TABLE OF CONTENTS

Table of Contents Current through Change Notice 05-011 Issued 05/02/05

PART	CHAPTER		
0000	NRC Inspection Manual ¹		
	0030 0040	Policy and Guidance for Development of NRC Inspection Manual Programs 04/30/97 (97-005) Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 02/02/04 (04-003)	
0100	Program Res	sponsibilities	
	0102 0111	Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities 03/06/02 (02-008) Monitoring Activities for the DOE West Valley Demonstration Project 03/04/02 (02-006)	
0200	Program Ma	nagement Reports	
	0230	Morning Report 11/18/02 (02-043)	
0300	Inspection P	olicy	
	0300 0301 0303 0305 0306 0307	Announced and Unannounced Inspections 03/24/94 (94-010) Coordination of NRC Visits to Commercial Reactor Sites 08/24/01 (01-016) Item Reporting 11/30/99 (99-019) Operating Reactor Assessment Program 12/21/04 (04-028) Information Technology Support For The Reactor Oversight Process 06/24/03 (03-021) Reactor Oversight Process Self-Assessment Program 01/14/04 (04-001) Reactor Oversight Process (ROP) Basis Document 07/27/04 (04-020)	
	0308, Att 1	Technical Basis for Performance Indicators 10/06/04 (04-025)	
	0308, Att 2	Technical Basis for Inspection Program 01/26/05 (05-003)	
	0308, Att 3	Technical Basis for Significance Determination Process 09/10/04 (04-023)	

¹The date and numbers in parentheses to the right of the chapter/inspection procedure title are the issue date and the change notice number under which the title was issued.

Issue Date: 05/02/05 - 1 - TABLE OF CONTENTS

CHAPTER

	0308, Att 3, A	App A Technical Basis for At Power Significance Determination
	0308. Att 3. /	Process 07/27/04 (04-020) App B Technical Basis for Emergency Preparedness Significance
		Determination Process 07/27/04 (04-020)
	0308, Att 3, A	App C Technical Basis for Occupational Radiation Safety
	0308 Att 3	Significance Determination Process 07/27/04 (04-020) App D Technical Basis for Public Radiation Safety
	0000, 7 ttt 0, 7	Significance Determination Process 07/27/04 (04-020)
	0308, Att 3, A	App F Technical Basis for Fire Protection Significance
		Determination Process [IMC 0609, Appendix F] At Power
	0308 4# 3	Operations 02/28/05 (05-007) App G Technical Basis for Shutdown Operations Significance
	0300, All 3, 7	Determination Process 02/28/05 (05-007)
	0308, Att 3, A	App H Technical Basis for Containment Integrity Significance
		Determination Process 05/06/04 (04-010)
	0308, Att 3, A	App I Technical Basis for Operator Requalification Human
		Performance Significance Determination Process 07/27/04 (04-020)
	0308, Att 3, A	App J Technical Basis for Steam Generator Tube Integrity Findings
		Significance Determination Process 05/06/04 (04-010)
	0308, Att 4	Technical Basis for Assessment
	0308, Att 5	07/27/04 (04-020) Technical Basis for Enforcement
	0300, All 3	07/27/04 (04-020)
	0309	Reactive Inspection Decision Basis For Reactors
	00.10	11/05/03 (03-036)
	0312	Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees'
		Sites 06/06/02 (02-023)
	0330	Guidance for NRC Review of Licensee Draft Documents 07/08/96
		(96-015)
	0350	Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 13/31/03 (03,043)
		With Performance Problems 12/31/03 (03-042)
0400	Enforcement	: Policy
		
2500	Tracking Cyc	atomo.
J500	Tracking Sys	<u>sterns</u>
0600	<u>Documentati</u>	on of Program Findings
	0608	Porformance Indicator Program 12/01/04 (04 027)
	0609	Performance Indicator Program 12/01/04 (04-027) Significance Determination Process 03/21/03 (03-010)
	0609.01	Enforcement Review Panel 06/20/03 (03-021)
	0609.02	Process For Appealing NRC Characterization of Inspection
	0600 03	Findings (SDP Appeal Process) 04/30/02 (02-022)
	0609.03 0609 App A	Senior Reactor Analyst Support Objectives 08/16/01 (01-015) Determining the Significance of Reactor Inspection Findings for At-
	0000 / lpp / l	Power Situations 12/01/04 (04-027)
	0609 App B	Emergency Preparedness Significance Determination Process
	0600 455 0	03/06/03 (03-007)
	0609 App C	Occupational Radiation Safety Significance Determination Process 12/16/03 (03-041)

CHAPTER

- 0609 App D Public Radiation Safety Significance Determination Process 07/24/03 (03-025)
- 0609 App E Interim Physical Protection Significance Determination Process 08/14/01 (01-014)
- 0609 App F Fire Protection Significance Determination Process 02/28/05 (05-007)
- 0609, App F, Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 02/28/05 (05-007)
- 0609, App F, Att 2 Degradation Rating Guidance Specific to Various Fire Protection Program Elements 02/28/05 (05-007)
- 0609, App F, Att 3 Guidance for Identifying Fire Growth and Damage Scenarios 02/28/05 (05-007)
- 0609, App F, Att 4 Fire Ignition Source Mapping Information: Fire Frequency, Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves 02/28/05 (05-007)
- 0609, App F, Att 5 Characterizing Non-Simple Fire Ignition Sources 02/28/05 (05-007)
- 0609, App F, Att 6 Guidance for the Identification of Targets and Their Ignition and Damage Criteria 02/28/05 (05-007)
- 0609, App F, Att 7 Guidance for Fire Growth and Damage Time Analysis 02/28/05 (05-007)
- 0609, App F, Att 8 Guidance for Fire Non-Suppression Probability Analysis 02/28/05 (05-007)
- 0609 App G Shutdown Operations Significance Determination Process 02/28/05 (05-007)
- 0609, App G, Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/25/04 (04-015)
- 0609, App G, Att 2 Phase 2 Significance Determination Process Template for PWR During Shutdown 02/28/05 (05-007)
- 0609, App G, Att 3 Phase 2 Significance Determination Process Template for BWR During Shutdown 02/28/05 (05-007)
- 0609 App H Containment Integrity Significance Determination Process 05/06/04 (04-010)
- 0609 App I Operator Requalification Human Performance Significance Determination Process 03/27/02 (02-011)
- 0609 App J Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
- 0610 Inspection Reports 05/18/04 (04-014)
- O612 Power Reactor Inspection Reports 01/14/04 (04-001)
- 0612, Exh 1 Standard Reactor Inspection Report Outline 06/20/03 (03-021)
- 0612, Exh 2 Inspection Report Documentation Matrix 06/20/03 (03-021)
- 0612, Exh 3 Sample Reactor Inspection Report 06/20/03 (03-021)
- 0612, Exh 4 Sample Cover Letters 06/20/03 (03-021)
- 0612, App A List of Acronyms Used in IMC 0612 06/20/03 (03-021)
- 0612, App B Issue Screening 06/20/03 (03-021)
- 0612, App C Documentation Guidance For Supplemental Inspections 06/20/03 (03-021)
- 0612, App D Guidance for Documenting Inspection Procedure 71152, "Identification and Resolution of Problems" 06/20/03 (03-021)
- 0612, App E Examples of Minor Issues 06/20/03 (03-021)
- 0615 Research and Test Reactor Inspection Reports 06/23/04 (04-018)

