

NRC INSPECTION MANUAL

IIPB

TABLE OF CONTENTS

Table of Contents Current through Change Notice 03-017 Issued 05/29/03

PART

CHAPTER

0000 NRC Inspection Manual¹

0030 Policy and Guidance for Development of NRC Inspection
Manual Programs 04/30/97 (97-005)

0040 Preparing, Revising, and Issuing Documents for the NRC
Inspection Manual 02/21/03 (03-006)

0100 Program Responsibilities

0102 Oversight and Objectivity of Inspectors and Examiners
at Reactor Facilities 03/06/02 (02-008)

0111 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 Policy

0300 Announced and Unannounced Inspections 03/24/94 (94-010)

0301 Coordination of NRC Visits to Commercial Reactor Sites
08/24/01 (01-016)

0302 Inspection Program Evaluation Activities 09/27/95 (95-013)

0303 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 Oversight 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)

0330 Guidance for NRC Review of Licensee Draft Documents 07/08/96
(96-015)

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.

PART

CHAPTER

0350	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	<u>Enforcement Policy</u>
0500	<u>Tracking Systems</u>
0600	<u>Documentation of Program Findings</u>
0608	Performance Indicator Program 04/16/02 (02-017)
0609	Significance Determination Process 03/21/03 (03-010)
0609.01	Enforcement Review Panel 03/21/03 (03-010)
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	Significance Determination of Reactor Inspection Findings For At-Power Situations 03/18/02 (02-009)
0609 App B	Emergency Preparedness Significance Determination Process 03/06/03 (03-007)
0609 App C	Occupational Radiation Safety Significance Determination Process 03/06/02 (02-008)
0609 App D	Public Radiation Safety Significance Determination Process 11/15/02 (02-042)
0609 App E	Interim Physical Protection - Significance Determination Process 08/14/01 (01-014)
0609 App F	Fire Protection Significance Determination Process 02/27/01 (01-005)
0609, App F, Att 1,	Application of Fire Protection Risk-Significant Screening Methodology to Hypothetical Cases 02/27/01 (01-005)
0609, App F, 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	Inspection Reports 06/22/98 (98-009)
0612	Power Reactor Inspection Reports 04/01/03 (03-004)
0612, Ex3	Sample Reactor Inspection Report 05/23/03 (03-016)
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)

PART

CHAPTER

0700 Communications With Licensees

- 0720 Nuclear Regulatory Commission Generic Communications Regarding Nuclear Reactor Issues 03/21/94 (94-009)
- 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 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 Office Program Interfaces

- 1007 Interfacing Activities Between Regional Offices of NRC and OSHA 02/07/02 (02-004)

1100 Notifications of Meetings and Conferences

- 1100 Notification of Significant Meetings 08/06/87 (87-27)
- 1110 Potential Abnormal Occurrences 04/25/78 (78-13)
- 1120 Preliminary Notifications 12/27/94 (94-021)

1200 Inspector Requirements

- 1201 Conduct of Employees 06/29/99 (99-010)
- 1202 Senior Resident Inspector Site Turnover 01/17/02 (02-001)
- 1220 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)
- 1220, APP I Procedures and Guidelines For Processing NRC Form 241 05/01/03 (03-013)
- 1220, APP II Procedures Letter to be Sent to Licensees With Procedures and Information for Filing NRC Form 241 05/01/03 (03-013)
- 0220. App III Inspection of Agreement State Licensees 05/01/03 (03-013)
- 1230 Quality Assurance Program for Radiological Confirmatory Measurements 10/01/83 (83-12)
- 1232 Collection, Preparation, and Shipment of Independent Measurement Samples 11/18/86 (86-52)

PART
CHAPTER

1240	Inspector Access at Power Reactors 09/18/81 (81-23)
1245	Qualification Program For the Office of Nuclear Reactor Regulation Programs 05/01/03 (03-014)
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 Att3	General Orientation Topics 04/05/02 (02-014)
1245 APP A	Basic-Level Training and Qualification Journal 05/01/03 (03-014)
1245 APP B	General Proficiency-Level Training and Qualification Journal 05/01/03 (03-014)
1245 C1	Reactor Operations Inspector Technical Proficiency Qualification Journal 05/01/03 (03-014)
1245 C2	Reactor Engineering Inspection Technical Proficiency Qualification Journal 05/01/03 (03-014)
1245 C3	Reactor Health Physics Inspector Technical Proficiency Qualification Journal 05/01/03 (03-014)
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 Qualification Journal 05/01/03 (03-014)
1245 C8	Vender Inspector Technical Proficiency Qualification Journal 05-28/03 (03-017)
1245 C9	Construction Inspector Technical Proficiency Qualification Journal 05/01/03 (03-014)
1245 C10	Operator Licensing Examiner Technical Proficiency Qualification Journal 05/01/03 (03-014)
1245 D1	Senior Reactor Analyst Training and Qualification Program 01/24/03 (03-001)
1245 D3	Engineering Specialties Training Areas 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)
Sec. IV	Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage 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 04/14/03 (03-012)
Sec. XI	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)

