TABLE OF CONTENTS

Table of Contents Current through Change Notice 03-013 Issued 05/01/03

PART	CHAPTER	
0000	NRC Inspec	ction Manual¹
	0030	Policy and Guidance for Development of NRC Inspection
	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 02/21/03 (03-006)
0100	Program Res	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 Mai	nagement Reports
	0230	Morning Report 11/18/02 (02-043)
0300	Inspection P	olicy
	0300 0301	Announced and Unannounced Inspections 03/24/94 (94-010) Coordination of NRC Visits to Commercial Reactor Sites 08/24/01 (01-016)
	0302 0303	Inspection Program Evaluation Activities 09/27/95 (95-013) Item Reporting 11/30/99 (99-019)
	0304	Plant Performance Review 09/26/96 (96-020)
	0305	Operating Reactor Assessment Program 02/19/03 (03-005)
	0307	Reactor Översight Process Self-Assessment Program 12/12/02 (02-045)
	0308	Reactor Oversight Process Basis Document 02/21/03 (03-006)
	0312	Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023)

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.

CHAPTER

	0330	(06_015)
	0350	(96-015) Staff Guidelines for Oversight of Operating Reactor Facilities in an Extended Shutdown as a Result of Significant Performance Problems 03/06/01 (01-006)
0400	Enforcement	: Policy
0500	Tracking Sys	<u>stems</u>
0600	<u>Documentati</u>	on of Program Findings
	0609 App B 0609 App C 0609 App D 0609 App E	Performance Indicator Program 04/16/02 (02-017) Significance Determination Process 03/21/03 (03-010) Enforcement Review Panel 03/21/03 (03-010) Process For Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 04/30/02 (02-022) Senior Reactor Analyst Support Objectives 08/16/01 (01-015) Significance Determination of Reactor Inspection Findings For At-Power Situations 03/18/02 (02-009) Emergency Preparedness Significance Determination Process 03/06/03 (03-007) Occupational Radiation Safety Significance Determination Process 03/06/02 (02-008) Public Radiation Safety Significance Determination Process 11/15/02 (02-042) Interim Physical Protection - Significance Determination Process 08/14/01 (01-014) Fire Protection Significance Determination Process
		02/27/01 (01-005) Att 1, Application of Fire Protection Risk-Significant Screening Methodology to Hypothetical Cases 02/27/01 (01-005) Att 2, Additional Guidance for the Assessment of Findings Using Significance Determination Process Entry 02/27/01 (01-005)
	0609 App G	Shutdown Operations Significance Determination Process 02/27/01 (01-005)
	0609 App H	Containment Integrity Significance Determination Process 04/21/00 (00-007)
	0609 App I	Operator Requalification - Human Performance Significance Determination Process 03/27/02 (02-011)
	0610 0612	Inspection Reports 06/22/98 (98-009) Power Reactor Inspection Reports 04/01/03 (03-004)

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)
		(02 00)
0700	Communicat	ions With Licensees
	0720	Nuclear Regulatory Commission Generic Communications
	0730	Regarding Nuclear Reactor Issues 03/21/94 (94-009) Generic Communications Regarding Materials and Fuel Cycle Issues 10/22/02 (02-040)
0800	Feedback - I	mproving the Regulatory Process
	0801	Reactor Oversight Process Feedback Program 03/05/02 (02-007)
0900	Reporting of	Events/Incidents
	0970	Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)
1000	Regional Off	ice Program Interfaces
	1007	Interfacing Activities Between Regional Offices of NRC and OSHA 02/07/02 (02-004)
1100	Notifications	of Meetings and Conferences
	1100 1110 1120	Notification of Significant Meetings 08/06/87 (87-27) Potential Abnormal Occurrences 04/25/78 (78-13) Preliminary Notifications 12/27/94 (94-021)
1200	Inspector Requirements	
	1201 1202 1220	Conduct of Employees 06/29/99 (99-010) Senior Resident Inspector Site Turnover 01/17/02 (02-001) Processing of NRC Form 241, "Report of Proposed Activities 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)

