TABLE OF CONTENTS

Table of Contents Current through Change Notice 05-016 Issued 06/22/05

PART	CHAPTER		
0000	NRC Inspe	ction Manual¹	
	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 Re	sponsibilities	
	0102	Oversight and Objectivity of Inspectors and Examiners	
	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 Management Reports		
	0230	Morning Report 11/18/02 (02-043)	
0300	Inspection P	Policy	
	0300 0301	Announced and Unannounced Inspections 03/24/94 (94-010) Coordination of NRC Visits to Commercial Reactor Sites	
	0303	08/24/01 (01-016) Item Reporting 11/30/99 (99-019)	
	0305 0306	Operating Reactor Assessment Program 12/21/04 (04-028) Information Technology Support For The Reactor Oversight	
	0307	Process 06/24/03 (03-021) Reactor Oversight Process Self-Assessment Program 01/14/04 (04-001)	
	0308	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	

Issue Date: 06/22/05 - 1 - TABLE OF CONTENTS

09/10/04 (04-023) 0308, Att 3, App A Technical Basis for At Power Significance Determination

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.

0400

0500

0600

CHAPTER

	Process 07/27/04 (04-020)
0308, Att 3, A	upp B Technical Basis for Emergency Preparedness Significance Determination Process 07/27/04 (04-020)
0308, Att 3, A	pp C Technical Basis for Occupational Radiation Safety
0308, Att 3, A	Significance Determination Process 07/27/04 (04-020) app D Technical Basis for Public Radiation Safety
0308 Δ tt 3 Δ	Significance Determination Process 07/27/04 (04-020) App F Technical Basis for Fire Protection Significance
0000, All 0, A	Determination Process [IMC 0609, Appendix F] At Power
0200 4# 2 4	Operations 02/28/05 (05-007)
0308, Att 3, A	pp G Technical Basis for Shutdown Operations Significance Determination Process 02/28/05 (05-007)
0308, Att 3, A	pp 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
Λ3Λ8 Δ 11 3 Δ	07/27/04 (04-020) upp J Technical Basis for Steam Generator Tube Integrity Findings
0300, All 3, A	Significance Determination Process 05/06/04 (04-010)
0308, Att 3, A	pp K Technical Basis for Maintenance Risk Assessment and Risk
0308, Att 4	Management SDP 05/19/05 (05-014) Technical Basis for Assessment
0306, All 4	07/27/04 (04-020)
0308, Att 5	Technical Basis for Enforcement
0309	07/27/04 (04-020) Reactive Inspection Decision Basis For Reactors
0309	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 06/06/05 (05-015)
Enforcement	<u>Policy</u>
Tracking Syst	tems et al. 1
Documentation	on of Program Findings
0600	Derformance Indicator Drogram 12/01/01 (01 027)
	Performance Indicator Program 12/01/04 (04-027) Significance Determination Process 05/19/05 (05-014)
0609.01	Enforcement Review Panel 06/20/03 (03-021)
0609.02	Process For Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 04/30/02 (02-022)
0609.03	Senior Reactor Analyst Support Objectives 08/16/01 (01-015)
0609 App A	Determining the Significance of Reactor Inspection Findings for At-
0609 Ann B	Power Situations 12/01/04 (04-027) Emergency Preparedness Significance Determination Process
	03/06/03 (03-007)
0609 App C	Occupational Radiation Safety Significance Determination

CHAPTER

- Process 12/16/03 (03-041)
- 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 Ž 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)
- 0609 App K Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)
- 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 05/19/05 (05-014)
- 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)

CHAPTER

0612, App E Examples of Minor Issues 05/19/05 (05-014) Research and Test Reactor Inspection Reports 0615 06/23/04 (04-018) 0620 Inspection Documents and Records 07/08/96 (96-015) Analysis of the Impact of Noncompliance with Physical 0630 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 0801 Reactor Oversight Process Feedback Program 01/27/05 (05-004) 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) Processing of NRC Form 241, "Report of Proposed Activities 1202 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
Massuraments, 10/01/83 (83, 12)

Measurements 10/01/83 (83-12)

