

# NRC INSPECTION MANUAL

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## TABLE OF CONTENTS

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Table of Contents Current through Change Notice 02-012 Issued 03/28/02

PART

CHAPTER

0000 NRC Inspection Manual<sup>1</sup>

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 08/16/01 (01-015)

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 10/30/92 (92-011)

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)

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<sup>1</sup>The 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

|                     |  |
|---------------------|--|
| 0304                | Plant Performance Review 09/26/96 (96-020)   |
| 0305                | Operating Reactor Assessment Program 02/11/02 (02-005)   |
| 0307                | Reactor Oversight Process Self-Assessment Program<br>04/12/01 (01-012)   |
| 0312                | Technical Assistance for Radiation Safety Inspections<br>at Nuclear Fuel Cycle Facilities and Materials Licensees'<br>Sites 08/28/95 (95-010)                  |
| 0330                | Guidance for NRC Review of Licensee Draft Documents 07/08/96<br>(96-015)   |
| 0350                | Staff Guidelines for Oversight of Operating Reactor<br>Facilities in an Extended Shutdown as a Result of<br>Significant Performance Problems 03/23/01 (01-009) |
| 0400                | <u>Enforcement Policy</u>  |
| 0500                | <u>Tracking Systems</u>  |
| 0600                | <u>Documentation of Program Findings</u>   |
| 0608                | Performance Indicator Program 04/12/01 (01-012)  |
| 0609                | Significance Determination Process 08/16/01 (01-015)   |
| 0609.01             | Enforcement Review Panel 04/21/00 (00-007)   |
| 0609.02             | Process For Appealing NRC Characterization of Inspection<br>Findings (SDP Appeal Process) 08/16/01 (01-015)  |
| 0609.03             | Senior Reactor Analyst Support Objectives 08/16/01 (01-015)  |
| 0609 App A          | Significance Determination of Reactor Inspection Findings<br>For At-Power Situations 03/18/02 (02-009)   |
| 0609 App B          | Emergency Preparedness Significance Determination Process<br>12/29/00 (00-030)   |
| 0609 App C          | Occupational Radiation Safety Significance Determination<br>Process 03/06/02 (02-008)  |
| 0609 App D          | Public Radiation Safety Significance Determination Process<br>03/06/02 (02-008)  |
| 0609 App E          | Interim Physical Protection - Significance Determination<br>Process 08/14/01 (01-014)  |
| 0609 App F          | Fire Protection Significance Determination Process<br>02/27/01 (01-005)  |
| 0609, App F, Att 1, | Application of Fire Protection Risk-Significant<br>Screening Methodology to Hypothetical Cases 02/27/01 (01-005)   |
| 0609, App F, Att 2, | Additional Guidance for the Assessment of Findings<br>Using Significance Determination Process Entry<br>02/27/01 (01-005)                                      |
| 0609 App G          | Shutdown Operations Significance Determination Process<br>02/27/01 (01-005)  |
| 0609 App H          | Containment Integrity Significance Determination Process<br>04/21/00 (00-007)  |

PART

CHAPTER

|          |  |   |
|----------|--|---|
| 0609     | App I  | Operator Requalification - Human Performance Significance Determination Process 03/27/02 (02-011)   |
| 0610     |  | Inspection Reports 06/22/98 (98-009)  |
| 0610*    |  | Power Reactor Inspection Reports 02/27/01 (01-005)  |
| 0620     |  | Inspection Documents and Records<br>07/08/96 (96-015)   |
| 0630     |  | Analysis of the Impact of Noncompliance with Physical Security Requirements 10/01/82 (82-09)  |
| <br>     |  |   |
| 0700     | <u>Communications With Licensees</u>               |   |
| 0720     |  | Nuclear Regulatory Commission Generic Communications Regarding Nuclear Reactor Issues 03/21/94 (94-009)   |
| 0730     |  | Generic Communications Regarding Materials and Fuel Cycle Issues 11/15/99 (99-018)  |
| <br>     |  |   |
| 0800     | <u>Feedback - Improving the Regulatory Process</u> |   |
| 0801     |  | Reactor Oversight Process Feedback Program 03/05/02 (02-007)  |
| <br>     |  |   |
| 0900     | <u>Reporting of Events/Incidents</u>               |   |
| 0970     |  | Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)  |
| <br>     |  |   |
| 1000     | <u>Regional Office Program Interfaces</u>          |   |
| 1007     |  | Interfacing Activities Between Regional Offices of NRC and OSHA 02/07/02 (02-004)   |
| <br>     |  |   |
| 1100     | <u>Notifications of Meetings and Conferences</u>   |   |
| 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)   |
| <br>     |  |   |
| 1200     | <u>Inspector Requirements</u>                      |   |
| 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," and Inspection of Agreement State Licensees Operating Under 10 CFR 150.20<br>09/08/97 (97-014) |
| 1220/001 |  | Inspection of Agreement State Licensees Operating Under 10 CFR 150.20 02/13/01 (01-004)   |