PART

CHAPTER

Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer 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 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material Control and Accounting (MC&A) 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage 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 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 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)

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 Scientific Consultants in the Medical Consultant Program 04/24/02 (02-020)

PART

CHAPTER

1400 Reserved

1415 State Contracts for Environmental Monitoring 06/28/91
(91-009)

1500 Reserved

1600 Emergency Preparedness

1601 Communication Protocol For Assessing Offsite Emergency
Preparedness Following a Natural Disaster 09/02/97 (97-013)

1700 Reserved

1800 Reserved

1900 Reserved

2000 Reserved

2100 Reserved

2200 Reserved

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)

PART

CHAPTER

2514 App A	Startup Test Program Inspection Procedures 04/15/94 (94-018)
2515	Reactor Inspection Program - Operations Phase 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)
2515 App D	Plant status 01/17/02 (02-001)
2515/142	Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030) (Note this TI contains safeguards material)
2515/148 Rev. 2	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures 03/19/03 (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)
2530	Integrated Design Inspection Program 04/24/85 (85-17)
2535	Design Verification Programs 03/24/89 (89-007)
2545	Research and Test Reactor Inspection Program - Operations Phase 06/13/85 (85-23)
2561	Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)
2561/003	Re-Examination of Year 2000 (Y2K) Program Activities at Selected Decommissioning Reactors 11/30/99 (99-019)
2561/004	Safeguards and Emergency Preparedness Inspection of Interim Compensatory Measures at Decommissioning Power Reactors 04/22/03 (03-011)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 04/14/03 (03-012)
2600/003	Operational Safety Review 01/27/99 (99-001)
2600/004	Headquarters Inspections of Critical Mass and Rare-Earth Fuel Cycle Licensees 01/27/99 (99-001)
2600/005	Criticality Safety Programs at Fuel Cycle Facilities 10/12/99 (99-017)
2600/006	Resident Inspection Program for Category I Fuel Cycle Facilities 07/12/00 (00-012)
2600/007	Interim Guidance For Fuel Cycle Facility Core Inspection 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)

PART**CHAPTER**

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 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	Gaseous Diffusion Plant Operational Safety and Safeguards 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 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)
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	<u>Licensee Contractor and Vendor Inspection Program</u>
2700	Vendor Inspection Program (VIP) 10/29/90 (90-013)
2800	<u>Materials Inspection Program</u>
2800	Materials Inspection Program 12/01/00 (00-026)
2800/026	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)

PART

PROCEDURE

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)

3000 Management Meetings

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

3100 Reserved

3200 Reserved

3300 Reserved

3400 Reserved

3500 Quality Assurance

35501	QA for the Startup Test Program 01/20/84 (84-04)
35701	Quality Assurance Program Review 09/17/01 (01-017)

3600 Organization and Administration

36100	10 CFR Part 21 Inspections at Nuclear Power Reactors 08/30/91 (91-011)
36800	Organization 09/17/01 (01-017)
36801	Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

PART

PROCEDURE

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)

3900 Records

39701 Records Program 09/17/01 (01-017)
39745 Class I Non-Power Reactors Organization and Operations and
Maintenance Activities 08/07/92 (92-009)

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

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)
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)

PART

PROCEDURE

4400 Reserved

4500 Geotechnical/Foundation

4600 Structural Concrete

4700 Containment (Post-Tensioning)

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 Instrumentation Systems and Components

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

55050 Nuclear Welding General Inspection Procedure
06/20/83 (83-06)

55100 Structural Welding General Inspection Procedure
06/20/83 (83-06)

PART

PROCEDURE

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)
- 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)
- 60745 Class I Non-Power Reactor Fuel Movement 10/03/94 (94-017)
- 60801 Spent Fuel Pool Safety at Permanently Shutdown Reactors
08/11/97 (97-012)
- 60851 Design Control of ISFSI Components 05/22/00 (00-010)
- 60852 ISFSI Component Fabrication By Outside Fabricators
07/12/00 (00-012)
- 60853 On-Site Fabrication of Components and Construction of an
ISFSI 09/07/00 (00-016)
- 60854 Preoperational Testing of an ISFSI 03/28/02 (02-012)
- 60855 Operation of an ISFSI 03/28/02 (02-012)
- 60856 Review of 10 CFR 72.212(b) Evaluations 04/02/03 (03-008)
- 60857 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 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)