CHAPTER

1220, APP I	Procedures and Guidelines For Processing NRC Form 241
4000 ABB II	05/01/03 (03-013)
1220, APP II	Procedures Letter to be Sent to Licensees With Procedures and
0000 4 - 11	Information for Filing NRC Form 241 05/01/03 (03-013)
1230 App II	I 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
1202	Measurement Samples 11/18/86 (86-52)
1240	Inspector Access at Power Reactors 09/18/81 (81-23)
1245	Qualification Program For the Office of Nuclear Reactor
	Regulation Programs 04/05/02 (02-014)
1245 Att 1	General Overview of the Inspector Training and Qualification
	Program 04/05/02 (02-014)
1245 Att 2	Inspector Competencies 04/05/02 (02-014)
1245 Att3	General Orientation Topics 04/05/02 (02-014)
1245 APP A	Basic-Level Training and Qualification Journal 04/05/02 (02-014)
1245 APP B	General Proficiency-Level Training and Qualification Journal
4045.04	04/05/02 (02-014)
1245 C1	Reactor Operations Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)
1245 C2	Reactor Engineering Inspection Technical Proficiency Qualification
1243 02	Journal 04/05/02 (02-014)
1245 C3	Reactor Health Physics Inspector Technical Proficiency
	Qualification Journal 04/05/02 (02-014)
1245 C4	Reactor Safeguards Inspector Technical Proficiency Qualification
	Journal 04/05/02 (02-014)
1245 C5	Research and Test Reactor Inspector Technical Proficiency
_	Qualification Journal 04/05/02 (02-014)
1245 C6	Emergency Preparedness Inspector Technical Proficiency
4045.07	Qualification Journal 04/05/02 (02-014)
1245 C7	Reactor Decommissioning Inspector Technical Proficiency
1245 D1	Qualification Journal 04/05/02 (02-014)
1245 D1	Senior Reactor Analyst Training and Qualification Program 01/24/03 (03-001)
1245 D2	Operator Licensing Examiner Training and Qualification Program
1240 02	04/05/02 (02-014)
1245 D3	Engineering Specialties Training Areas 04/05/02 (02-014)
1245 D4	Vendor Inspector Training and Qualification Program
	04/05/02 (02-014)
1246	Formal Qualification Programs in the Nuclear Material Safety
	and Safeguards Program Area 01/05/01 (01-002)
1246 APP A	Training Activities 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)

CHAPTER

Sec. IV	Fuel Cycle Safeguards Inspector Physical Security
0 1/	01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 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 Inspectors and License Reviewers 01/05/01 (01-002)
Sec. IX	Decommissioning Inspectors 01/05/01 (01-002)
Sec. X	Decommissioning Project Managers/Technical Reviewers
0 1/1	04/14/03 (03-012)
Sec. XI	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
3 3 3 7 1 1 1	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)
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
Coo V	01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material
Coo \/I	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
060. A	04/14/03 (03-012)
Sec. XI	Materials Exempt Distribution License Reviewer
OCO. Al	01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
3 00. /(iii	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)

CHAPTER

1300	Incident Response	
	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 the U.S. Department of Energy (DOE) 12/30/02 (02-046)
	1330	Response to Transportation Accidents Involving Radioactive Materials 03/04/02 (02-006)
	1360	Use of Physician and Scientífic Consultants in the Medical Consultant Program 04/24/02 (02-020)
1400	Reserved	
	1415	State Contracts for Environmental Monitoring 06/28/91 (91-009)
1500	Reserved	
1600	Emorgonovil	Dranaradnasa
1000	Lillergency	<u>Preparedness</u>
1000	1601	Communication Protocol For Assessing Offsite Emergency Preparedness Following a Natural Disaster 09/02/97 (97-013)
1700		Communication Protocol For Assessing Offsite Emergency
1700	1601	Communication Protocol For Assessing Offsite Emergency
1700	1601 Reserved	Communication Protocol For Assessing Offsite Emergency
1700 1800 1900	1601 Reserved Reserved	Communication Protocol For Assessing Offsite Emergency
1700 1800 1900 2000	1601 Reserved Reserved Reserved	Communication Protocol For Assessing Offsite Emergency