PART

CHAPTER

|            |  |
|------------|--|
| 1230       | Quality Assurance Program for Radiological Confirmatory Measurements 10/01/83 (83-12)                      |
| 1232       | Collection, Preparation, and Shipment of Independent Measurement Samples 11/18/86 (86-52)                  |
| 1240       | Inspector Access at Power Reactors 09/18/81 (81-23)  |
| 1245       | Inspector Qualification For the Office of Nuclear Reactor Regulation Inspection Program 04/09/01 (01-011)  |
| 1245 APP A | Training Requirements For Inspector Classifications 04/09/01 (01-011)                                      |
| Sec. I     | BWR Operations Inspector 09/14/99 (99-015)   |
| Sec. II    | Westinghouse PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. III   | Combustion Engineering PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. IV    | Babcock & Wilcox PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. V     | Reactor Engineering Support Inspector 09/14/99 (99-015)  |
| Sec. VI    | Reactor Health Physics Inspector 09/14/99 (99-015)   |
| Sec. VII   | Reactor Safeguards Inspector 09/14/99 (99-015)   |
| Sec. VIII  | Reactor Technical Specialist/Team Member 09/14/99 (99-015)   |
| Sec. IX    | Reactor Emergency Preparedness or Health Physics Specialist/Team Member 09/14/99 (99-015)                  |
| Sec. X     | Non-Power Reactor Inspector 09/14/99 (99-015)  |
| Sec. XI    | Emergency Preparedness Inspector 09/14/99 (99-015)   |
| Sec. XII   | NRR Vendor Inspector 12/02/96 (96-023)   |
| Sec. XIII  | Reactor Decommissioning Inspector 09/14/99 (99-015)  |
| Sec. XIV   | Technical Assistance Inspector 01/21/98 (99-015)   |
| Sec. XV    | Training Requirements for Senior Reactor Analyst 04/09/01 (01-011)   |
| 1245 APP B | Inspector Training and Qualification Journal 04/09/01 (01-011)   |
| Sec. I     | BWR Operations Inspector 09/14/99 (99-015)   |
| Sec. II    | Westinghouse PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. III   | Combustion Engineering PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. IV    | Babcock & Wilcox PWR Operations Inspector 09/14/99 (99-015)  |
| Sec. V     | Reactor Engineering Support Inspector 09/14/99 (99-015)  |
| Sec. VI    | Reactor Health Physics Inspector 10/10/97 (97-017)   |
| Sec. VII   | Reactor Safeguards Inspector 10/10/97 (97-017)   |
| Sec. VIII  | Reactor Technical Specialist/Team Member 09/14/99 (99-015)   |
| Sec. IX    | Reactor Emergency Preparedness or Health Physics Specialist/Team Member 10/10/97 (97-017)                  |
| Sec. X     | Non-Power Reactor Inspector 10/10/97 (97-017)  |
| Sec. XI    | Emergency Preparedness Inspector 10/10/97 (97-017)   |
| Sec. XII   | NRR Vendor Inspector 10/10/97 (97-017)   |
| Sec. XIII  | Reactor Decommissioning Inspector 10/10/97 (97-017)  |
| Sec. XIV   | Technical Assistance Inspector 01/21/98 (98-001)   |
| Sec. XV    | NRC Senior Reactor Analyst Qualification Journal 04/09/01 (01-011)   |
| 1246       | Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 03/27/98 (98-005) |
| 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)   |