1232 Collection, Preparation, and Shipment of Independent

PART CHAPTER

10.10	Measurement Samples 11/18/86 (86-52)
1240	Unescorted Access At Power Reactors 12/01/04 (04-027)
1245	Qualification Program For the Office of Nuclear Reactor
404-444	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
	06/29/04 (04-019)
1245 App C1	
	Qualification Journal 08/24/04 (04-022)
1245 App C2	
	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
101-0-	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	
4045.00	Training and Qualification Journal 08/24/04 (04-022)
1245 C8	Vender Inspector Technical Proficiency Qualification Journal
4045.00	05-28/03 (03-017)
1245 C9	Construction Inspector Technical Proficiency Qualification Journal
4045 4	05/01/03 (03-014)
1245 App C1	Operator Licensing (OL) Examiner Technical Proficiency
	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022)
1245 App C1 1245 D1	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program
1245 D1	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006)
1245 D1 1245 D3	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) Engineering Specialties Training Areas 04/05/02 (02-014)
1245 D1	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) Engineering Specialties Training Areas 04/05/02 (02-014) Formal Qualification Programs in the Nuclear Material Safety
1245 D1 1245 D3 1246	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VIII	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VIII Sec. VIII Sec. IX	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VIII	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. III Sec. IV Sec. V Sec. V Sec. VI Sec. VIII Sec. VIII Sec. IX	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. IV Sec. V Sec. VI Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X Sec. XI	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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)
1245 D1 1245 D3 1246 1246 APP A Sec. I Sec. II Sec. IV Sec. V Sec. V Sec. VI Sec. VII Sec. VIII Sec. IX Sec. X	Training and Qualification Journal 08/24/04 (04-022) Senior Reactor Analyst Training and Qualification Program 02/18/05 (05-006) 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

1300

1400

CHAPTER

	01/05/01 (01 002)
Sec. XIV	01/05/01 (01-002) High-Level Waste Repository Inspector 04/14/03 (03-012)
Sec. XV	High-Level Waste Repository License Technical Reviewer
Sec. Av	04/14/03 (03-012)
Sec. XVI	Training Requirements for Sealed Source and Device Reviewers
Sec. Avi	
1046 ADD D	02/11/04 (04-006)
1240 APP D	NRC Inspector, License Reviewer and Project
	Manager/Technical Reviewer Training and Qualification
Coo I	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
0 1/	01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material
0 \/	Control and Accounting (MC&A) 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage
Coo \/!!	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
Coo IV	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	
Sec. XIII	Uranium Recovery Inspector 01/05/01 (01-002) Uranium Recovery Project Manager/Technical Reviewer
Sec. Alli	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
OCC. AV	04/14/03 (03-012)
Sec. XVI	Technical Reviewer Qualification Journal Byproduct Material
000. XVI	Sealed Source and Device Reviewers 02/11/04 (04-006)
	Ocaled Godine and Device Reviewers 02/11/04 (04 000)
Incident Res	nonse
inolaoni 100	portoo
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
	Public 12/31/97 (97-019)
1303	Requesting Emergency Acceptance of Radioactive Material by
.000	the U.S. Department of Energy (DOE) 12/30/02 (02-046)
1330	Response to Transportation Accidents Involving Radioactive
	Materials 10/06/04 (04-025)
1360	Use of Physician and Scientific Consultants in the Medical
	Consultant Program 04/24/02 (02-020)
Reserved	
1415	State Contracts for Environmental Monitoring 06/28/91
	(91-009)

<u>PART</u>			
	<u>CHAPTER</u>		
1500	Reserved		
1600	Emergency F	Preparedness Prepa	
	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 Facility Inspection Program 11/27/01 (01-028)	
	2410	Conduct of Observation Audits 07/12/00 (00-012)	
2500	Reactor Insp	ection Program	
	2500/020	Inspection to Determine Compliance with ATWS Rule 10 CFR 50.62 08/06/03 (03-028)	
	2501	Nuclear Reactor Inspection Program - Early Site Permit)	

