10 CFR Part 9, "Public Records" – Overview of Subparts A, B, and C (~30 pages)	_____	_____	_____
F 10 CFR Part 2, "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," or On-line Training - Overview of Types of Hearings and 2.390	_____	_____	_____

CARD 3  
NRC MANAGEMENT DIRECTIVES

The supervisor should select some currently applicable NRC Management Directive (MD) references and discuss the application of the selected NRC MDs with the qualifying individual. (The first line supervisor should also discuss where MDs are located including how to access these documents in NRC’s internal website.) These references should include those listed below and be documented. The qualifying individual should be expected to have a general knowledge of the topics addressed in the references. He/she may learn the information by studying, study-quizzes, briefings, or discussions. The selection should include:

	Employee	Supervisor	Date
NRC MD 14.1, “Official Temporary Duty Travel” (189 pages)	_____	_____	_____
B NRC MD 8.8, “Management of Allegations”	_____	_____	_____
B NRC MD 9.29, “Organization and Function of Regional Offices” (6 pages)	_____	_____	_____
B NRC MD 10.131, “Protection of NRC Employees Against Ionizing Radiation” (76 pages)	_____	_____	_____
F NRC MD 3.1, “Freedom of Information Act” (97 pages)	_____	_____	_____
F NRC MD 3.5, “Attendance at NRC Staff - Sponsored Meetings” (50 pages)	_____	_____	_____

(Management directives can be found in the following link in NRC’s internal website:  
[http://www.internal.nrc.gov/ADM/DAS/cag/Management\\_Directives/index.html](http://www.internal.nrc.gov/ADM/DAS/cag/Management_Directives/index.html).)

CARD 4  
NMSS/SFST ORIENTATION READING

The qualifying individual's supervisor should discuss these policies and practices with the employee to ensure that he/she has a general understanding of the material.

General Overview

	Employee	Supervisor	Date
B Enforcement Policy (Main document and applicable Appendixes) ( <a href="http://www.nrc.gov/about-nrc/regulatory/enforcement/enforc-pol.pdf">http://www.nrc.gov/about-nrc/regulatory/enforcement/enforc-pol.pdf</a> )	_____	_____	_____

SFST Reading

	Employee	Supervisor	Date
F SFST Office instructions (ADAMS Document Manager Folder: "NMSS/NMSS-SFPO/Office Instructions")	_____	_____	_____
F U.S. DOT/NRC Memorandum of Understanding, dated 7/02/79 (FRN 44FR38690)	_____	_____	_____
F U.S. OSHA/NRC Memorandum of Understanding (see IMC 1007, "Interfacing Activities Between Regional Offices of NRC and OSHA," and <a href="http://r12k3web.nrc.gov/dnms/Training/MOU06_2003.htm">http://r12k3web.nrc.gov/dnms/Training/MOU06_2003.htm</a> )	_____	_____	_____

NRC Inspection Manual Chapter

	Employee	Supervisor	Date
I IMC 1201, "Conduct of Employees" (35 pages)	_____	_____	_____

CARD 4  
 NMSS/SFST ORIENTATION READING  
 (CONT.)

The qualifying individual's supervisor should discuss these policies and practices with the employee to ensure that he/she has a general understanding of the material.

Policy and Procedures Letters

The following NMSS' Policy and Procedure Letters (P&PLs) should be discussed with the qualifying individual to develop a general understanding of NMSS' as an organization and to familiarize the individual with general tasks that the staff performs. (The first line supervisor should also discuss where P&Ps are located in ADAMS.)

		Employee	Supervisor	Date
F P&PL1-13	“Signature Level on NMSS Correspondence” (Revised Nov99, 1 page) (ML032180768)	_____	_____	_____
F P&PL1-84	“10 CFR Part 72 Backfit Guidance for NMSS” (11/6/04; 45 pages) (ML040330332; ML050350399)	_____	_____	_____
F P&PL1-85	“Handling Requests to Withhold Proprietary Information from Public Disclosure” (3/3/05; 15 pages) (ML050340352)	_____	_____	_____

CARD 5  
REGULATORY GUIDANCE

The supervisor should select currently applicable regulatory guidance, on spent fuel storage and transportation, from the list below, and these should be documented. The qualifying individual should be expected to have an appropriate general knowledge of the topics in the selected references. The individual can review the topics by self-study, study-quizzes, briefings, or discussions. Note that many Regulatory Guides reference or endorse industry codes and standards listed in Qualification Guide 6. Therefore, the study of these corresponding and sub-tier codes and standards are recommended.