PART

CHAPTER

|            |   |
|------------|---|
| Sec. III   | Fuel Cycle Safety Inspector 01/05/01 (01-002)   |
| Sec. IV    | Fuel Cycle Safeguards Inspector Physical Security<br>01/05/01 (01-002)  |
| Sec. V     | NMSS Headquarters Fuel Cycle Safeguards Inspector Material<br>Control and Accounting 01/05/01 (01-002)                            |
| Sec. VI    | NMSS Headquarters Transportation Packaging and Dry Storage<br>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<br>01/05/01 (01-002)  |
| Sec. IX    | Decommissioning Inspectors 01/05/01 (01-002)  |
| Sec. X     | Decommissioning Project Managers/Technical Reviewers<br>01/05/01 (01-002)   |
| Sec. XI    | Materials Exempt Distribution License Reviewer<br>01/05/01 (01-002)   |
| Sec. XII   | Uranium Recovery Inspector 01/05/01 (01-002)  |
| Sec. XIII  | Uranium Recovery Project Manager/Technical Reviewer<br>01/05/01 (01-002)  |
| Sec. XIV   | High-Level Waste Repository Inspector 01/05/01 (01-002)   |
| Sec. XV    | High-Level Waste Repository License Technical Review<br>01/05/01 (01-002)   |
| 1246 APP B | NRC Inspector, License Reviewer and Project<br>Manager/Technical Reviewer Training and Qualification<br>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<br>01/05/01 (01-002)  |
| Sec. V     | NMSS Headquarters Fuel cycle Safeguards Inspector Material<br>Control and Accounting (MC&A) 01/05/01 (01-002)                     |
| Sec. VI    | NMSS Headquarters Transportation Packaging and Dry Storage<br>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<br>01/05/01 (01-002)  |
| Sec. IX    | Decommissioning Inspector 01/05/01 (01-002)   |
| Sec. X     | Decommissioning Project Manager/Technical Reviewer<br>01/05/01 (01-002)   |
| Sec. XI    | Materials Exempt Distribution License Reviewer<br>01/05/01 (01-002)   |
| Sec. XII   | Uranium Recovery Inspector 01/05/01 (01-002)  |
| Sec. XIII  | Uranium Recovery Project Manager/Technical Reviewer<br>01/05/01 (01-002)  |
| Sec. XIV   | High-Level Waste Repository Inspector 01/05/01 (01-002)   |
| Sec. XV    | High-Level Waste Repository License Technical Reviewer<br>01/05/01 (01-002)   |

PART

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) 07/27/95 (95-009)
- 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 01/27/99 (99-001)

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)

PART

CHAPTER

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

- 2514 Light Water Reactor Inspection Program - Startup  
Testing Phase 08/21/89 (89-013)
- 2514 APP. A Startup Test Program Inspection Procedures 04/15/94 (94-018)
- 2515 Reactor Inspection Program - Operations Phase  
01/17/02 (02-001)
- 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  
03/06/01 (01-006)
- 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)
- 2515/145 Circumferential Cracking of Reactor Pressure Vessel Head  
Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01 (01-018)
- 2515/146 Hydrogen Storage Locations 12/14/01 (01-030)
- 2516 Policy and Guidance For The License Renewal Inspection  
Program 01/08/01 (01-001)
- 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  
08/11/97 (97-012)
- 2561/003 Re-Examination of Year 2000 (Y2K) Program Activities  
at Selected Decommissioning Reactors 11/30/99 (99-019)

2600 Fuel Cycle Facility Inspection Program

- 2600 Fuel Cycle Facility Operational Safety and Safeguards  
Inspection Program 04/08/96 (96-007)
- 2600 App A 04/08/96 (96-007)
- 2600/002 Fuel Cycle Inspections of Licensees in States Which Have  
Been Denied Access to Low-Level Waste Disposal  
Facilities 03/11/91 (91-004)
- 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