PART CHAPTER

0500	05/29/03 (03-018)
2502	Construction Inspection Program: Pre-Combined License (Pre-COL) Phase 06/22/05 (05-016)
2509	Browns Ferry Unit 1 Restart Project Inspection Program
2509	09/08/03 (03-032)
2514	Light Water Reactor Inspection Program - Startup
	Testing Phase 08/21/89 (89-013)
2514 App A	
2515	Light Water Inspection Program - Operations Phase
	03/30/05 (05-009)
2515 App A	Risk-Informed Baseline Inspection Program 01/17/02 (02-001)
	Supplemental Inspection Program 03/23/05 (05-008)
2515 App C	Special and Infrequently Performed Inspections
0545 Amm D	01/27/05 (05-004)
2515 App D	Plant Status 01/26/05 (05-003)
2515/111	Electrical Distribution System Followup Inspection 08/06/03 (03-028)
2515/142	Draindown During Shutdown and Common-Mode Failure
2010/142	(NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030)
2010/11/	(Note this TI contains safeguards material)
2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory
Rev. 2	Measures 03/19/03 (03-009)
2515/149	Mitigating systems Performance Index Pilot Verification
0545450	09/24/02 (02-034)
2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration
Rev. 3	Nozzles (NRC Order EA-03-009) 02/18/05 (05-006)
2515/151	Expanded Pilot Force-on-Force Exercise Evaluation 02/06/03 (03-002)
2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles
Rev. 1	(NRC Bulletin 2003-02) 11/05/03 (03-036)
2515/153	Reactor Containment Sump Blockage (NRC Bulletin 2003-01)
Rev. 1	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
05454450	it contains sensitive security information.
2515/156	Offsite Power System Operational Readiness 04/29/04 (04-009)
2515/157	Mark I and Mark II Containment Operations 05/06/04 (04-012) Note: TI withheld from public disclosure since
	it contains sensitive security information
2515/158	Functional Review of Low Margin/Risk Significant Components and
2010/100	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
0=1=1101	2004-01) 10/06/04 (04-025)
2515/161	Transportation of Reactor Control Rod Drives in Type A Packages
0515/160	03/30/05 (05-009)
2515/162 2515/163	SAFEGUARDS INFORMATION 04/13/05 (05-010) Operational Readiness of Offsite Power 05/02/05 (05-011)
2516	Policy and Guidance For The License Renewal Inspection
2010	i oney and odidance i or the Election Reflewal Inspection

CHAPTER

Programs 02/18/05 (05-006)
Integrated Design Inspection Program 04/24/85 (85-17)
Design Verification Programs 03/24/89 (89-007)
Research and Test Reactor Inspection Program 06/23/04 (04-018)
Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)
Re-Examination of Year 2000 (Y2K) Program Activities at Selected Decommissioning Reactors 11/30/99 (99-019)
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)
2600/003	Resident Inspector Program for Category I Fuel Cycle Facilities
2000/000	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 Compénsatory 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)
2630	Mixed Oxide Fuel Fabrication Facility Construction Inspection
2030	Program 05/18/05 (05-0013)
2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2681	Physical Protection and Transport of SNM and Irradiated Fuel
2001	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

CHAPTER

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)

2800 Materials Inspection Program

2800	Materials Inspection Program 11/25/03 (03-037)
2800/030	Verification of the Status of Devices Authorized For Use
	Under a General License 05/30/00 (00-011)
2800/032	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)
2800/037	Safety Procedures For Panoramic Irradiators 05/18/05 (05-012)
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 Management Meetings

30800B Initial Management Meeting - Materials Licensees 10/01/76 (76-26)

3100 Reserved

3200 Reserved

3300 Reserved

PROCEDURE

3400 Reserved

3500 Quality Assurance 35002 Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018) 35004 Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018) Pre-Docketing Combined License Quality Assurance Controls 35005 Inspection 06/22/05 (05-016) Post-Docketing Early Site Permit Quality Assurance Controls 35006 Inspection 05/29/03 (03-018) Early Site Permit Quality Assurance Controls Assessment and 35012 Conclusion 05/29/03 (03-018) 35017 Post-Docketing Development of the Quality Assurance (QA) Program for Design and Procurement Activities 06/22/05 (05-016) 35020 Inspection of Applicant's Surveillance of Contractor Quality Assurance (QA) Activities 06/22/05 (05-016) Post-Docketing Implementation of Quality Assurance (QA) 35021 Activities Related to Design, Procurement and Construction 06/22/05 (05-016) Pre-Combined License (COL) Quality Assurance (QA) Inspection 35029 of Site Limited Work Authorization (LWA) 1 & 2 Activities 06/22/05 (05-016) Review of the QA Manual 06/22/05 (05-016) 35100 35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028) QA for the Startup Test Program 01/20/84 (84-04) 35501 35701 Quality Assurance Program Review 09/17/01 (01-017) 3600 Organization and Administration 36100 Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 06/22/05 (05-016) 36800 Organization 09/17/01 (01-017) 36801 Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012) 3700 <u>Design, Design Changes, Modifications</u> 37001 10 CFR 50.59 Safety Evaluation Program 06/24/98 (98-010) Engineering 11/15/99 (99-018) 37550 Onsite Engineering 06/24/98 (98-010) 37551 37700 Design Changes, and Modifications 09/17/01 (01-017 37801 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)