CHAPTER

2300 High Level Waste 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 Inspection Program 2501 Nuclear Reactor Inspection Program - Early Site Permit) 10/08/02 (02-036) 2514 Light Water Reactor Inspection Program - Startup Testing Phase 08/21/89 (89-013) Startup Test Program Inspection Procedures 04/15/94 (94-018) 2514 App A Reactor Inspection Program - Operations Phase 2515 01/24/03 (03-001) 2515 App A Risk-Informed Baseline Inspection Program 01/17/02 (02-001) 2515 App B Supplemental Inspection Program 01/17/02 (02-001) 2515 App C Special and Infrequently Performed Inspections 02/12/03 (03-003) Plant status 01/17/02 (02-001) 2515 App D Draindown During Shutdown and Common-Mode Failure 2515/142 (NRC Generic Letter 98-02)) 06/18/99 (99-009) Expanded Table-Top Drill Evaluation 08/14/02 (02-030) 2515/147 (Note this TI contains safeguards material) 2515/148 Inspection of Nuclear Reactor Safeguards - Interim Compensatory Rev. 2 Measures 03/19/03 (02-033) 2515/149 Mitigating systems Performance Index Pilot Verification 09/24/02 (02-034) 2515/150 Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02) 01/24/03 (03-001) 2518/151 Expanded Pilot Force-on-Force Exercise Evaluation 02/06/03 (03-002) 2516 Policy and Guidance For The License Renewal Inspection Program 04/10/02 (02-016) Integrated Design Inspection Program 04/24/85 (85-17) 2530 2535 Design Verification Programs 03/24/89 (89-007) 2545 Research and Test Reactor Inspection Program - Operations Phase 06/13/85 (85-23) Decommissioning Power Reactor Inspection Program 2561

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
200/002	Inspection Program 04/14/03 (03-012)
2600/003	Operational Safety Review 01/27/99 (99-001) Headquarters Inspections of Critical Mass and Rare-Earth
2600/004	Fuel Cycle Licensees 01/27/99 (99-001)
2600/005	Criticality Safety Programs at Fuel Cycle Facilities
2000/003	10/12/99 (99-017)
2600/006	Resident Inspection Program for Category I Fuel Cycle
2000/000	Facilities 07/12/00 (00-012)
2600/007	Interim Guidance For Fuel Cycle Facility Core Inspection
2000,00.	Program 08/25/00 (00-014)
2600/008	Inspection Guidance and Requirements for Interim Compensatory
	Measures (ICMs) at the Honeywell Conversion Plant, Metropolis,
	Illinois 07/11/02 (02-028)
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)
2603/001	Chemical Safety Inspections of Fuel Cycle Licensees
0004	01/16/96 (96-001)
2604	Licensee Performance Review 06/28/02 (02-024)
2605	Decommissioning Procedures For Fuel Cycle and Material
0040	Licensees 11/12/96 (96-022)
2610	Inspection Program at Nuclear Fuel Services Plant Erwin,
2620	Tennessee 01/09/86 (86-01) On-Site Construction Reviews of Remedial Action at Inactive
2620	
	Uranium Mill Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act) 10/05/01 (01-020)
2630	Gaseous Diffusion Plant Operational Safety and Safeguards
2030	Inspection Program 12/30/96 (96-026)
2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2681	Physical Protection and Transport of SNM and Irradiated Fuel
_00.	Inspections of Fuel Facilities 09/26/96 (96-020)
2681/05	Physical Security Inspection For Category I Fuel
	Cycle Facilities 05/04/90 (90-004)
2681/06	Protected Area Housekeeping 07/10/90 (90-006)

CHAPTER

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)

2800 Materials Inspection Program

2800 2800/026	Materials Inspection Program 12/01/00 (00-026) Followup Inspection of Formerly-Licensed Sites Identified as Potentially Contaminated 07/12/00 (00-012)
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)
2800/033	Revised Materials Inspection Program 12/31/02 (02-047)
Rev. 2	
2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Inspection Program 02/28/00 (00-002)
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)