CHAPTER

0620 Inspection Documents and Records 07/08/96 (96-015) 0630 Analysis of the Impact of Noncompliance with Physical Security Requirements 10/01/82 (82-09) 0700 Communications With Licensees 0730 Generic Communications Regarding Materials and Fuel Cycle Issues 10/22/02 (02-040) 0800 Feedback - Improving the Regulatory Process Reactor Oversight Process Feedback Program 01/27/05 (05-004) 0801 0900 Reporting of Events/Incidents 0970 Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024) 1000 Regional Office Program Interfaces 1007 Interfacing Activities Between Regional Offices of NRC and OSHA 02/11/04 (04-006) 1100 Notifications of Meetings and Conferences 1120 Preliminary Notifications 12/16/03 (03-041) 1200 Inspector Requirements Conduct of Employees 06/29/99 (99-010) 1201 Senior Resident Inspector Site Turnover 01/17/02 (02-001) 1202 Processing of NRC Form 241, "Report of Proposed Activities 1220 In Non-Agreement States," Areas of Exclusive Federal Jurisdiction and Offshore Waters, and Inspection of Agreement State Licensees Operating Under 10 CFR 150.20 05/01/03 (03-013) 1220, APP I Procedures and Guidelines For Processing NRC Form 241 05/01/03 (03-013) 1220, App II Procedures Letter to be Sent to Licensees With Procedures and Information for Filing NRC Form 241 05/01/03 (03-013) 0220. App III Inspection of Agreement State Licensees 05/01/03 (03-013) 1230 Quality Assurance Program for Radiological Confirmatory Measurements 10/01/83 (83-12) 1232 Collection, Preparation, and Shipment of Independent Measurement Samples 11/18/86 (86-52) 1240 Unescorted Access At Power Reactors 12/01/04 (04-027)

<u>PART</u>

CHAPTER

1245	Qualification Program For the Office of Nuclear Reactor
	Regulation Programs 06/29/04 (04-019)
1245 Att 1	General Overview of the Inspector Training and Qualification
	Program 05/01/03 (03-014)
1245 Att 2	Inspector Competencies 04/05/02 (02-014)
1245 Att 3	General Orientation Topics 04/05/02 (02-014)
1245 App A	Basic-level Training and Certification Journal 08/24/04 (04-022)
1245 App B	General Proficiency-Level Training and Qualification Journal
1240 App D	06/29/04 (04-019)
1245 App C	\
1243 App C	Qualification Journal 08/24/04 (04-022)
1245 App C	
1245 App C2	
1015 App C	and Qualification Journal 08/24/04 (04-022)
1245 App C3	
4045.04	Qualification Journal 08/24/04 (04-022)
1245 C4	Reactor Safeguards Inspector Technical Proficiency Qualification
1015.05	Journal 04/05/02 (02-014)
1245 C5	Research and Test Reactor Inspector Technical Proficiency
	Qualification Journal 04/05/02 (02-014)
1245 App C6	
	Training and Qualification Journal 08/24/04 (04-022)
1245 C8	Vender Inspector Technical Proficiency Qualification Journal
	05-28/03 (03-017)
1245 C9	Construction Inspector Technical Proficiency Qualification Journal
	05/01/03 (03-014)
1245 App C ²	10 Operator Licensing (OL) Examiner Technical Proficiency
	Training and Qualification Journal 08/24/04 (04-022)
1245 D1	Senior Reactor Analyst Training and Qualification Program
	02/18/05 (05-006)
1245 D3	02/18/05 (05-006) Engineering Specialties Training Areas 04/05/02 (02-014)
1245 D3 1246	Engineering Specialties Training Areas 04/05/02 (02-014)
1245 D3 1246	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety
1246	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002)
1246 1246 APP A	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002)
1246 1246 APP A Sec. I	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002)
1246 1246 APP A Sec. I Sec. II	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002)
1246 1246 APP A Sec. I Sec. II	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security
1246 1246 APP A Sec. I Sec. II Sec. IV	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002)
1246 1246 APP A Sec. I Sec. II Sec. IV	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. VI	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002)
1246 APP A Sec. I Sec. II Sec. IV Sec. IV Sec. V Sec. VI	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. VI	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002)
1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers
1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012)
1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012) Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012) Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X Sec. X	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012) Materials Exempt Distribution License Reviewer 01/05/01 (01-002) Uranium Recovery Inspector 01/05/01 (01-002)
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X Sec. X Sec. XI	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012) Materials Exempt Distribution License Reviewer 01/05/01 (01-002) Uranium Recovery Inspector 01/05/01 (01-002) Uranium Recovery Project Manager/Technical Reviewer
1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X Sec. X Sec. XI	Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002) Training Activities 01/05/01 (01-002) Materials License Reviewer 01/05/01 (01-002) Materials Health Physics Inspector 01/05/01 (01-002) Fuel Cycle Safety Inspector 01/05/01 (01-002) Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002) NMSS Spent Fuel Project Office Qualification Journal 01/26/05 (05-002) Fuel Cycle License Reviewer 01/05/01 (01-002) Waste Management Inspectors and License Reviewers 01/05/01 (01-002) Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012) Materials Exempt Distribution License Reviewer 01/05/01 (01-002) Uranium Recovery Inspector 01/05/01 (01-002)

1300

1400

CHAPTER

Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Training Requirements for Sealed Source and Device Reviewers 02/11/04 (04-006)
1246 APP B	NRC Inspector, License Reviewer and Project
	Manager/Technical Reviewer Training and Qualification Journal 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector - Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material
	Control and Accounting (MC&A) 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage
0 \	System Safety Inspector 01/05/01 (01-002)
Sec. VII	Fuel cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspector and License Reviewer 01/05/01 (01-002)
Sec. IX	Decommissioning Inspector 01/05/01 (01-002)
Sec. X	Decommissioning Project Manager/Technical Reviewer
Sec. XI	04/14/03 (03-012)
Sec. Al	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
0 \\(\) \(\)	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 04/14/03 (03-012)
Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Technical Reviewer Qualification Journal Byproduct Material
	Sealed Source and Device Reviewers 02/11/04 (04-006)
Incident Res	ponse
•	
1301	Response to Non-Emergency Incidents Involving Radioactive Material 10/20/00 (00-022)
1302	Action Levels For Radiation Exposures and Contamination
	Associated With Materials Events Involving Members of the
1202	Public 12/31/97 (97-019)
1303	Requesting Emergency Acceptance of Radioactive Material by the U.S. Department of Energy (DOE) 12/30/02 (02-046)
1330	Response to Transportation Accidents Involving Radioactive
1000	Materials 10/06/04 (04-025)
1360	Use of Physician and Scientific Consultants in the Medical Consultant Program 04/24/02 (02-020)
	3011341411 10gram 5 1/2 1/02 (02 020)
Doorwad	
Reserved	
1415	State Contracts for Environmental Monitoring 06/28/91
	(91-009)

PART			
	CHAPTER		
1500	Reserved		
1600	Emergency Preparedness		
	1601	Communication Protocol For Assessing Offsite Emergency Preparedness Following a Natural Disaster 06/24/03 (03-020)	
1700	Reserved		
1800	Reserved		
1900	Reserved		
2000	Reserved		
2100	Reserved		
2200	Nuclear Security and Incident Response		
	2201	Security and Safeguards Inspection Program For Commercial	
	2201 App A	Power Reactors 02/19/04 (04-007) Security and Safeguards Baseline Inspection Program	
	2201 App C	02/19/04 (04-007) Supplemental Inspection Program 02/19/04 (04-007) Generic, Special, and Infrequent Inspections 02/19/04 (04-007) Facility Status Reviews 02/19/04 (04-007)	
2300	High Level V	<u>Vaste</u>	
	2300	Yucca Mountain Pre-Operation Inspection Program 06/20/01 (01-013)	
2400	Low Level Waste Program		
	2401	Near-Surface Low-Level Radioactive Waste Disposal	
	2410	Facility Inspection Program 11/27/01 (01-028) Conduct of Observation Audits 07/12/00 (00-012)	
2500	Reactor Insp	pection Program	
	2500/020	Inspection to Determine Compliance with ATWS Rule	
	2501	10 CFR 50.62 08/06/03 (03-028) Nuclear Reactor Inspection Program - Early Site Permit) 05/29/03 (03-018)	