3800 Procurement

37802

First-of-a-Kind Engineering Inspections 06/22/05 (05-016)

PROCEDURE

38703 Commercial Grade Dedication 04/08/96 (96-007)

3900 Records

39701 Records Program 09/17/01 (01-017)

4000 Review and Audit

40001	Resolution of Employee Concerns 06/03/97 (97-006)
40002	Inspections to Review Allegations 06/28/02 (02-024)
40500	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 Training

41500 Training and Qualification Effectiveness 06/13/95 (95-007)

4200 Procedures

42001 Emergency Operating Procedures 06/28/91 (91-009)

42700 Plant Procedures 11/15/95 (95-015)

4300 Vendor Procedures

43001 Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)

4400 Reserved

4500 Geotechnical/Foundation

45051 Geotechnical/Foundation Activities Procedure Review

05/29/03 (03-018)

4600 Structural Concrete

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

4900 Piping

PART PROCEDURE

	49001 49055	Inspection of Erosion/Corrosion Monitoring Programs 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	mponents 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)
5200	Instrumentat	ion 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	Containment	: Penetrations
5400	Cleanliness	
5500	<u>Welding</u>	
	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	Nondestructi	ve Examination, Destructive Examination and Fabrication Testing
	57050	Visual Testing Examination 03/09/99 (99-003)

Issue Date: 06/22/05 - 13 -TABLE OF CONTENTS

<u>PART</u>

PROCEDURE

57060	Liquid Penetrant Testing Examination 03/09/99 (99-003)
57070	Magnetic Particle Testing Examination 03/09/99 (99-003)
57080	Ultrasonic Testing Examination 03/09/99 (99-003)
57090	Nondestructive Examination Procedure Radiographic
	Examination Procedure Review/Work Observation/Record
	Review 06/14/93 (93-005)

5800 Special Processes

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

60705	Preparation for Refueling 07/27/95 (95-009)
60710	Refueling Activities 07/27/95 (95-009)
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
60851	Design Control of ISFSI Components 08/08/03 (03-030)
60852	ISFSI Component Fabrication By Outside Fabricators 08/08/03 (03-030)
60853	On-Site Fabrication of Components and Construction of an ISFSI 02/11/04 (04-006)
60854	Preoperational Testing of an ISFSI 03/28/02 (02-012)
60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 02/02/04 (04-003)
60855	Operation of an ISFSI 03/28/02 (02-012)
60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants 02/02/04 (04-003)
60856	Review of 10 CFR 72.212(b) Evaluations 04/02/03 (03-008)
60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003)
60857	Review of 10 CFR 72.48 Evaluations 01/26/05 (05-002)

6100 Surveillance

61705	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)
61706	Core Thermal Power Evaluation 07/14/86 (86-36)
61707	Determination of Reactor Shutdown Margin 10/11/85 (85-31)
61708	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	Verification of Containment Integrity 12/23/86 (86-60)
61720	Containment Local Leak Rate Testing 10/03/85 (85-30)
61726	Surveillance Observations 06/24/98 (98-010)
61728	Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)