PART

CHAPTER

|             |   |
|-------------|---|
| 2600/007    | Facilities 07/12/00 (00-012)<br>Interim Guidance For Fuel Cycle Facility Core Inspection Program 08/25/00 (00-014)  |
| 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 08/26/96 (96-018)   |
| 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 Exh. 5 | 08/20/86 (86-40)  |
| 2681 Exh. 6 | 08/20/86 (86-40)  |
| 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)   |



PART

PROCEDURE

- 2800/029 Nuclear Medicine Programs 02/07/02 (02-004)  
Rev. 2
- 2800/030 Verification of the Status of Devices Authorized For Use  
Under a General License 05/30/00 (00-011)
- 2800/031 Extremity Exposure Monitoring 12/14/00 (00-031)
- 2800/032 Followup - Materials Safeguard Advisory 10/31/01 (01-023)
- 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

PART

PROCEDURE

|       |   |
|-------|---|
| 36100 | 10 CFR Part 21 Inspections at Nuclear Power Reactors<br>08/30/91 (91-011)                               |
| 36800 | Organization 09/17/01 (01-017)  |
| 36801 | Organization, Management, and Cost Controls at Permanently<br>Shutdown Reactors 08/11/97 (97-012)       |
| 3700  | <u>Design, Design Changes, Modifications</u>  |
| 37001 | 10 CFR 50.59 Safety Evaluation Program 06/24/98 (98-010)  |
| 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<br>Permanently Shutdown Reactors 08/11/97 (97-012) |
| 3800  | <u>Procurement</u>  |
| 38703 | Commercial Grade Dedication 04/08/96 (96-007)   |
| 3900  | <u>Records</u>  |
| 39701 | Records Program 09/17/01 (01-017)   |
| 39745 | Class I Non-Power Reactors Organization and Operations and<br>Maintenance Activities 08/07/92 (92-009)  |
| 4000  | <u>Review and Audit</u>   |
| 40001 | Resolution of Employee Concerns 06/03/97 (97-006)   |
| 40002 | Inspections to Review Allegations 08/26/96 (96-018)   |
| 40500 | Effectiveness of Licensee Process to Identify, Resolve, and<br>Prevent Problems 05/03/99 (99-008)       |
| 40745 | Class I Non-Power Reactor Review and Audit and Design<br>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<br>Permanently Shutdown Reactors 08/11/97 (97-012)  |
| 4100  | <u>Training</u>   |
| 41500 | Training and Qualification Effectiveness 06/13/95 (95-007)  |
| 4200  | <u>Procedures</u>   |
| 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)  |

PART

PROCEDURE

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)

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

PART

PROCEDURE

- 55100 (83-06)  
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)
  - 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 11/30/99 (99-019)
  - 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)

PART

PROCEDURE

- 61707 Determination of Reactor Shutdown Margin 10/11/85 (85-31)
- 61708 Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31)
- 61709 Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36)
- 61710 Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
- 61715 Verification of Containment Integrity 12/23/86 (86-60)
- 61720 Containment Local Leak Rate Testing 10/03/85 (85-30)
- 61726 Surveillance Observations 06/24/98 (98-010)
- 61728 Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)
- 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)

PART

PROCEDURE

- 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)

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)
- 71111 Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 12/11/00 (00-024)
- 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 03/23/01 (01-009)
- 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 08/16/01 (01-015)
- 71111.12 Maintenance Rule Implementation 04/03/00 (00-003)
- 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 04/12/01 (01-012)
- 71114.01 Exercise Evaluation 04/12/01 (01-012)
- 71114.02 Alert and Notification System Testing 04/03/00 (00-003)
- 71114.03 Emergency Response Organization Augmentation Testing 04/03/00 (00-003)