Issue Date: 05/02/05 - 7 - TABLE OF CONTENTS

CHAPTER

2509	Browns Ferry Unit 1 Restart Project Inspection Program
2514	09/08/03 (03-032) Light Water Reactor Inspection Program - Startup Testing Phase 08/21/89 (89-013)
2514 App A 2515	
2515 App A 2515 App B 2515 App C	Risk-Informed Baseline Inspection Program 01/17/02 (02-001) Supplemental Inspection Program 03/23/05 (05-008)
2515 App D 2515/111	Plant Status 01/26/05 (05-003) Electrical Distribution System Followup Inspection 08/06/03 (03-028)
2515/142	Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030) (Note this TI contains safeguards material)
2515/148 Rev. 2	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures 03/19/03 (03-009)
2515/149	Mitigating systems Performance Index Pilot Verification 09/24/02 (02-034)
2515/150 Rev. 3 2515/151	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Order EA-03-009) 02/18/05 (05-006) Expanded Pilot Force-on-Force Exercise Evaluation
2515/152 Rev. 1 2515/153 Rev. 1	02/06/03 (03-002) Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02) 11/05/03 (03-036) Reactor Containment Sump Blockage (NRC Bulletin 2003-01) 02/18/05 (05-006)
2515/154	Spent Fuel Material Control and Accounting at Nuclear Power Plants 11/26/03 (03-038)
2515/155	Mark I and Mark II Containment Vulnerabilities 12/12/03 (03-040) Note: TI withheld from public disclosure since
2515/156 2515/157	it contains sensitive security information. Offsite Power System Operational Readiness 04/29/04 (04-009) Mark I and Mark II Containment Operations 05/06/04 (04-012) Note: TI withheld from public disclosure since
2515/158	it contains sensitive security information Functional Review of Low Margin/Risk Significant Components and Human Actions 06/14/04 (04-017)
2515/159	Review of Generic Letter 89-13: Service Water System Problems Affecting Safety-Related Equipment 07/29/04 (04-021)
2515/160	Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01) 10/06/04 (04-025)
2515/161	Transportation of Reactor Control Rod Drives in Type A Packages 03/30/05 (05-009)
2515/162 2515/163 2516	SAFEGUÀRDS INFORMATION 04/13/05 (05-010) Operational Readiness of Offsite Power 05/02/05 (05-011) Policy and Guidance For The License Renewal Inspection
2530 2535	Programs 02/18/05 (05-006) Integrated Design Inspection Program 04/24/85 (85-17) Design Verification Programs 03/24/89 (89-007)

CHAPTER

2545 Research and Test Reactor Inspection Program 06/23/04 (04-018)
2561 Decommissioning Power Reactor Inspection Program
04/14/03 (03-012)

CHAPTER

2561/003 Re-Examination of Year 2000 (Y2K) Program Activities at Selected Decommissioning Reactors 11/30/99 (99-019)
2561/004 Safeguards and Emergency Preparedness Inspection of Interim Compensatory Measures at Decommissioning Power Reactors 04/22/03 (03-011)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 04/14/03 (03-012)
2600/003	Operational Safety Review 07/29/04 (04-021)
2600/006	Resident Inspector Program for Category I Fuel Cycle Facilities 07/29/04 (04-021)
2600/008	Inspection Guidance and Requirements for Interim Compensatory Measures (ICMs) at the Honeywell Conversion Plant, Metropolis, Illinois 07/11/02 (02-028)
2600/009	Inspection of Interim Compensatory Measures (ICMs) At Gaseous Diffusion Plants (GDP) 06/05/03 (03-019)
2600/011	Verification of Disposition of Potentially Defective 1-Inch Hunt Valves for Uranium Hexafluoride Cylinders 01/05/05 (05-001)
2601	Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)
2602	Decommissioning Inspection Program For Fuel Cycle Facilities and Materials Licensees 06/04/97 (97-007)
2603	Inspection of the Nuclear Chemical Process Safety Program at Fuel Cycle Facilities 01/16/96 (96-001)
2604	Licensee Performance Review 06/28/02 (02-024)
2605	Decommissioning Procedures For Fuel Cycle and Material Licensees 11/12/96 (96-022)
2610	Inspection Program at Nuclear Fuel Services Plant Erwin, Tennessee 01/09/86 (86-01)
2620	On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act) 10/05/01 (01-020)
2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2681	Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 09/26/96 (96-020)
2681/007	Inspection of Safeguards Interim Compensatory Measures at Nuclear Fuel Facilities Possessing Strategic Special Nuclear Material (SNMM) 08/08/03 (03-029)
2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
2683	MC&A Safeguards Inspection of Fuel Facilities 07/22/99 (99-011)
2690	Inspection Program For Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations 12/03/01 (01-029)
2690 App A	Inspection Program for an ISFSI Located at a Reactor Site 12/03/01 (01-029)
2690 App B	Inspection Program for an ISFSI Located Away From Any Reactor Site 12/03/01 (01-029)

2700 Licensee Contractor and Vendor Inspection Program

2700 Vendor Inspection Program (VIP) 10/29/90 (90-013)

CHAPTER

2800 Materials Inspection Program

2800 2800/030	Materials Inspection Program 11/25/03 (03-037) Verification of the Status of Devices Authorized For Use
2800/032	Under a General License 05/30/00 (00-011) Followup - Materials Safeguard Advisory 10/31/01 (01-023)
2800/034	Inspection of Panoramic and Underwater Irradiators Additional Security Measures 02/12/04 (04-005)
2800/035	Verification of Licensee Responses to NRC Bulletin 2003-04 Regarding Inventories of Source and Special Nuclear Materials Tracked in the Nuclear Materials Management and Safeguards System 07/29/04 (04-021)
2800/036	Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024)
2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Inspection Program 09/15/03 (03-034)
2815	Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2882	Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)

2900 Performance Appraisal Program

2900	Performance Appraisal Program DI 04/04/85 (85-14)
2901	Team Inspections 08/24/01 (01-016)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)

3000 <u>Management Meetings</u> 30800B <u>Initial Management Meeting</u> - Materials Licensees 10/01/76 (76-26)

21	0	n	Res	On	201
J	יטו	U	ノてる	c_{1}	cu

3200 Reserved

3300 Reserved

3400 Reserved

3500 Quality Assurance

Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018) 35002

TABLE OF CONTENTS Issue Date: 05/02/05 - 11 -

PART PROCEDURE

	35004	Pre-Docketing Early Site Permit Quality Assurance Controls
	35006	Inspection 05/29/03 (03-018) Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
	35012	Farly Site Permit Quality Assurance Controls Assessment and
	35301 35501 35701	Conclusion 05/29/03 (03-018) Preoperational Testing - Quality Assurance 08/06/03 (03-028) QA for the Startup Test Program 01/20/84 (84-04) Quality Assurance Program Review 09/17/01 (01-017)
3600	<u>Organization</u>	and Administration
	36100	10 CFR Part 21 Inspections at Nuclear Power Reactors
	36800 36801	08/30/91 (91-011) Organization 09/17/01 (01-017) Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)
3700	Design, Desi	gn Changes, Modifications
	37001 37550 37551 37700 37801	10 CFR 50.59 Safety Evaluation Program 06/24/98 (98-010) Engineering 11/15/99 (99-018) Onsite Engineering 06/24/98 (98-010) Design Changes, and Modifications 09/17/01 (01-017 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)
3800	Procurement	
	38703	Commercial Grade Dedication 04/08/96 (96-007)
3900	Records	
	39701	Records Program 09/17/01 (01-017)
4000	Review and A	<u>Audit</u>
	40001 40002 40500	Resolution of Employee Concerns 06/03/97 (97-006) Inspections to Review Allegations 06/28/02 (02-024) Effectiveness of Licensee Process to Identify, Resolve, and Prevent Problems 05/03/99 (99-008)
	40801	Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)
4100	<u>Training</u>	
	41500	Training and Qualification Effectiveness 06/13/95 (95-007)