PROCEDURE

3000	Management Meetings	
	30800B	Initial Management Meeting - Materials Licensees 10/01/76 (76-26)
3100	Reserved	
3200	Reserved	
3300	Reserved	
3400	Reserved	
3500	Quality Assu	<u>rance</u>
	35501 35701	QA for the Startup Test Program 01/20/84 (84-04) Quality Assurance Program Review 09/17/01 (01-017)
3600	Organization	and Administration
	36100 36800 36801	10 CFR Part 21 Inspections at Nuclear Power Reactors 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, Design Changes, Modifications

37001	10 CFR 50.59 Safety Evaluation Program 06/24/98 (98-010)
37550	Engineering 11/15/99 (99-018)
37551	Onsite Engineering 06/24/98 (98-010)
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

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

PROCEDURE

3900 Records

39701

Records Program 09/17/01 (01-017) Class I Non-Power Reactors Organization and Operations and Maintenance Activities 08/07/92 (92-009) 39745

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)
40745	Class I Non-Power Reactor Review and Audit and Design
	Change Functions 08/07/92 (92-009)
40755	Class III Non-Power Reactors 08/07/92 (92-009)
40801	Self-Assessment, Auditing, and Corrective Action at
	Permanently Shutdown Reactors 08/11/97 (97-012)
	-

4100 Training

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

4200 Procedures

42001	Emergency Operating Procedures 06/28/91 (91-009)
42700	Plant Procedures 11/15/95 (95-015)
42745	Class I Non-Power Reactor Procedures 08/07/92 (92-009)

4300 Vendor Procedures

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

4400 Reserved

4500 Geotechnical/Foundation

4600 Structural Concrete

4700 Containment (Post-Tensioning)

PROCEDURE

4800 Structural Steel and Supports

4900 Piping

49001 Inspection of Erosion/Corrosion Monitoring Programs

12/11/98 (98-019)

49055 Reactor Coolant Pressure Boundary Piping Record Review

08/16/82 (82-07)

5000 Mechanical Components and Equipment

50001 Steam Generator Replacement Inspection 09/06/00 (00-015)

50002 Steam Generators 12/31/96 (96-024)

5100 Electrical Components and Systems

5200 <u>Instrumentation Systems and Components</u>

52001 Digital Retrofits Receiving Prior Approval 03/02/98 (98-003)

52002 Digital Retrofits Not Receiving Prior Approval

03/02/98 (98-003)

5300 Containment Penetrations

5400 Cleanliness

5500 Welding

Nuclear Welding General Inspection Procedure

06/20/83 (83-06)

55100 Structural Welding General Inspection Procedure

06/20/83 (83-06)

5600 Calibration

5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

57050 Visual Testing Examination 03/09/99 (99-003)

57060 Liquid Penetrant Testing Examination 03/09/99 (99-003)

PROCEDURE

61709

61710

61715 61720

61726

	57070 57080 57090	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 Proc	<u>esses</u>
5900	Reserve Shu	utdown System
6000	6000 Fuel Fabrication, Handling and Storage	
	60705 60710 60745 60801 60851 60852	Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) Class I Non-Power Reactor Fuel Movement 10/03/94 (94-017) Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012) Design Control of ISFSI Components 05/22/00 (00-010) ISFSI Component Fabrication By Outside Fabricators 07/12/00 (00-012) On-Site Fabrication of Components and Construction of an
	60854 60855 60856 60857	ISFSI 09/07/00 (00-016) Preoperational Testing of an ISFSI 03/28/02 (02-012) Operation of an ISFSI 03/28/02 (02-012) Review of 10 CFR 72.212(b) Evaluations 04/02/03 (03-008) Review of 10 CFR 72.48 Evaluations 03/09/01 (01-007)
6100	Surveillance	
	61705	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)
	61706 61707	Core Thermal Power Evaluation 07/14/86 (86-36) Determination of Reactor Shutdown Margin 10/11/85 (85-31)
	61708	Isothermal and Moderator Temperature Coefficient

Surveillance Observations 06/24/98 (98-010)

Total Power Coefficient of Reactivity at Pressurized

Control Rod Worth Measurements (PWR) 10/11/85

Verification of Containment Integrity 12/23/86 (86-60) Containment Local Leak Rate Testing 10/03/85 (85-30)

Determinations 10/11/85 (85-31)