PROCEDURE

6200	Maintanana	
6200	Maintenance	
	62002	Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024)
	62003	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
	62710	12/28/00 (00-029) Power-Operated Gate Valve Pressure Locking and Thermal
	62708 62801	Binding 01/17/02 (02-001) Motor-Operated Valve Capability 09/12/00 (00-018) Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)
6300	Construction	n Testing
6400	Fire Prevention/Protection	
	64704	Fire Protection Program 06/24/98 (98-010)
6500	Reserved	
6600	Reserved	
6700	Reserved	
6800	Reserved	
6900	Non-Power F	Reactor Inspection
	69001 69002 69003	Class II Research and Test Reactors 02/03/04 (04-004) Class III Research and Test Reactors 02/03/04 (04-004) Class I Research and Test Reactor Operator Licenses,
	69004	Requalification, and Medical Examinations 02/03/04 (04-004) Class I Research and Test Reactor Effluent and Environmental
	69005 69006	Monitoring 02/03/047 (04-004) Class I Research and Test Reactor Experiments 02/03/04 (04-004) Class I Research and Test Reactors Organization and Operations
	69007	and Maintenance Activities 02/03/04 (04-004) Class I Research and Test Reactor Review and Audit and Design
	69008 69009	Change Functions 02/03/04 (04-004) Class I Research and Test Reactor Procedures 02/03/04 (04-004) Class I Research and Test Reactor Fuel Movement
	69010	02/03/04 (04-004) Class I Research and Test Reactor Surveillance 02/03/04 (04-004)

Issue Date: 06/22/05 - 15 -**TABLE OF CONTENTS**

<u>PAR I</u>	PROCEDUR	E
	69011	Class I Research and Test Reactor Emergency Preparedness
	69012	02/03/04 (04-004) 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	Preoperation	al 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 70323	Containment Integrated Leak Rate Test 11/12/85 (85-36) 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 (I	<u>License & TS Requirements)</u>
	71001	Licensed Operator Requalification Program Evaluation 07/23/98 (98-011)
	71002	License Renewal Inspection 02/18/05 (05-006)
	71003	Post-Approval Site Inspection for License Renewal 02/18/05 (05-006)
	71004 71005	Power Uprate 07/09/02 (02-027) Inspector Review of Licensing-Related Information 08/05/03 (03-027)
	71007 71111	Reactor Vessel Head Replacement Inspection 07/10/03 (03-024) 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 71111.HS 71111.ST 71111.01 71111.02	Equipment Availability, and Functional Capability 05/06/03 (03-015) Heat Sink Performance 05/06/03 (03-015) Post-Maintenance and Surveillance Testing 05/06/03 (03-015) Adverse Weather Protection 04/13/04 (04-008) Evaluation of changes, Tests, or Experiments 07/07/03 (03-023)
	71111.04 71111.05AQ 71111.05T 71111.06 71111.07 71111.08 71111.11 71111.12 71111.13	Equipment Alignment 01/17/02 (02-001) Fire Protection (Annual / Quarterly) 09/10/04 (04-023) Fire Protection (Triennial) 02/18/05 (05-006) Flood Protection Measures 01/17/02 (02-001) Heat Sink Performance 06/06/05 (05-015) Inservice Inspection Activities 05/11/04 (04-013) Licensed Operator Requalification Program 12/16/03 (03-041) Maintenance Effectiveness 07/01/02 (02-025) Maintenance Risk Assessments and Emergent Work Evaluation 01/17/02 (02-001) Personnel Performance Related to Nonroutine Plant Evolutions
	71111.15 71111.16	and Events 07/07/03 (03-023) Operability Evaluations 02/02/04 (04-003) Operator Workarounds 01/17/02 (02-001)

<u>PART</u>	
PROCEDU	RE
71111.17	Permanent Plant modifications 01/17/02 (02-001)
71111.17	Post Maintenance Testing 01/17/02 (02-001)
71111.13	Refueling and Outage Activities 05/06/04 (04-011)
71111.20	Safety System Design and Performance Capability
/ I I I I I .Z I	04/13/04 (04-008)
71111.22	Surveillance Testing 05/11/04 (04-013)
71111.23	Temporary Plant Modifications 06/06/05 (05-015)
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
	07/09/02 (02-027)
71114.05	Correction of emergency Preparedness Weaknesses and
71111 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
71101 00	03/06/02 (02-008)
71121.02	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)
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)
71130.03	Contingency Response - Force-Ón-Force Testing
	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 06/06/05 (05-015)
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 Shutdown 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)