PART	PROCEDUR	<u>RE</u>	
4200	<u>Procedures</u>		
	42001 42700	Emergency Operating Procedures 06/28/91 (91-009) Plant Procedures 11/15/95 (95-015)	
4300	Vendor Prod	<u>cedures</u>	
	43001	Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)	
4400	Reserved		
4500	Geotechnica	al/Foundation	
	45051	Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)	
4600	Structural C	<u>oncrete</u>	
4700	Containmen	t (Post-Tensioning)	
4800	Structural S	teel and Supports	
4900	<u>Piping</u>		
	49001	Inspection of Erosion/Corrosion Monitoring Programs	
	49055	12/11/98 (98-019) Reactor Coolant Pressure Boundary Piping Record Review 08/16/82 (82-07)	
5000	Mechanical	Components and Equipment	
	50001 50002 50090 50100	Steam Generator Replacement Inspection 09/06/00 (00-015) Steam Generators 12/31/96 (96-024) Pipe Support and Restraint Systems 08/06/03 (03-028) Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)	
5100	Electrical Co	omponents and Systems	
	51053	Electrical Components and systems - Work Observation 08/06/03 (03-028)	
	51055	Electrical Components and Systems - Record Review 08/06/03 (03-028)	
	51061	Electrical Cable - Procedure Review 08/06/03 (03-028)	

Issue Date: 05/02/05 - 13 -TABLE OF CONTENTS

PART PROCEDURE		
5200	Instrumentation Systems and Components	
	52001 52002	Digital Retrofits Receiving Prior Approval 03/02/98 (98-003) Digital Retrofits Not Receiving Prior Approval 03/02/98 (98-003)
5300	Containmen	t Penetrations
5400	Cleanliness	
5500	Welding	
	55050	Nuclear Welding General Inspection Procedure 06/20/83 (83-06)
	55100	Structural Welding General Inspection Procedure 06/20/83 (83-06)
5600	Calibration	
	56700	Calibration 03/23/05 (05-008)
5700	Nondestructive Examination, Destructive Examination and Fabrication Testing	
	57050 57060 57070 57080 57090	Visual Testing Examination 03/09/99 (99-003) Liquid Penetrant Testing Examination 03/09/99 (99-003) Magnetic Particle Testing Examination 03/09/99 (99-003) Ultrasonic Testing Examination 03/09/99 (99-003) Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005)
5800	Special Prod	<u>cesses</u>
5900	Reserve Shu	utdown System
6000	Fuel Fabrication, Handling and Storage	
	60705 60710 60801	Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
	60851 60852	Design Control of ISFSI Components 08/08/03 (03-030) ISFSI Component Fabrication By Outside Fabricators
	60853	08/08/03 (03-030) On-Site Fabrication of Components and Construction of an ISFSI 02/11/04 (04-006)

PROCEDURE

60854 Preoperational Testing of an ISFSI 03/28/02 (02-012)

Issue Date: 05/02/05 - 15 - TABLE OF CONTENTS

PROCEDURE

	60854.1 60855 60855.1 60856 60856.1 60857	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 02/02/04 (04-003) Operation of an ISFSI 03/28/02 (02-012) Operation of an Independent Spent Fuel Storage Installation at Operating Plants 02/02/04 (04-003) Review of 10 CFR 72.212(b) Evaluations 04/02/03 (03-008) Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003) Review of 10 CFR 72.48 Evaluations 01/26/05 (05-002)
6100	Surveillance	
	61705	Calibration of Nuclear Instrumentation Systems
	61706 61707	05/12/86 (86-25) Core Thermal Power Evaluation 07/14/86 (86-36) Determination of Reactor Shutdown Margin 10/11/85
	61708	(85-31) Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31)
	61709	Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36)
	61710	Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
	61715 61720 61726 61728	Verification of Containment Integrity 12/23/86 (86-60) Containment Local Leak Rate Testing 10/03/85 (85-30) Surveillance Observations 06/24/98 (98-010) Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)
6200	Maintenance	<u>2</u>
	62002	Inspection of Structures, Passive Components, and Civil
	62003	Engineering Features at Nuclear Power Plants 12/31/96 (96-024) Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
	62706 62709	Maintenance Rule 12/13/00 (00-028) Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
	62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding 01/17/02 (02-001)
	62708 62801	Motor-Operated Valve Capability 09/12/00 (00-018) Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)

6300 Construction Testing

6400 Fire Prevention/Protection

Fire Protection Program 06/24/98 (98-010) 64704

Reactors 08/11/97 (97-012)

PROCEDURE

6500 Reserved

6600 Reserved

6700 Reserved

6800 Reserved

6900 Non-Power Reactor Inspection

69001	Class II Research and Test Reactors 02/03/04 (04-004)
69002	Class III Research and Test Reactors 02/03/04 (04-004)
69003	Class I Research and Test Reactor Operator Licenses, Requalification, and Medical Examinations 02/03/04 (04-004)
69004	Class I Research and Test Reactor Effluent and Environmental Monitoring 02/03/047 (04-004)
69005	Class I Research and Test Reactor Experiments 02/03/04 (04-004)
69006	Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)
69007	Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)
69008	Class I Řesearch and Test Reactor Procedures 02/03/04 (04-004)
69009	Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)
69010	Class I Research and Test Reactor Surveillance 02/03/04 (04-004)
69011	Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)
69012	Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)
69013	Research and Test Reactor Decommissioning 02/03/04 (04-004)

7000 Preoperational Testing

70304	Engineered Safety Features Test - Preoperational Test Procedure
	Review 08/06/03 (03-028)
70307	Containment Integrated Leak Rate Test - Procedure
	Review 03/07/86 (86-13)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323	Containment Leak Rate Test Results Evaluation
	10/03/85 (85-30)
70370	Testing Piping Support and Restraint Systems 03/07/86 (86-13)

7100 Operations (License & TS Requirements)

71001	Licensed Operator Requalification Program Evaluation
	07/23/98 (98-011)
71002	License Renewal Inspection 02/18/05 (05-006)