Water Reactors 07/14/86 (86-36)

(85-31)

PART	<u>RT</u> <u>PROCEDURE</u>		
	61728	Independent Measurement of RCS Leak Rates for a PWR	
	61745	01/01/84 (84-02) Class I Non-Power Reactor Surveillance 08/07/92 (92-009)	
6200	Maintenance	2	
	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 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	400 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 69003	Class II Non-Power Reactors 04/09/97 (97-004) Class I Non-Power Reactor Operator Licenses, Requalification, and Medical Activities 04/09/97 (97-004)	
	69004	Class I Non-Power Reactor Effluent and Environmental Monitoring 04//09/97 (97-004)	
	69005	Class I Non-Power Reactor Experiments 04/09/97 (97-004)	

PROCEDURE

7000 Preoperational Testing

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)

Licensed Operator Requalification Program Evaluation 07/23/98 (98-011)
License Renewal Inspection 09/18/00 (00-019)
Post-Approval Site Inspection for License Renewal 12/09/02 (02-044)
Power Upràte 07/09/02 (02-027)
Reactor Vessel Head Replacement Inspection 02/12/03 (03-003)
Reactor Safety-Initiating Events, Mitigating Systems,
Barrier Integrity 12/11/00 (00-024)
Adverse Weather Protection 01/17/02 (02-001)
Evaluation of changes, Tests, or Experiments 01/17/02 (02-001)
Equipment Alignment 01/17/02 (02-001)
Fire Protection 03/06/03 (03-007)
Flood Protection Measures 01/17/02 (02-001)
Heat Sink Performance 01/17/02 (02-001)
Inservice Inspection Activities 10/11/01 (01-021)
Licensed Operator Requalification Program 08/20/02 (02-031)
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 and Events 03/27/02 (02-011)
Operability Evaluations 01/17/02 (02-001)
Operator Workarounds 01/17/02 (02-001)
Permanent Plant modifications 01/17/02 (02-001)
Post Maintenance Testing 01/17/02 (02-001)
Refueling and Outage Activities 01/17/02 (02-001)
Safety system Design and Performance Capability 04/03/00 (00-003)
Surveillance Testing 01/17/02 (02-001)
Temporary Plant Modifications 01/17/02 (02-001)
Reactor Safety-Emergency Preparedness 07/09/02 (02-027)
Exercise Evaluation 07/09/02 (02-027)
Alert and Notification System Testing 07/09/02 (02-027)
Emergency Response Organization Augmentation Testing 07/09/02 (02-027)

PART PROCEDURE

71114.04	Emergency Action Level and Emergency Plan Changes 07/09/02 (02-027)
71114.05	Correction of emergency Preparedness Weaknesses and Deficiencies 07/09/02 (02-027)
71114.06 71121	Drill Evaluation 07/09/02 (02-027)
71121 71121.01	Occupational Radiation Safety 03/06/02 (02-008) Access Control to Radiologically Significant Areas
71121.02	03/06/02 (02-008) 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
71122.03	01/24/03 (03-001) Radiological Environmental Monitoring Program (REMP)
71130	01/24/03 (03-001) Physical Protection 04/03/00 (00-003)
71130.01	Access Authorization (AA) Program (Behavior Observation Only) 04/05/02 (02-015)
71130.02	Access Control (Search of Personnel, Packages, and Vehicles Identification and Authorization 04/05/02 (02-015)
71130.03	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy) 09/12/00 (00-018)
71130.04	Security Plan Changes 04/05/02 (02-015)
71150	Discrepant or Unreported Performance Indicator Data 03/06/01 (01-006)
71151	Performance Indicator Verification 04/16/02 (02-017)
71152	Identification and Resolution of Problems 01/17/02 (02-001)
71153	Event Followup 04/16/02 (02-017)
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
71841	Permanently Shutdown Reactors 08/11/97 (97-012) Human Performance 12/12/00 (00-027)
71846B	Review of Conduct of Operations 10/01/76 (76-24)
	· · · · · · · · · · · · · · · · · · ·

7200 Startup Testing

72300 72301	Startup Test Procedure Review 01/20/84 (84-04) Startup Test Results Evaluation 01/20/84 (84-04)
72302	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)