PART PROCEDURE Testing 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 72500B 72502B 72504B 72508B	Overall Startup Test Program 07/01/80 (80-16) Initial Fuel Loading Procedure 04/30/75 (75-16) Initial Criticality Procedure Review (BWR) 04/30/75 (75-16) Heatup Phase Procedure Review 04/30/75 (75-16) Power Ascension Procedure Review: HPCI System 07/01/80
72509B	(80-16) Power Ascension Procedure Review: Control Rod Drive
72510B	System 07/01/80 (80-16) Power Ascension Procedure Review - Relief Valves
72512B	and MSIVs 04/30/75 (75-16) 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)
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 72564B	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) Precritical Test Procedure Review - Protective Trip
72566B	Circuit or Rod Drop Measurement 07/01/80 (80-16) Precritical Test Procedure Review - RES Lead Test or
72570B 72572B	or Pressurizer Effectiveness 07/01/80 (80-16) 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 07/01/80 (80-16)
72578B	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	PWR Initial Criticality Witnessing 01/20/84 (84-04)
72596B 72600B	Precritical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80
72608B	(80-16) Power Level Plateau Data Review (50% PWR) 07/01/80

PROCEDURE

	(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 <u>Inservice Inspection</u>

)
(3)
,

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

7806	
	[04/02/03 (03-008)]
7807	Procurement Document Control (Pre-Licensing and Construction) [04/02/03 (03-008)]
7808	Instruction, Procedures, and Drawings (Pre-Licensing and Construction) [04/02/03 (03-008)]
7809	
7816	O Control of Measuring and Test Equipment (Pre-Licensing and Construction) [04/02/03 (03-008)]
7817	
7820	
7830	

7900 Water Chemistry

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

Issue Date: 06/22/05 - 19 - TABLE OF CONTENTS

PART PROCEDURE 8000 Environmental Protection

80210	Environmental Protection - Initial and Periodic Inspections
	06/22/05 (05-016)
80721	Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81001 81001.1	Independent Spent Fuel Storage Installations 09/17/01 (01-017) Independent Spent Fuel Storage Installation(s) at Operating Plants 02/02/04 (04-003)
81018 81020 81022 81034	Security Plan and Implementing Procedures 05/09/84 (84-15) Management Effectiveness - Security Program 05/09/84 (84-15) Security Organization 05/09/84 (84-15) 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)
81054	Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 05/09/84 (84-15)
81058	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, and SSNM 05/09/84 (84-15)
81074	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 Response Evaluation (OSRE) 09/08/00 (00-017)
81310	Physical Protection of Shipments of Irradiated Fuel 02/20/86 (86-09)
81335	Physical Protection of Shipments of SNM of Moderate Strategic Significance (MSNM) 02/20/86 (86-09)
81340	Physical Protection of Shipments of SNM of Low Strategic Significance (LSNM) 02/20/86 (86-09)
81360	General Requirements for Physical Protection of Formula 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
81401 81402	Reports of Safeguards Events 06/13/85 (85-23)
81403	Receipt of New Fuel at Reactor Facilities 09/17/01 (01-017
01700	Rescipt of New Fuel at Reactor Facilities 09/11/01 (01-01/