PART PROCEDURE

71003	Post-Approval Site Inspection for License Renewal
	02/18/05 (05-006)
71004	Power Uprate 07/09/02 (02-027)
71005	Inspector Review of Licensing-Related Information
	08/05/03 (03-027)
71007	Reactor Vessel Head Replacement Inspection 07/10/03 (03-024)
71111	Reactor Safety-Initiating Events, Mitigating Systems,
	Barrier Integrity 05/06/03 (03-015)
71111.DS	Safety System Design and Performance Capability
	05/06/03 (03-015)
71111.EP	Equipment Availability, and Functional Capability 05/06/03 (03-015)
71111.HS	Heat Sink Performance 05/06/03 (03-015)
71111.ST	Post-Maintenance and Surveillance Testing 05/06/03 (03-015)
71111.01	Adverse Weather Protection 04/13/04 (04-008)
71111.02	Evaluation of changes, Tests, or Experiments
	07/07/03 (03-023)
71111.04	Equipment Alignment 01/17/02 (02-001)
	Fire Protection (Annual / Quarterly) 09/10/04 (04-023)
71111.05T	Fire Protection (Triennial) 02/18/05 (05-006)
71111.06	Flood Protection Measures 01/17/02 (02-001)
71111.07	Heat Sink Performance 01/17/02 (02-001)
71111.08	Inservice Inspection Activities 05/11/04 (04-013)
71111.11	Licensed Operator Requalification Program 12/16/03 (03-041)
71111.12	Maintenance Effectiveness 07/01/02 (02-025)
71111.13	Maintenance Risk Assessments and Emergent Work Evaluation 01/17/02 (02-001)
71111.14	Personnel Performance Related to Nonroutine Plant Evolutions
	and Events 07/07/03 (03-023)
71111.15	Operability Evaluations 02/02/04 (04-003)
71111.16	Operator Workarounds 01/17/02 (02-001)
71111.17	Permanent Plant modifications 01/17/02 (02-001)
71111.19	Post Maintenance Testing 01/17/02 (02-001)
71111.20	Refueling and Outage Activities 05/06/04 (04-011)
71111.21	Safety System Design and Performance Capability 04/13/04 (04-008)
71111.22	Surveillance Testing 05/11/04 (04-013)
71111.23	Temporary Plant Modifications 01/17/02 (02-001)
71114	Reactor Safety-Emergency Preparedness 07/09/02 (02-027)
71114.01	Exercise Evaluation 07/09/02 (02-027)
71114.02	Alert and Notification System Testing 07/09/02 (02-027)
71114.03	Emergency Response Organization Augmentation Testing 07/09/02 (02-027)
71114.04	Emergency Action Level and Emergency Plan Changes
74444.05	07/09/02 (02-027)
71114.05	Correction of emergency Preparedness Weaknesses and
74444 00	Deficiencies 07/09/02 (02-027)
71114.06	Drill Evaluation 07/09/02 (02-027)
71121	Occupational Radiation Safety 03/06/02 (02-008)
71121.01	Access Control to Radiologically Significant Areas
71121 02	03/06/02 (02-008)
71121.02 71121.03	ALARA Planning and Controls 03/06/08 (02-008)
71121.03 71122	Radiation Monitoring Instrumentation 03/06/02 (02-008) Public Radiation Safety 01/24/03 (03-001)
11144	1 ubite Natiation Salety 01/24/05 (05-001)

PROCEDURE

71122.01	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems 01/24/03 (03-001)
71122.02	Radioactive Material Processing and Transportation
	01/24/03 (03-001)
71122.03	Radiological Environmental Monitoring Program (REMP) 01/24/03 (03-001)
71130	Physical Protection 02/19/04 (04-007)
71130.01	Access Authorization 02/19/04 (04-007)
71130.02	Access Control 02/16/04 (04-007)
71130.02	Contingency Response - Force-On-Force Testing
7 1 100.00	11/10/04 (04-026)
71130.04	Equipment Performance, Testing Maintenance 02/19/04 (04-007)
71130.05	Protective Strategy Evaluation 02/19/04 (04-007)
71130.06	Inspection of Security Plan Changes 02/19/04 (04-007)
71130.07	Security Training 02/19/04 (04-007)
71130.08	Fitness For Duty Training 02/19/04 (04-007)
71130.09	Owner-Controlled Area Controls 02/19/04 (04-007)
71150	Discrepant or Unreported Performance Indicator Data
	03/06/01 (01-006)
71151	Performance Indicator Verification 10/06/04 (04-025)
71152	Identification and Resolution of Problems 09/08/03 (03-032)
71153	Event Followup 06/24/03 (03-020)
71707	Plant Operations 12/31/98 (98-020)
71714	Cold Weather Preparations 09/17/01 (01-017)
71715	Sustained Control Room and Plant Observation 04/14/92
	(92-004)
71750	Plant Support Activities 06/24/98 (98-010)
71801	Decommissioning Performance and Status Review at
	Permanently Šhutdown Reactors 08/11/97 (97-012)
71841	Human Performance 12/12/00 (00-027)
71846B	Review of Conduct of Operations 10/01/76 (76-24)
	, , ,

7200 Startup Testing

72300 72301 72302	Startup Test Procedure Review 01/20/84 (84-04) Startup Test Results Evaluation 01/20/84 (84-04) Startup Test Witnessing and Observation 01/20/84 (84-04)
72400B	Overall Startup Test Program 07/01/80 (80-16)
72500B	Initial Fuel Loading Procedure 04/30/75 (75-16)
72502B	Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)
72504B	Heatup Phase Procedure Review 04/30/75 (75-16)
72508B	Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)
72509B	Power Ascension Procedure Review: Control Rod Drive System 07/01/80 (80-16)
72510B	Power Ascension Procedure Review - Relief Valves and MSIVs 04/30/75 (75-16)
72512B	Startup Test Procedure Review - RCIC or Recirculation Pump Trip 04/30/75 (75-16)
72514B	Startup Test Procedure Review - Turbine Trip/Generator Trip 07/01/80 (80-16)

PROCEDURE

72516B	Startup Test Procedure Review - Shutdown From Outside the Control Room (Group A) 07/01/80 (80-16)
72517B	Startup Test Procedure Review: Loss of Offsite Power (Group A & B) 07/01/80 (80-16)
72518B	Startup Test Procedure Review - Core Performance 07/01/80 (80-16)
72524 72526 72532	Initial Fuel Loading Witnessing 01/20/84 (84-04) BWR Initial Criticality Witnessing 01/20/84 (84-04) Power Level Plateau Data Review (BWR) 01/20/84 (84-04)
72564B	Precritical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16)
72566B	Precritical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16)
72570B 72572B	Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and
72576B	Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement
72578B	07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16)
72580B	Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16)
72582B	Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16)
72583B	Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16)
72584B	Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16)
72592 72596B	PWR Initial Criticality Witnessing 01/20/84 (84-04) Precritical Data Review 07/01/80 (80-16)
72600B	Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16)
72608B	Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16)
72616B	Power Level Plateau Data Review (75% PWR) 07/01/80 (80-16)
72624B	Power Level Plateau Data Review (100% PWR) 07/01/80 (80-16)
72701	Modification Testing 04/14/92 (92-004)

7300 Inservice Inspection

73051	Inservice Inspection - Review of Program 01/14/86 (86-03)
73052	Inservice Inspection - Review of Procedures 01/14/86 (86-03)
73753	Inservice Inspection 06/24/98 (98-010)
73755	Inservice Inspection - Data Review and Evaluation
	01/14/86 (86-03)
73756	Inservice Testing of Pumps and Valves 07/27/95 (95-009)

7400 Reserved

PROCEDURE

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

78060	Design Control (Pre-Licensing and Construction) [04/02/03 (03-008)]
78070	Procurement Document Control (Pre-Licensing and Construction) [04/02/03 (03-008)]
78080	Instruction, Procedures, and Drawings (Pre-Licensing and Construction) [04/02/03 (03-008)]
78090	Document Control (Pre-Licensing and Construction) [04/02/03 (03-008)]
78160	Control of Measuring and Test Equipment (Pre-Licensing and Construction) [04/02/03 (03-008)]
78170	Handling, Storage, and Shipping of Materials and Equipment (Pre-Licensing and Construction) [04/02/03 (03-008)]
78200	Corrective Action (Pre-Licensing and Construction) [04/02/03 (03-008)]
78300	Supplier/Vendor Inspection (Pre-Licensing and Construction) [04/02/03 (03-008)]

7900 Water Chemistry

79702 Control and monitoring of Radiological Source Term 04/17/00 (00-006)

8000 Environmental Protection

Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81001	Independent Spent Fuel Storage Installations 09/17/01 (01-017)
81001.1	Independent Spent Fuel Storage Installation(s) at Operating Plants
	02/02/04 (04-003)
81018	Security Plan and Implementing Procedures 05/09/84 (84-15)
81020	Management Effectiveness - Security Program 05/09/84 (84-15)
81022	Security Organization 05/09/84 (84-15)
81034	Security Program Audit 05/09/84 (84-15)
81038	Records and Reports 05/09/84 (84-15)
81042	Testing and Maintenance 05/09/84 (84-15)
81046	Locks, Keys, and Combinations 05/09/84 (84-15)
81052	Physical Barriers - Protected Areas 05/09/84 (84-15)