PART

PROCEDURE

- 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)
- 61745 Class I Non-Power Reactor Surveillance 08/07/92 (92-009)

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 Maintenance Rule 12/13/00 (00-028)
- 62709 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 Motor-Operated Valve Capability 09/12/00 (00-018)
- 62801 Maintenance and Surveillance at Permanently Shutdown
Reactors 08/11/97 (97-012)

6300 Construction 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 Reactor Inspection

- 69001 Class II Non-Power Reactors 04/09/97 (97-004)
- 69003 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)

PART

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)

- 71001 Licensed Operator Requalification Program Evaluation
07/23/98 (98-011)
- 71002 License Renewal Inspection 09/18/00 (00-019)
- 71003 Post-Approval Site Inspection for License Renewal
12/09/02 (02-044)
- 71004 Power Uprate 07/09/02 (02-027)
- 71007 Reactor Vessel Head Replacement Inspection 02/12/03 (03-003)
- 71111 Reactor Safety-Initiating Events, Mitigating Systems,
Barrier Integrity 05/06/03 (03-015)
- 71111.DS Safety System Design and Performance Capability
05/06/03 (03-015)
- 71111.EP Equipment Availability, and Functional Capability 05/06/03 (03-015)
- 71111.HS Heat Sink Performance 05/06/03 (03-015)
- 71111.ST Post-Maintenance and Surveillance Testing 05/06/03 (03-015)
- 71111.01 Adverse Weather Protection 01/17/02 (02-001)
- 71111.02 Evaluation of changes, Tests, or Experiments
01/17/02 (02-001)
- 71111.04 Equipment Alignment 01/17/02 (02-001)
- 71111.05 Fire Protection 03/06/03 (03-007)
- 71111.06 Flood Protection Measures 01/17/02 (02-001)
- 71111.07 Heat Sink Performance 01/17/02 (02-001)
- 71111.08 Inservice Inspection Activities 10/11/01 (01-021)
- 71111.11 Licensed Operator Requalification Program 08/20/02 (02-031)
- 71111.12 Maintenance Effectiveness 07/01/02 (02-025)
- 71111.13 Maintenance Risk Assessments and Emergent Work Evaluation
01/17/02 (02-001)
- 71111.14 Personnel Performance Related to Nonroutine Plant Evolutions
and Events 03/27/02 (02-011)
- 71111.15 Operability Evaluations 01/17/02 (02-001)
- 71111.16 Operator Workarounds 01/17/02 (02-001)
- 71111.17 Permanent Plant modifications 01/17/02 (02-001)
- 71111.19 Post Maintenance Testing 01/17/02 (02-001)
- 71111.20 Refueling and Outage Activities 01/17/02 (02-001)
- 71111.21 Safety system Design and Performance Capability
04/03/00 (00-003)
- 71111.22 Surveillance Testing 01/17/02 (02-001)
- 71111.23 Temporary Plant Modifications 01/17/02 (02-001)
- 71114 Reactor Safety-Emergency Preparedness 07/09/02 (02-027)
- 71114.01 Exercise Evaluation 07/09/02 (02-027)
- 71114.02 Alert and Notification System Testing 07/09/02 (02-027)
- 71114.03 Emergency Response Organization Augmentation Testing
07/09/02 (02-027)

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	Drill Evaluation 07/09/02 (02-027)
71121	Occupational Radiation Safety 03/06/02 (02-008)
71121.01	Access Control to Radiologically Significant Areas 03/06/02 (02-008)
71121.02	ALARA Planning and Controls 03/06/08 (02-008)
71121.03	Radiation Monitoring Instrumentation 03/06/02 (02-008)
71122	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 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 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)

7200 Startup Testing

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

PART

PROCEDURE

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 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	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) 17/01/80 (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 (80-16)
72608B	Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16)
72616B	Power Level Plateau Data Review (75% PWR) 07/01/80 (80-16)
72624B	Power Level Plateau Data Review (100% PWR) 07/01/80 (80-16)
72701	Modification Testing 04/14/92 (92-004)