The qualifying individual’s supervisor should review the selected regulatory guidance with the qualifying individual to ensure an understanding of the information and its application to the SFST inspection program.

Regulatory Guides (Use Latest Revision)

	Employee	Supervisor	Date
7.10, “Establishing Quality Assurance Programs for Packing Used in the Transport of Radioactive Material” (28 pages) (ML050540330)	_____	_____	_____
B 1.28, “Quality Assurance Program Requirements (Design and Construction)” (15 pages) (ML003739981)	_____	_____	_____
B 1.33, “Quality Assurance Program Requirements (Operation)” (8 pages) (ML003739995)	_____	_____	_____
B 7.7, “Administrative Guide for Verifying Compliance with Packing Requirements for Shipments of Radioactive Materials” (2 pages) (ML050540321)	_____	_____	_____
F 7.1, “Administrative Guide for Packing and Transporting Radioactive Material” (1 page) (ML003739261)	_____	_____	_____
F 7.9, “Standard Format and Content of Part 71 Applications for Approval of Packaging of Type B, Large Quantity, and Fissile Radioactive Material” (32 pages) (ML033630447)	_____	_____	_____
F 8.29, “Instruction Concerning Risks from Occupational Radiation Exposure” (19 pages) (ML003739438)	_____	_____	_____

CARD 5  
REGULATORY GUIDANCE  
(CONT.)

Information Notices (INs) and Bulletins (BLs)

	Employee	Supervisor	Date
B IN 83-10, "Clarification of Several Aspects Relating to Use of NRC-Certified Transport Packages" (3 pages)	_____	_____	_____
B IN 84-050, "Clarification of Scope of Quality Assurance Programs for Transport Packages Pursuant to 10 CFR 50, Appendix B" (2 pages)	_____	_____	_____
B IN 87-033, "Applicability of 10 CFR Part 21 to Non-licensees" (3 pages)	_____	_____	_____
B IN 95-029, "Oversight of Design and Fabrication Activities for Metal Components Used in Spent Fuel Dry Storage Systems" (3 pages)	_____	_____	_____
B IN 91-039, "Compliance with 10 CFR Part 21, Reporting of Defects and Noncompliance" (4 pages)	_____	_____	_____
B IN 95-029, "Oversight of Design and Fabrication Activities for Metal Components Used in Spent Fuel Dry Storage Systems" (3 pages)	_____	_____	_____
B IN 96-040, "Deficiencies in Material Dedication and Procurement Practices and in Audit of Vendors" (3 pages)	_____	_____	_____
B IN 97-051, "Problems Experienced Loading and Unloading Spent Nuclear Fuel Storage and Transportation Casks" (5 pages)	_____	_____	_____
B IN 99-029, "Authorized Contents of Spent Fuel Casks" (1-2 pages)	_____	_____	_____
B IN 2002-35, "Changes to 10 CFR Parts 71 and 72 Quality Assurance Programs" (2 pages)	_____	_____	_____

CARD 5  
REGULATORY GUIDANCE  
(CONT.)

Information Notices (INs) and Bulletins (BLs) (Cont.)

	Employee	Supervisor	Date
B IN 2004-13, "Registration, Use, and Quality Assurance Requirements for NRC-Certified Transportation Packages" (9 pages)	_____	_____	_____
B IN 2005-10, "Changes to 10 CFR Part 71 Packages" (3 pages)	_____	_____	_____
B BL 96-004, "Chemical, Galvanic, or Other Reactions in Spent Fuel Storage or Transportation Casks" (9 pages)	_____	_____	_____

NUREGs (latest revision, where applicable)

	Employee	Supervisor	Date
I NUREG/CR-6314, "Quality Assurance Inspections for Shipping and Storage Containers" (69 pages)	_____	_____	_____
I NUREG/CR-6407, "Classification of Transportation Packages and Dry Spent Fuel Storage System Components According to Importance to Safety" (55 pages)	_____	_____	_____
B NUREG/CR-5502, "Engineering Drawings for 10 CFR 71 Package Approvals" <a href="http://www.rampac.com/NRCinfo/NUREG_5502.pdf">http://www.rampac.com/NRCinfo/NUREG_5502.pdf</a>	_____	_____	_____



CARD 5  
REGULATORY GUIDANCE  
(CONT.)