Issue Date: 05/02/05 - 21 - TABLE OF CONTENTS

PART PROCEDURE

81054	Physical Barriers - Vital Areas, Material Access Areas, and
81058	Controlled Access Areas 05/09/84 (84-15) Security System Power Supply 05/09/84 (84-15)
81062	Lighting 05/09/84 (84-15)
81064	Compensatory Measures 05/09/84 (84-15)
81066	Assessment Aids 05/09/84 (84-15)
81070	Access Control - Personnel 05/09/84 (84-15)
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81073	Access Control (Fuel Facility) - Packages, Material,
81074	and SSNM 05/09/84 (84-15) Access Control - Vehicles 05/09/84 (84-15)
81078	Detection Aids - Protected Areas 05/09/84 (84-15)
81080	Detection Aids - VA, MAA, and CAA 05/09/84 (84-15)
81084	Alarm Stations 05/09/84 (84-15)
81088	Communications 05/09/84 (84-15)
81110	Operational Safeguards Responsé Evaluation (OSRE)
	09/08/00 (00-017)
81310	Physical Protection of Shipments of Irradiated Fuel
0.4005	02/20/86 (86-09)
81335	Physical Protection of Shipments of SNM of Moderate
81340	Strategic Significance (MSNM) 02/20/86 (86-09) Physical Protection of Shipments of SNM of Low Strategic
01340	Significance (LSNM) 02/20/86 (86-09)
81360	General Requirements for Physical Protection of Formula
01000	Quantities of Special Nuclear Material in Transit
	08/20/86 (86-40)
81365	Records, Reports, and Planning for Physical Protection
	of Formula Quantities of Special Nuclear Material in
	Transit_08/20/86 (86-40)
81370	Specific Requirements for Physical Protection of
	Formula Quantities of Special Nuclear Materials in
81401	Transit 08/20/86 (86-40) Plans, Procedures, and Reviews 09/17/01 (01-017
81402	Reports of Safeguards Events 06/13/85 (85-23)
81403	Receipt of New Fuel at Reactor Facilities 09/17/01 (01-017
81411	Physical Protection for Reactors with Formula
0	Quantities of Special Nuclear Material 11/04/85 (85-34)
81421	Fixed Site Physical Protection of Special Nuclear Material
	of Moderate Strategic Significance 06/13/85 (85-23)
81431	Fixed Site Physical Protection of Special Nuclear
0.4.5.0.4	Material of Low Strategic Significance 09/17/01 (01-017)
81501	Personnel Training and Qualification - General Requirements
81502	05/09/84 (84-15) Fitness For Duty Program 05/31/91 (91-008)
81601	Safeguards Contingency Plan - Implementation Review
01001	05/09/84 (84-15)
81700	Physical Security Program for Power Reactors
000	07/01/97 (97-010)
81810	Protection of Safeguards Information 02/09/87 (87-03)
81815	Authorizations for Access to National Security Information
	(NSI) and Restricted Data (RD) 04/30/97 (97-005)
81820	Physical Protection Facility Approval and Safeguarding
	of National Security Information (NSI) and Restricted
	Data (RD) 04/30/97 (97-005)

PART PROCEDURE

	81910 81911 81912 81913 81914 81915 81916 81917 81918 81919 81920 81921 81922 81923 81924 81925 81925 81926 81927 81928 81929 81930 81931 81932 81933 81934 81935	Alarm Stations 02/19/91 (91-003) Assessment 02/19/91 (91-003) Badge Control 02/19/91 (91-003) Communications 02/19/91 (91-003) Duress Alarms 02/19/91 (91-003) EECP Machine Performance - Explosive Detectors 02/19/91 (91-003) EECP Machine Performance - Metal Detectors 02/19/91 (91-003) EECP Machine Performance - X-ray 02/19/91 (91-003) EECP Machine Performance - X-ray 02/19/91 (91-003) Emergency Power Supply 02/19/91 (91-003) Interior Alarms 02/19/91 (91-003) Intrusion Detection System 02/19/91 (91-003) Isolation Zone 02/19/91 (91-003) Keys, Locks, and Combinations 02/19/91 (91-003) Lighting 02/19/91 (91-003) Personnel Searches 02/19/91 (91-003) Protected Area Barriers 02/19/91 (91-003) Protected Area Housekeeping 02/19/91 (91-003) Strategic Special Nuclear Material Exit Searches 02/19/91 (91-003) Tactical Response Team Exercises 02/19/91 (91-003) Vehicle Barriers 02/19/91 (91-003) Vehicle Searches 03/18/91 (91-005) Warehouse Searches 03/18/91 (91-005) Weapons Qualification 02/19/91 (91-003)
8200	Emergency F	Planning
	82001 82201 82202 82301 82302 82701	Evaluation of Emergency Preparedness 05/22/00 (00-010) Emergency Detection and Classification 03/23/05 (05-008) Protective Action Decision Making 03/23/05 (05-008) Evaluation of Exercises for Power Reactors 12/31/96 (96-024) Review of Exercise Objectives and Scenarios for Power Reactors 06/24/98 (98-010) Operational Status of the Emergency Preparedness Program 12/31/96 (96-024)
8300	Radiation Pr	<u>otection</u>
	83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
	83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
	83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006)
	83502.02	Radioactive Material Process and Transportation 04/17/00 (00-006)

PART	PROCEDUR	DE
	83502.03	Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
	83521 83722	Radiation Protection - Startup 01/01/84 (84-01) Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic)
	83723	09/17/01 (01-017) General Employee, Radiation Safety, Plant Chemistry,
	83724	Radwaste, and Transportation Training 12/16/03 (03-041) External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006)
	83725 83726	Internal Exposure Control and Assessment 04/17/00 (00-006) Control of Radioactive Materials and Contamination, Surveys, and Monitoring 09/17/01 (01-017)
	83727 83728	Facilities and Equipment (Basic) 09/17/01 (01-017) Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
	83729	Occupational Exposure During Extended Outages 12/31/91 (91-021)
	83750 83801	Occupational Radiation Exposure 06/06/02 (02-023) Inspection of Final Surveys at Permanently Shutdown Reactors 01/28/02 (02-003)
	83822 83890	Radiation Protection 09/07/00 (00-016) Closeout Inspection and Survey 05/01/03 (03-013)
8400	Radioactive	Waste Management
	84100	Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)
	84101 84521 84750	Radioactive Waste Management 12/30/91 (91-022) Radwaste - Startup 01/01/84 (84-01) Radioactive Waste Treatment, and Effluent and Environmental
	84850	Monitoring 03/15/94 (94-006) Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61
	84900	06/06/02 (02-023) Low-Level Radioactive Waste Storage 10/20/00 (00-022)
8500	Material Cor	ntrol and Accountability
	85102	Material Control and Accounting - Reactors 03/29/85 (85-10)
	85200	MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15)
	85203	Facility Organization and Management Controls
	85205	01/17/86 (86-04) Facility Operations and Internal Controls 04/10/85 (85-15)
	85207 85209 85211 85215	Measurement Systems 01/17/86 (86-04) Measurement Control and Statistics 04/10/85 (85-15) Physical Inventory 01/17/86 (86-04) Records and Reports 01/17/86 (86-04)