PART	DE.
PROCEDUI	
81411	Physical Protection for Reactors with Formula
81421	Quantities of Special Nuclear Material 11/04/85 (85-34) 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 Material of Low Strategic Significance 09/17/01 (01-017)
81501	Personnel Training and Qualification - General Requirements 05/09/84 (84-15)
81502 81601	Fitness For Duty Program 05/31/91 (91-008) Safeguards Contingency Plan - Implementation Review 05/09/84 (84-15)
81700	Physical Security Program for Power Reactors 07/01/97 (97-010)
81810 81815	Protection of Safeguards Information 02/09/87 (87-03) 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)
81910	Alarm Stations 02/19/91 (91-003)
81911	Assessment 02/19/91 (91-003)
81912	Badge Control 02/19/91 (91-003)
81913	Communications 02/19/91 (91-003)
81914 81915	Duress Alarms 02/19/91 (91-003) EECP Machine Performance - Explosive Detectors 02/19/91 (91-003)
81916	EECP Machine Performance - Metal Detectors 02/19/91 (91-003)
81917	EECP Machine Performance - X-ray 02/19/91 (91-003)
81918	Emergency Power Supply 02/19/91 (91-003)
81919 81920	Interior Alarms 02/19/91 (91-003) Intrusion Detection System 02/19/91 (91-003)
81921	Isolation Zone 02/19/91 (91-003)
81922	Keys, Locks, and Combinations 02/19/91 (91-003)
81923	Lighting 02/19/91 (91-003)
81924	MAA Barriers 02/19/91 (91-003)
81925 81926	Personnel Searches 02/19/91 (91-003) Preventative Maintenance 02/19/91 (91-003)
81927	Protected Area Barriers 02/19/91 (91-003)
81928	Protected Area Housekeeping 02/19/91 (91-003)
81929	Strategic Special Nuclear Material Exit Searches 02/19/91 (91-003)
81930	Tactical Response Team Exercises 02/19/91 (91-003)
81931	Vehicle Barriers 02/19/91 (91-003)
81932 81933	Vehicle Escorts 02/19/91 (91-003) Vehicle Searches 03/18/91 (91-005)
81934	Warehouse Searches 03/18/91 (91-005)
81935	Weapons Qualification 02/19/91 (91-003)

8200 Emergency Planning

Evaluation of Emergency Preparedness 05/22/00 (00-010) 82001

PART PROCEDURE

82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)
82301	Evaluation of Exercises for Power Reactors 12/31/96 (96-024)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 06/24/98 (98-010)
82701	Operational Status of the Emergency Preparedness Program 12/31/96 (96-024)

8300 Radiation Protection

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)
83502.03	Radiological Envirónmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
83521	Radiation Protection - Startup 01/01/84 (84-01)
83722	Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic) 09/17/01 (01-017)
83723	General Employee, Radiation Safety, Plant Chemistry, Radwaste, and Transportation Training 12/16/03 (03-041)
83724	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,
02727	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
83822 83890	01/28/02 (02-003) 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	Radioactive Waste Management 12/30/91 (91-022)
84521	Radwaste - Startup 01/01/84 (84-01)
84750	Radioactive Waste Treatment, and Effluent and Environmental
	Monitoring 03/15/94 (94-006)

PROCEDURE

Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 06/06/02 (02-023)

Low-Level Radioactive Waste Storage 10/20/00 (00-022) 84850

84900

8500 Material Control 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 01/17/86 (86-04)
85205	Facility Operations and Internal Controls 04/10/85 (85-15)
85207	Measurement Systems 01/17/86 (86-04)
85209	Measurement Control and Statistics 04/10/85 (85-15)
85211	Physical Inventory 01/17/86 (86-04)
85215	Records and Reports 01/17/86 (86-04)
85301	MC&A for Imports and Exports 07/18/84 (84-22)
85303	MC&A Management Structure and Personnel Training and
00000	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
03420	Reactors 06/22/88 (88-07)
85425	Implementation of US/IAEA Safeguards Agreement at Fuel
00720	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)
00000	1.000101011110g1011101122100 (00-011)

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001	Design, Fabrication, Testing, and Maintenance of
	Transportation Packagings 02/07/02 (02-004)
86700	Spent Fuel Pool Activities 09/17/01 (01-017)
86730	Transportation of Radioactive Materials (49 CFR Parts 100-
	179 and 10 CFR Part 71) 04/17/00 (00-006)
86740	Inspection of Transportation Activities 04/24/02 (02-020)
86750	Solid Radioactive Waste Management and Transportation

- 23 -**TABLE OF CONTENTS** Issue Date: 06/22/05

PROCEDURE

of Radioactive Materials 03/15/94 (94-006)

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 Radiográphy 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)
87130	Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041)
87131	Nuclear Mèdicine Érograms, 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	On-Site Construction 04/15/94 (94-011)
88002	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	Management Organization and Controls 12/20/96 (96-025)
88010	Operator Training/Retraining 05/23/84 (84-17)
88015	Headquarters Nuclear Criticality Safety Program 12/20/96 (96-025)
88020	Regional Criticality Safety Inspection Program 12/20/96 (96-025)
88025	Maintenance and Surveillance Testing 05/23/84 (84-17)
88035	Radioactive Waste Management 05/23/84 (84-17)
88045	Environmental Protection 05/23/84 (84-17)
88050	Emergency Preparedness 04/08/96 (96-007)
88055	Fire Protection 01/14/91 (91-001)
88056	Process Safety Information 01/16/96 (96-001)
88057	Hazard Identification Information 01/16/96 (96-001)
88058	Standard Operating Procedures 01/16/96 (96-001)
88059	Site-Wide Safety Procedures 01/16/96 (96-001)
88060	Detection and Monitoring 01/16/96 (96-001)