7300 Inservice Inspection

73051	Inservice Inspection - Review of Program 01/14/86 (86-03)
73052	Inservice Inspection - Review of Procedures 01/14/86 (86-03)
73753	Inservice Inspection 06/24/98 (98-010)

PART

PROCEDURE

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

7900 Water Chemistry

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

8000 Environmental Protection

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

8100 Physical Security

- 81001 Independent Spent Fuel Storage Installations 09/17/01 (01-017)
- 81018 Security Plan and Implementing Procedures 05/09/84 (84-15)
- 81020 Management Effectiveness - Security Program 05/09/84 (84-15)
- 81022 Security Organization 05/09/84 (84-15)
- 81034 Security Program Audit 05/09/84 (84-15)

PART

PROCEDURE

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	Communication 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 Transit 08/20/86 (86-40)
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 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)

PART

PROCEDURE

81815	Authorizations for Access to National Security Information (NSI) and Restricted Data (RD) 04/30/97 (97-005)
81820	Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 04/30/97 (97-005)
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 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	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)
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	Vehicle Escorts 02/19/91 (91-003)
81933	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

82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)
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 2/31/96 (96-024)
82745	Research Reactor Emergency Plan 08/07/92 (92-009)

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)

PART

PROCEDURE

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)
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 04/17/00 (00-006)
83724	External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006)
83725	Internal Exposure Control and Assessment 04/17/00 (00-006)
83726	Control of Radioactive Materials and Contamination, Surveys, and Monitoring 09/17/01 (01-017)
83727	Facilities and Equipment (Basic) 09/17/01 (01-017)
83728	Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
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 Licenses 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)

PART

PROCEDURE

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)
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	<u>Spent Fuel and Other Radioactive Material Packaging and Shipping</u>
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	<u>Materials Safety Inspection</u>
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

PART

PROCEDURE

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)
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	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)
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)

PART

PROCEDURE

- 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)

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)
- 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 Requirements

9200 Planned Non-Routine Activities

- 92050 Review of Quality Assurance For Extended Construction
Delay 04/04/00 (00-005)
- 92700 Onsite Followup of Written Reports of Nonroutine Events
at Power Reactor Facilities 12/31/98 (98-020)
- 92701 Followup 03/14/94 (94-005)
- 92702 Followup on Corrective Actions for Violations and Deviations
03/14/94 (94-005)
- 92703 Followup of Confirmatory Action Letters 11/08/01 (01-025)
- 92709 Licensee Plans for Coping With Strikes 08/21/92 (92-010)
- 92711 Continued Implementation of Strike Plans During an Extended
Strike 08/21/92 (92-010)
- 92712 Resumption of Normal Operations After a Strike
08/21/92 (92-010)
- 92901 Followup - Plant Operations 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 OHSA Interface Activities 05/22/89 (89-009)
- 93702 Prompt Onsite Response To Events At Operating Power
Reactors 09/17/01 (01-017)
- 93800 Augmented Inspection Team 10/23/02 (02-039)

PART

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 05/23/03 (03-016)
95002	Inspection for One Degraded Cornerstone or Any three White Inputs in a Strategic Performance Area 05/23/03 (03-016)
95003	Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or One Red Input 01/17/02 (02-001)

9600 Reserved

9700 Reserved

9800 Reserved

PART

TECHNICAL GUIDANCE

9900 Guidance²

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

Technical Guidance

Reg. Guide 1.16,	Para. C.2.a(2) and C.2.b(2) - Reporting Requirements - Degraded Mode 04/01/79 (79-05)
Reg. Guide 1.16,	Para. C.2.a(3) - Reporting Requirements - Abnormal 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 Section III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section IX	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section IX 05/12/86 (86-26)
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
IEEE	Institute of Electrical and Electronic Engineers IEEE Standard 450-1975 05/12/86 (86-26)
ANSI	American National Standards Institute ANSI N18.7-1972 Section 5.1.5 05/12/86 (86-26)
ANSI	ANSI N18.7, Section 5.2.7 - Design and Construction Type Activities Conducted During the Operations Phase (Maintenance and Modifications) 04/01/77 (77-05)

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

PART

TECHNICAL GUIDANCE

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)
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)

PART

TECHNICAL GUIDANCE

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 Licensee Review Responsibility for Proposed Changes to Facility Technical Specifications 01/01/82 (81-28)
and Sec 6.5

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

Operations

PART

TECHNICAL GUIDANCE

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]

PART

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)
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

PART

10 CFR 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)

70.52

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