PROCEDURE

85301 MC&A for Imports and Exports 07/18/84 (84-22)

Issue Date: 05/02/05 - 25 - TABLE OF CONTENTS

PROCEDURE

85303	MC&A Management Structure and Personnel Training and Qualification 03/18/91 (91-005)
85305	Item Monitoring 03/18/91 (91-005)
85307	Process Monitoring 03/18/91 (91-005)
85309	Measurement Systems and Control 03/18/91 (91-005)
85311	Physical Inventory 03/18/91 (91-005)
85313	Alarm Resolution 03/18/91 (91-005)
85315	Accounting and Internal Control 03/18/91 (91-005)
85401	Management Structure 07/22/99 (99-011)
85402	Measurement Control 07/22/99 (99-011)
85403	Measurement Control Program 07/22/99 (99-011)
85404	Physical Inventory 10/23/96 (96-021)
85405	Item Control Program 07/22/99 (99-011)
85406	Resolution Program 10/23/96 (96-021)
85407	Assessment Program 07/22/99 (99-011)
85408	Recordkeeping 07/22/99 (99-011)
85420	Inspection of IAEA Safeguards for Inspectors at Power
	Reactors 06/22/88 (88-07)
85425	Implementation of US/IAEA Safeguards Agreement at Fuel
	Facilities 06/22/88 (88-07)
85501	Inventory Program 07/22/99 (99-011)
85502	Detection Program 07/22/99 (99-011)
85503	Resolution Program 07/22/99 (99-011)

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

100-
0)
ión
(

8700 Materials Safety Inspection

87102	Maintaining Effluents From Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
87103	Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023)
87104	Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029)
87121	Industrial Radiography Programs 12/31/02 (02-047)
87122	Irradiator Programs 12/31/02 (02-047)
87123	Well Logging Programs 11/25/03 (03-037)
87124	Fixed and Portable Gauge Programs 11/25/03 (03-037)
87125	Materials Processor/Manufacturer Programs 12/31/02 (02-047)
87126	Industrial/Academic/Research Programs 12/31/02 (02-047)
87127	Radiopharmacy Programs 12/31/02 (02-047)
87129	Master Materials Program 09/15/03 (03-034)

PROCEDURE

87130	Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041)
87131	Nuclear Medicine Programs, Written Directive Required 10/24/02 (02-041)
87132	Brachytherapy Programs 10/24/02 (02-041)
87133	Medical Gamma Sterotactic Radiosurgery and Teletherapy Programs 10/24/02 (02-041)
87134	Medical Broad Scope Programs 10/24/02 (02-041)
87250	Locating Missing Materials Licensees 10/29/01 (01-022)
87654	Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct Material Site Decommissioning Inspection 03/19/02 (02-010)

8800 Fuel Facility Inspection

88001 88002	On-Site Construction 04/15/94 (94-011) Operational Event Review and Feedback Programs at Fuel Cycle Facilities 12/20/96 (96-025)
88003	Reactive Inspection For Events At Fuel Cycle Facilities 08/10/98 (98-012)
88005 88010 88015	Management Organization and Controls 12/20/96 (96-025) Operator Training/Retraining 05/23/84 (84-17) Headquarters Nuclear Criticality Safety Program 12/20/96 (96-025)
88020	Regional Criticality Safety Inspection Program 12/20/96 (96-025)
88025 88035 88045 88050 88055 88056 88057 88058 88059 88060 88061 88062 88063 88064 88065 88066 88100 88101 88102 88103 88104	Maintenance and Surveillance Testing 05/23/84 (84-17) Radioactive Waste Management 05/23/84 (84-17) Environmental Protection 05/23/84 (84-17) Emergency Preparedness 04/08/96 (96-007) Fire Protection 01/14/91 (91-001) Process Safety Information 01/16/96 (96-001) Hazard Identification Information 01/16/96 (96-001) Standard Operating Procedures 01/16/96 (96-001) Site-Wide Safety Procedures 01/16/96 (96-001) Detection and Monitoring 01/16/96 (96-001) Chemical Safety Training 01/16/96 (96-001) Maintenance and Inspection 01/16/96 (96-001) Emergency Response Procedures 01/16/96 (96-001) Incident Investigation 01/16/96 (96-001) Audits and Inspection 01/16/96 (96-001) Plant Operations 12/30/96 (96-026) Configuration Control 12/30/96 (96-026) Surveillance Observations 12/30/96 (96-026) Decommissioning Inspection Procedure For Fuel Cycle Facilities 07/03/02 (02-026)
88105	Management Organization and Controls 12/30/96 (96-026)

8900 Fuel Facility and Materials Special Program

89001 In-Situ Leach (ISL) Facilities 09/02/97 (97-013)

Issue Date: 05/02/05 - 27 - TABLE OF CONTENTS

PROCEDURE

9000	Reportable Matters and Report Reviews

90501B	Reportable Matters - Startup Test Program 04/30/75 (75-16)
90700	Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)
90712	Inoffice Review of Written Reports of Nonroutine Events at Power Reactor Facilities 12/31/98 (98-020)
90713	In Office Review of Periodic and Special Reports 09/17/01 (01-017)
90714	Nonroutine Reporting Program 09/17/01 (01-017)

9100 <u>Title 10 Requirements</u>

9200 Planned Non-Routine Activities

92050	Review of Quality Assurance For Extended Construction
	Delay 04/04/00 (00-005)
92700	Onsite Followup of Written Reports of Nonroutine Events
	at Power Reactor Facilities 12/31/98 (98-020)
92701	Followup 03/14/94 (94-005)
92702	Followup on Corrective Actions for Violations and Deviations
	03/14/94 (94-005)
92703	Followup of Confirmatory Action Letters 03/30/05 (05-009)
92709	Licensee Strike Contingency Plans 03/30/05 (05-009)
92711	Continued Implementation of Strike Plans During an Extended
	Strike 03/30/05 (05-009)
92712	Resumption of Normal Óperations After a Strike
	08/21/92 (92-010)
92901	Followup - Plant Óperations 09/17/01 (01-017)
92902	Followup - Maintenance 09/17/01 (01-017)
92903	Followup - Engineering 09/17/01 (Ò1-017)
92904	Followup - Plant Support 09/17/01 (01-017)
	, , , , , , , , , , , , , , , , , , , ,

9300 Non-Routine Activities

93001	OHSA Interface Activities 02/11/04 (04-006)
93702	Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
93800	Augmented Inspection Team 10/23/02 (02-039)
93801	Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
93802	Operational Safety Team Inspection (OSTI) 11/27/89 (89-015)
93803	Safety Systems Outage Modifications Inspection 04/27/89 (89-008)
93804	Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001)
93805 93806	Maintenance Program 08/06/93 (93-070) Operational Readiness Assessment Team Inspections 09/29/98 (98-015)

PART					
TECHNICAL GUIDANCE					
	93807	Systems Based Instrumentation and Control Inspection 01/29/93 (93-001)			
	93809	Safety System Engineering Inspection (SSEI) 06/23/97 (97-009)			
	93810	Service Water System Operational Performance Inspection (SWSOPI) 09/14/98 (98-013)			
	93811	Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002)			
	93812	Special Inspection 07/07/03 (03-023)			
9400	Technical Activities of an Administrative Nature				
9500	Strategic Determination Actions				
	95001	Inspection for One or Two White Inputs in a Strategic Performance Area 05/23/03 (03-016)			
	95002	Performance Area 05/23/03 (03-016) Inspection for One Degraded Cornerstone or Any three White Inputs in a Strategic Performance Area 05/23/03 (03-016)			
	95003	Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or One Red Input 01/17/02 (02-001)			
9600	Reserved				
9700	Reserved				
9800	Reserved				
9900	<u>Guidance</u> ²				
	99000 99100	Technical Guidance 05/12/86 (86-26) Health Physics Positions 10/30/92 (92-011)			
Technical Guidance					
Reg. Guide 1.16,		Para. C.2.a(2) and C.2.b(2) - Reporting Requirements - Degraded Mode 04/01/79 (79-05)			
Reg. Guide 1.16,		Para. C.2.a(3) - Reporting Requirements - Abnormal			

Reg. Guide 1.16,	Para. C.2.a(2) and C.2.b(2) - Reporting Requirements - Degraded Mode 04/01/79 (79-05)
Reg. Guide 1.16,	Para. C.2.a(3) - Reporting Requirements - Abnormal Degradation 04/01/78 (78-11)
Reg. Guide 1.16,	Para. C.2.a(4) - Reporting Requirements - Reactivity Anomalies 07/01/78 (78-24)

[[]XXXX.XX] attached to each document in Part 9900, is the file name for that document.