Generic Letters (GLs)

	Employee	Supervisor	Date
B GL 91-05, "Licensee Commercial-Grade Procurement and Dedication Programs" (8 pages)	_____	_____	_____

Other Regulatory Guidance

	Employee	Supervisor	Date
F Interim Staff Guidance (ISG) memoranda (Selected Reading) ( <a href="http://www.nrc.gov/reading-rm/doc-collections/isg/spent-fuel.html">http://www.nrc.gov/reading-rm/doc-collections/isg/spent-fuel.html</a> )	_____	_____	_____

CARD 6  
INDUSTRY CODES AND STANDARDS

The supervisor should select currently applicable codes and standards on spent fuel storage and transportation, from the list below, and these should be documented in a journal. The qualifying individual should be expected to have appropriate general knowledge of the codes and standards in the selected references. The individual can review these by self-study, study-quizzes, briefings, or discussions.

The qualifying individual's supervisor should review the selected codes and standards with the qualifying individual to ensure an understanding of the information and its application to the SFST inspection program.

		Employee	Supervisor	Date
B	ASME/NQA-1	"Quality Assurance Program Requirements for Nuclear Facilities"	_____	_____
B	ASTM Boiler and Pressure Vessel Code	(Applicable Parts of Sections III, V, and IX)	_____	_____
B	EPRI-5652	"Guideline for Utilization of Commercial Grade Items In Nuclear Safety Related Applications (NCIG-07)"	_____	_____
F	ACI 318-XX	"Building Code Requirements for Structural Concrete" (Chapters 1-7 and 12 and Appendix B)	_____	_____
F	IAEA Safety Standard, No. TS-R-1 2005	"Regulations for the Safe Transport of Radioactive Material" [Types B(U) and B(M) only] - IAEA Safety Standards Section I; Section VI – pages 81-83; 86; 89-92; Section VII – pages 99-105; 108 (top); Section VIII – pages 111-126 (~48 pages)	_____	_____

CARD 6  
 INDUSTRY CODES AND STANDARDS  
 (CONT.)

		Employee	Supervisor	Date
F ACI-349	“Code Requirement for Nuclear Safety Related Concrete Structures,” (Chapters 1-7 and 12, and Appendix D)	_____	_____	_____
F ASTM-C31	“Standard Practice for Making and Curing Concrete Test Specimens in the Field”	_____	_____	_____
F ASTM-C94	“Specification for Ready-Mixed Concrete”	_____	_____	_____
F ASTM-C172	“Standard Practice for Sampling Freshly Mixed Concrete”	_____	_____	_____

CARD 7  
 NRC INSPECTION MANUAL CHAPTERS (IMCs)  
 AND INSPECTION PROCEDURES (IPs)

The supervisor should select currently applicable IMC and IP references with direct application to the SFST inspection program and document them. Several of the IMCs listed below were written to provide guidance for NRC inspectors at reactor facilities and material licensees. These IMCs can also be applicable to the SFST inspection program. The qualifying individual should become familiar with the selected IMCs and IPs and discuss their applicability to the SFST program with the supervisor.

The qualifying individual's supervisor should review the selected IMCs and IPs with the qualifying individual, to ensure the individual understands of the information and its application to the SFST inspection program.

NRC Inspection Manual Chapters

	Employee	Supervisor	Date
IMC 2690, "Inspection Programs for Dry Cask Storage of Spent Nuclear Fuel at ISFSIs" (21 pages)	_____	_____	_____
B IMC 0102, "Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities" (8 pages)	_____	_____	_____
B IMC 0610, "Nuclear Material Safety and Safeguards Inspection Reports" (37 pages)	_____	_____	_____
B IMC 0620, "Inspection Documents and Records" (17 pages)	_____	_____	_____
F IMC 0300, "Announced and Unannounced Inspections" (5 pages)	_____	_____	_____

CARD 7  
 NRC INSPECTION MANUAL CHAPTERS (IMCs) AND  
 INSPECTION PROCEDURES (IPs)  
 (CONT.)