PART PROCEDURE

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)
72516B	Startup Test Proceduré Review - Shutdown From Outside
	the Control Room (Group A) 07/01/80 (80-16)
72517B	Startup Test Procedure Reviéw: 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	Initial Fuel Loading Witnessing 01/20/84 (84-04)
72526	BWR Initial Criticality Witnessing 01/20/84 (84-04)
72532	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	Initial Criticality Procedure Review (PWR) 07/01/80 (80-16)
72572B	Low Power Test Procedures Review Moderator Temperature
	Coefficient and Boron Worth or Control Rod Worth and
	Pseudo Rod Ejection Worth 07/01/80 (80-16)
72576B	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	Precritical Data Review 07/01/80 (80-16)
72600B	Power Level Plateau Data Review (25% PWR) 07/01/80
700005	(80-16)
72608B	Power Level Plateau Data Review (50% PWR) 07/01/80
	(80-16)

PROCEDURE

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>

/3051	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

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)
78300	Supplier/Vendor Inspection (Pre-Licensing and Construction) [04/02/03 (03-008)]

PROCEDURE

7900 Water Chemistry

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

8000 Environmental Protection

80721 Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81001 81018 81020 81022 81034 81038 81042 81046 81052	Independent Spent Fuel Storage Installations 09/17/01 (01-017) 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) Records and Reports 05/09/84 (84-15) Testing and Maintenance 05/09/84 (84-15) Locks, Keys, and Combinations 05/09/84 (84-15) 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)

PART PROCEDURE

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
0.0.0	Formula Quantities of Special Nuclear Materials in
	Transit 08/20/86 (86-40)
04.404	
81401	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
	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
01431	
04504	Material of Low Strategic Significance 09/17/01 (01-017)
81501	Personnel Training and Qualification - General Requirements
	05/09/84 (84-15)
81502	Fitness For Duty Program 05/31/91 (91-008)
81601	Safeguards Contingency Plan - Implementation Review
	05/09/84 (84-15)
81700	Physical Security Program for Power Reactors
	07/01/97 (97-010)
81810	Protection of Safeguards Information 02/09/87 (87-03)
81815	Authorizations for Access to National Security Information
01013	(NSI) and Restricted Data (RD) 04/30/97 (97-005)
04000	
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	Duress Alarms 02/19/91 (91-003)
81915	EECP Machine Performance - Explosive Detectors
01010	02/19/91 (91-003)
01016	EECP Machine Performance - Metal Detectors
81916	
04047	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	Interior Alarms 02/19/91 (91-003)
81920	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	Personnel Searches 02/19/91 (91-003)
81926	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)

PROCEDURE

81929

83722

83723

83724

83725

83726

83727

83728

	81930 81931 81932 81933 81934 81935	02/19/91 (91-003) Tactical Response Team Exercises 02/19/91 (91-003) Vehicle Barriers 02/19/91 (91-003) Vehicle Escorts 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	Planning
	82001 82301	Evaluation of Emergency Preparedness 05/22/00 (00-010) 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)
	82745	Research Reactor Emergency Plan 08/07/92 (92-009)
8300	Radiation Pr	rotection
	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 Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
	83521	Radiation Protection - Startup 01/01/84 (84-01)

Strategic Special Nuclear Material Exit Searches

Issue Date: 05/01/03 - 21 - TABLE OF CONTENTS

Surveys, and Monitoring 09/17/01 (01-017) Facilities and Equipment (Basic) 09/17/01 (01-017)

Radiation Protection, Plant Chemistry, and Radwaste:

General Employee, Radiation Safety, Plant Chemistry,

Control of Radioactive Materials and Contamination,

Maintaining Occupational Exposures ALARA 04/17/00

09/17/01 (01-017)

(00-006)

Dosimetry 04/17/00 (00-006)

Organization and Management Controls (Minimum/Basic)

Radwaste, and Transportation Training 04/17/00 (00-006) External Occupational Exposure Control and Personal

Internal Exposure Control and Assessment 04/17/00 (00-006)