Issue Date: 05/02/05 - 29 -**TABLE OF CONTENTS**

TECHNICAL GUIDANCE

IECHNICA	<u>L GUIDANCE</u>			
Reg. Guide 1.33	"Procedure Implementation" as used in Section 6.8.1 of Standard Technical Specifications 04/01/77 (77-05)			
Reg. Guide 1.58	Qualifications of Nuclear Power Plant Inspection, Examination and Testing Personnel 04/01/77 (77-05)			
ASME Secton III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)			
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)			
ASME Section IX	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section IX 05/12/86 (86-26)			
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)			
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)			
IEEE	Institute of Electrical and Electronic Engineers IEEE Standard 450-1975 05/12/86 (86-26)			
ANSI	American National Standards Institute ANSI N18.7-1972 Section 5.1.5 05/12/86 (86-26)			
ANSI	ANSI N18.7, Section 5.2.7 - Design and Construction Type Activities Conducted During the Operations Phase (Maintenance and Modifications) 04/01/77 (77-05)			
ANSI	ANSI N45.2.9, Section 5.5 - Records Storage Facility 1/01/82 (81-28)			
ANSI	ANSI N45.2.9, Section 5.6 - NRC Criteria for Records Storage Facilities 07/01/80 (80-17)			
ANSI	ANSI/ASME NQA-1-1989, Supplement 17S-1, Section 5 09/17/90 (CN-010) (90-010)			
STS Sec 1.0	Operability 05/12/86 (86-26)			
STS Sec 1.0	Definitions 12/08/86 (86-54)			
STS Sec 1.0	Operable/Operability 10/31/91 (91-015)			
STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)			
STS Sec 3.0	Operability and Action Statement Requirements 07/01/80 (80-17)			
STS Sec 3.0	Voluntary Entry Into Action Statement 01/01/82 (81-28)			
STS Sec 3.0	Resolution of Degraded and Nonconforming Conditions			
TABLE OF CONTENTS				

TECHNICAL GUIDANCE

10/23/97 (97-018) [STS30DEG.TG]

	10/23/97 (97-010) [01030DE0.10]
STS Sec 3.0.3	Limiting Conditions for Operations 08/31/87 (87-30)
STS Sec 3.0 and Sec 4.0	Limiting Conditions for Operation and Surveillance Requirements 07/22/87 (87-26)
STS Sec 3/4.6.4	Containment and Drywell Isolation Valves 06/09/88 (88-06)
STS Sec 3.7.5	Ultimate Heat Sink 11/25/88 (88-17)
STS Sec 3/4.8.1	TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)
STS Sec 4.2.8.X.X	Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)
STS Sec 4.5.1	Standard Technical Specifications (BWR) 05/12/86 (86-26)
STS Sec 4.7.9	Surveillance of Snubber Piston Settings 04/01/81 (81-08)
STS Sec 4.7.9.1.a	Establishment of Visual Inspection Intervals for Snubbers 10/01/78 (78-35)
STS Sec 4.7.9.1.a	Hydraulic Snubber Inspection Schedule 01/01/79 (78-48)
STS Sec 4.7.9.6	Operability of Hydraulic Snubbers With Empty Reservoirs 10/01/80 (80-24)
STS Sec 4.8.1.1.2	Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)
STS Sec 6.5.1	Onsite Committee Review of Unit Operations to Detect Potential Nuclear Safety Hazards 10/01/80 (80-24)
STS Sec 6.5.1.1	Licensee Review Responsibility for Matters Related to Nuclear Safety 01/01/82 (81-28)
STS Sec 6.5.1.6c and Sec 6.5	Licensee Review Responsibility for Proposed Changes to Facility Technical Specifications 01/01/82 (81-28)
STS Sec 6.5.2.8	Requirements for Off-Site Committee Audit Functions 10/01/78 (78-35)
STS Sec 6.9.1.7	Reporting Requirements - Reportable Occurrences 04/01/78 (78-11)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
STS Interp	Licensee Technical Specification Interpretations 02/03/97 (97-001)

Maintenance

Issue Date: 05/02/05 - 31 - TABLE OF CONTENTS

TECHNICAL GUIDANCE

Voluntary Entry Into Limiting Conditions For Operation Action Statements To Perform Preventive Maintenance 01/17/02 (02-001)

Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)

Preconditioning of Structures, Systems, and Components (SSCs) Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]

Mechanical

Freeze Plugs 06/14/93 (93-005)

Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)

Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033) [TG_Mech SGTUBELKG.wpd]

Operations

Procedural Adherence 01/14/91 (91-001)

Notice of Enforcement Discretion 02/07/05 (05-005) [NOED.TG]

Notice of Enforcement Discretion For Gaseous Diffusion Plants 05/03/99 (99-008) [NOEDGAS.TG]

Safety and Compliance 09/09/97 (97-015) [SAFETY.TG]

10 CFR GUIDANCE

	CFR Discussions Containment Integrated Leak Rate Testing 12/08/86 (86-54)
	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10 CFR 30	License Condition, "Used by or under the supervision of" 10/01/79 (79-23)
10CFR71 and 49CFR171-178	Transportation of Radioactive Material 12/01/04 (04-027)
50	Byproduct Material Produced in Non-Power Reactors 09/30/88 (88-14)
50.34(a) & (b)	Status of PSAR After FSAR is Submitted 12/30/87 (87-39)
50.36	Changes to Facility Technical Specifications 01/01/77 (76-39)
50.54(o)	Guidance Relating to the Application of Appendix J -Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors 04/01/78 (78-11)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.55a(g)	Pump Operability Requirements 07/01/80 (80-17)
50.59	10 CFR 50.59, Changes, Tests, and Experiments 03/13/01 (01-008) [50_59.CFR]
50.109	Backfitting 01/01/82 (81-28)
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50, App B	Responsibility - Review and Approval of Licensee QA Plans for Operation, 10/01/80 (80-24)
Part 50, App B	Applicability of Appendix B to Chemicals and Reagents, 04/01/77 (77-05)
Part 50, App B	Criterion II - Maintenance of Proficiency for Personnel Performing Activities Affecting Quality 07/01/81 (81-19)
Part 50, App B	Criterion VII - Guidance - Use of Certificate of Conformance 04/01/80 (80-08)
Part 50, App B	Criterion VII - Guidance - Procurement of Spare and Replacement Parts, 01/01/82 (81-28)
Part 50, App B	Criterion VII - Control of Purchased Materials, Equipment and Services 06/02/71 (71-16)

10 CFR GUIDANCE

Part 50, App B

Criterion X & XVII - Inspection Documentation Guidance 01/14/88 (88-01)

Part 50

Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)

Material Balance, Inventory, and Records Requirements 12/19/74 (74-11)

Report of Accidental Criticality or Loss of Special Nuclear

Material 11/15/74 (74-010)

Interpretations

Materials License Conditions - Interpretations 05/12/71 (71-12)

END