NRC Inspection Procedures

	Employee	Supervisor	Date
IP 60851, "Design Control of ISFSI Components" (6 pages)	_____	_____	_____
IP 60852, "ISFSI Component Fabrication by Outside Fabricators" (7 pages)	_____	_____	_____
IP 60853, "On-Site Fabrication of Components and Construction of an ISFSI" (10 pages)	_____	_____	_____
IP 60854, "Preoperational Testing of an ISFSI" (11 pages)	_____	_____	_____
IP 60855, "Operation of an ISFSI" (8 pages)	_____	_____	_____
IP 60856, "Review of 10 CFR 72.212(b) Evaluations" (11 pages)	_____	_____	_____
IP 60857, "Review of 10 CFR 72.48 Evaluations" (8 pages)	_____	_____	_____
IP 60858, "Away-From-Reactor ISFSI Inspection Guidance" (10 pages)	_____	_____	_____
IP 86001, "Design, Fabrication, Testing, and Maintenance of Transportation Packaging" (6 pages)	_____	_____	_____

CARD 8  
FORMAL TRAINING

A. CORE TRAINING

The qualifying individual should complete the following training courses:

Course Title (Course No.)	Employee	Supervisor	Date
“Fundamentals of Inspection Course” (G-101) (4 days)	_____	_____	_____
“NMSS Radiation Worker Training” (H-102), “Site Access Training” (H-100), or Challenge “Site Access Exam” (1-2 days)	_____	_____	_____
“Transportation of Radioactive Materials Course” (H-308) (5 days)	_____	_____	_____

B. SPECIALIZED TRAINING

Other specialized training and/or courses required for inspectors performing inspection activities in specific areas as determined by the supervisor.

CARD 9  
INSPECTIONS ACCOMPANIMENTS

The qualifying individual should accompany certified inspectors on at least three (3) inspections. If possible, one of these inspections should be of 10 CFR Part 71 activities and two of 10 CFR Part 72 activities. The following is a guide for material that the inspector should study and discuss with the lead inspector during these inspection accompaniments. The qualifying individual's supervisor may also discuss these items, as appropriate, after any of the inspection accompaniments.

1. The Inspection Program
2. Scheduling and Preparation for Inspections
3. Scope of Inspection
4. Entrance/Exit Interviews
5. Conduct of Inspection and Accumulation of Data
6. Post-Inspection Activities of Inspectors
7. IMC 0610 and 2690 Inspection Reports (including the use of Form 591S)

Record of Accompaniments

1.	Location/Facility:	_____
	Inspection Dates:	_____
	Inspection Type (71/72):	_____
	Successful Completion:	_____
		Lead Inspector/Supervisor
2.	Location/Facility:	_____
	Inspection Dates:	_____
	Inspection Type (71/72):	_____
	Successful Completion:	_____
		Lead Inspector/Supervisor

CARD 9  
INSPECTIONS ACCOMPANIMENTS  
(CONT.)

3. Location/Facility: \_\_\_\_\_  
Inspection Dates: \_\_\_\_\_  
Inspection Type (71/72): \_\_\_\_\_  
Successful Completion: \_\_\_\_\_  
Lead Inspector/Supervisor

4. Location/Facility: \_\_\_\_\_  
Inspection Dates: \_\_\_\_\_  
Inspection Type (71/72): \_\_\_\_\_  
Successful Completion: \_\_\_\_\_  
Lead Inspector/Supervisor



Attachment 1  
Revision History For IMC 1246 B2

Commitment Tracking Number	Document Accession Number and Issue Date	Description of Change	Training Needed	Training Completion Date	Comment Resolution Accession Number
N/A	ML053460017 05/25/06	Added additional guidance for qualification board conduct and documentation	N/A	N/A	N/A
N/A	ML082180877 09/24/08 CN 08-027	Complete rewrite of IMC 1246 A06 and change title name. IMC 1246 A06 was also divided into two qualification journals (i.e., SFST project managers and technical reviewers, and SFST inspectors). A total of four documents were created during this revision; attachments were created within IMC 1246 A06 and new titles were assigned to these attachments. The section and title of this document should be the following: IMC 1246 B06, Attachment 2, "Office of Nuclear Material Safety and Safeguards Qualification Journal for Spent Fuel Storage and Transportation Inspector."	N/A	N/A	ML082180876
N/A	ML11230B314 10/26/11 CN 11-022	Combined Appendix A06, Attachment 2 with Appendix B06, Attachment 2 and renamed as Appendix B2. Added "training requirements" section from Appendix A06, Attachment 2.	N/A	N/A	ML112350554