PROCEDURE

83729	Occupational Exposure During Extended Outages 12/31/91 (91-021)
83743	Class I Non-Power Reactors Radiation Protection 10/03/94 (94-017)
83750	Occupational Radiation Exposure 06/06/02 (02-023)
83801	Inspection of Final Surveys at Permanently Shutdown Reactors 01/28/02 (02-003)
83822	Radiation Protection 09/07/00 (00-016)
83890	Closeout Inspection and Survey 05/01/03 (03-013)
83895	Radiation Protection - Followup on Expired Licensés 11/08/83 (83-13)
83895 Tbl I	07/11/85 (85-24) ´

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)
84850	Radioactive Waste Management - Inspection of Waste
	Generator Requirements of 10 CFR 20 and 10 CFR 61
	06/06/02 (02-023)
84900	Low-Level Radioactive Waste Storage 10/20/00 (00-022)

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 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)

PROCEDURE

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

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
	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)
07404	
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 12/31/02 (02-047)
87124	Fixed and Portable Gauge Programs 12/31/02 (02-047)
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)
87130	Nuclear Medicine Programs, Written Directive Not Required
	10/24/02 (02-041)

PART PROCEDURE

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
88003	Facilities 12/20/96 (96-025) 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/Ž3/84 (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)
88061	Chemical Safety Training 01/16/96 (96-001)
88062	Maintenance and Inspection 01/16/96 (96-001)
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)
88100	Plant Operations 12/30/96 (96-026)
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)
88105	Management Organization and Controls 12/30/96 (96-026)

PROCEDURE

8900	Fuel Facility and Materials Special Program	
	89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)
9000	Reportable M	Matters and Report Reviews
	90501B	Reportable Matters - Startup Test Program 04/30/75 (75-16)
	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	Title 10 Requ	<u>uirements</u>
9200 Planned Non-Routine Activities		-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 92702	Followup 03/14/94 (94-005) Followup on Corrective Actions for Violations and Deviations 03/14/94 (94-005)
	92703 92709 92711	Followup of Confirmatory Action Letters 11/08/01 (01-025) Licensee Plans for Coping With Strikes 08/21/92 (92-010) Continued Implementation of Strike Plans During an Extended
	92712	Strike 08/21/92 (92-010) Resumption of Normal Operations After a Strike 08/21/92 (92-010)
	92901 92902 92903 92904	Followup - Plant Operations 09/17/01 (01-017) Followup - Maintenance 09/17/01 (01-017) Followup - Engineering 09/17/01 (01-017) Followup - Plant Support 09/17/01 (01-017)
9300	Non-Routine	<u>Activities</u>
	93001 93702	OHSA Interface Activities 05/22/89 (89-009) Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
	93800	Augmented Inspection Team 10/23/02 (02-039)

PROCEDURE

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	Maintenance Program 08/06/93 (93-070)
93806	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 (SWSOPI) 09/14/98 (98-013)
93811	Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002)
93812	Special Inspection 10/23/02 (02-039)

9400 Technical Activities of an Administrative Nature

9500 Strategic Determination Actions

95001	Inspection for One or Two White Inputs in a Strategic
	Performance Area 01/17/02 (02-001)
95002	Inspection for One Degraded Cornerstone or Any three White
	Inputs in a Strategic Performance Area 01/17/02 (02-001)
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

TECHNICAL GUIDANCE

9900 Guidance²

99000 Technical Guidance 05/12/86 (86-26) 99100 Health Physics Positions 10/30/92 (92-011)

Technical Guidance

<u>rechnicai Gu</u>	<u>lidance</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 - C	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)

Issue Date: 05/01/03 - 27 - TABLE OF CONTENTS

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

TECHNICAL GUIDANCE

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 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 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)

TECHNICAL GUIDANCE

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 - 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]

TECHNICAL GUIDANCE

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 10/11/01 (01-021) [SGTUBELKG.TG]

Operations

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

Notice of Enforcement Discretion 11/02/01 (01-024) [TG OpsNOED.wpd]

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

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)
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)

10 CFR GUIDANCE

Part 50, App B Criterion VII - Control of Purchased Materials, Equipment and Services 06/02/71 (71-16)

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)

70.51 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