92709

92711

PROCEDURE 88061 Chemical Safety Training 01/16/96 (96-001) Maintenance and Inspection 01/16/96 (96-001) 88062 88063 Management of Change 01/16/96 (96-001) 88064 Emergency Response Procedures 01/16/96 (96-001) 88065 Incident Investigation 01/16/96 (96-001) 88066 Audits and Inspection 01/16/96 (96-001) Plant Operations 12/30/96 (96-026) 88100 88101 Configuration Control 12/30/96 (96-026) 88102 Surveillance Observations 12/30/96 (96-026) 88103 Maintenance Observations 12/30/96 (96-026) 88104 Decommissioning Inspection Procedure For Fuel Cycle Facilities 07/03/02 (02-026) Management Organization and Controls 12/30/96 (96-026) 88105 88107 Quality Assurance: Design and Documentation Control (Pre-licensing and Construction) 05/18/05 (05-013) Quality Assurance: Problem Identification, Resolution and 88110 Corrective Action 05/18/05 (05-013) Resident Inspection Program for On-Site Construction Activities at 88130 the Mixed Oxide Fuel Fabrication Facility 05/18/05 (05-013) Quality Assurance: Piping Relied on for Safety) 05/18/05 (05-013) 88134 8900 Fuel Facility and Materials Special Program 89001 In-Situ Leach (ISL) Facilities 09/02/97 (97-013) 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) Inoffice Review of Written Reports of Nonroutine Events 90712 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 Title 10 Requirements 9200 Planned Non-Routine Activities Review of Quality Assurance For Extended Construction 92050 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) Followup on Corrective Actions for Violations and Deviations 92702 03/14/94 (94-005) Followup of Confirmatory Action Letters 03/30/05 (05-009) 92703

Licensee Strike Contingency Plans 03/30/05 (05-009)

Continued Implementation of Strike Plans During an Extended

PROCEDURE

	Strike 03/30/05 (05-009)
92712	Resumption of Normal Operations 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 (01-017)
92904	Followup - Plant Support 09/17/01 (01-017)

9300 Non-Routine Activities

93001 93702	OHSA Interface Activities 02/11/04 (04-006) Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
93800 93801	Augmented Inspection Team 10/23/02 (02-039) 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)
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
93811	(SWSOPI) 09/14/98 (98-013) Electrical Distribution System Functional Inspection (EDSFI)
93812	02/03/99 (99-002) Special Inspection 07/07/03 (03-023)

9400 <u>Technical Activities of an Administrative Nature</u>

9500 Strategic Determination Actions

Inspection for One or Two White Inputs in a Strategic
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)
Inspection for Repetitive Degraded Cornerstones, Multiple
Degraded Cornerstones, Multiple Yellow Inputs, or One
Red Input 01/17/02 (02-001)

9600 Reserved

	DI
PA	КI

TECHNICAL GUIDANCE

9700 Reserved

9800 Reserved

9900 Guidance²

99000 Technical Guidance 05/12/86 (86-26)

99100 Health Physics Positions 10/30/92 (92-011)

<u>Technical Guidance</u>

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)

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

Issue Date: 06/22/05 - 27 - TABLE OF CONTENTS

² [XXXX.XX] attached to each document in Part 9900, is the file name for that document.

TECHNICAL GUIDANCE

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

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

STS Sec 3.0.3 Limiting Conditions for Operations 08/31/87 (87-30)

STS Sec 3.0 Limiting Conditions for Operation and Surveillance Requirements

and Sec 4.0 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)

TECHNICAL GUIDANCE

ILCIIIIOA	LOUDANCE
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

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]

Ice Condenser System Inspections 06/06/05 (05-015)

Issue Date: 06/22/05 - 29 - TABLE OF CONTENTS

TECHNICAL GUIDANCE

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