PART

PROCEDURE

|          |   |
|----------|---|
| 71114.04 | Emergency Action Level and Emergency Plan Changes<br>04/03/00 (00-003)  |
| 71114.05 | Correction of emergency Preparedness Weaknesses and<br>Deficiencies 04/03/00 (00-003)                               |
| 71114.06 | Drill Evaluation 04/03/00 (00-003)  |
| 71121    | Occupational Radiation Safety 03/06/02 (02-008)   |
| 71121.01 | Access Control to Radiologically Significant Areas<br>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 04/03/00 (00-003)   |
| 71122.01 | Radioactive Gaseous and Liquid Effluent Treatment and<br>Monitoring Systems 03/06/02 (02-008)                       |
| 71122.02 | Radioactive Material Processing and Transportation<br>03/06/02 (02-008)   |
| 71122.03 | Radiological Environmental Monitoring Program (REMP)<br>03/06/02 (02-008)   |
| 71130    | Physical Protection 04/03/00 (00-003)   |
| 71130.01 | Access Authorization (AA) Program (Behavior Observation<br>Only) 09/12/00 (00-018)                                  |
| 71130.02 | Access Control (Search of Personnel, Packages, and Vehicles<br>Identification and Authorization 09/12/00 (00-018)   |
| 71130.03 | Response to Contingency Events (Protective Strategy and<br>Implementation of Protective Strategy) 09/12/00 (00-018) |
| 71130.04 | Security Plan Changes 09/12/00 (00-018)   |
| 71150    | Discrepant or Unreported Performance Indicator Data<br>03/06/01 (01-006)  |
| 71151    | Performance Indicator Verification 03/06/01 (01-006)  |
| 71152    | Identification and Resolution of Problems 01/17/02 (02-001)   |
| 71153    | Event Followup 01/17/02 (02-001)  |
| 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<br>(92-004)   |
| 71750    | Plant Support Activities 06/24/98 (98-010)  |
| 71801    | Decommissioning Performance and Status Review at<br>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<br>(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)              |

PART

PROCEDURE

|        |  |
|--------|--|
| 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 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) 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 (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)   |



PART

PROCEDURE

7300 Inservice Inspection

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

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

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)
- 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)

PART

PROCEDURE

|       |  |
|-------|--|
| 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,<br>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)<br>09/08/00 (00-017)   |
| 81310 | Physical Protection of Shipments of Irradiated Fuel<br>02/20/86 (86-09)  |
| 81335 | Physical Protection of Shipments of SNM of Moderate<br>Strategic Significance (MSNM) 02/20/86 (86-09)  |
| 81340 | Physical Protection of Shipments of SNM of Low Strategic<br>Significance (LSNM) 02/20/86 (86-09)   |
| 81360 | General Requirements for Physical Protection of Formula<br>Quantities of Special Nuclear Material in Transit<br>08/20/86 (86-40)               |
| 81365 | Records, Reports, and Planning for Physical Protection<br>of Formula Quantities of Special Nuclear Material in<br>Transit 08/20/86 (86-40)     |
| 81370 | Specific Requirements for Physical Protection of<br>Formula Quantities of Special Nuclear Materials in<br>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<br>Quantities of Special Nuclear Material 11/04/85 (85-34)                                       |
| 81421 | Fixed Site Physical Protection of Special Nuclear Material<br>of Moderate Strategic Significance 06/13/85 (85-23)                              |
| 81431 | Fixed Site Physical Protection of Special Nuclear<br>Material of Low Strategic Significance 09/17/01 (01-017)                                  |
| 81501 | Personnel Training and Qualification - General Requirements<br>05/09/84 (84-15)  |
| 81502 | Fitness For Duty Program 05/31/91 (91-008)   |
| 81601 | Safeguards Contingency Plan - Implementation Review<br>05/09/84 (84-15)  |
| 81700 | Physical Security Program for Power Reactors<br>07/01/97 (97-010)  |
| 81810 | Protection of Safeguards Information 02/09/87 (87-03)  |
| 81815 | Authorizations for Access to National Security Information<br>(NSI) and Restricted Data (RD) 04/30/97 (97-005)                                 |
| 81820 | Physical Protection Facility Approval and Safeguarding<br>of National Security Information (NSI) and Restricted<br>Data (RD) 04/30/97 (97-005) |
| 81910 | Alarm Stations 02/19/91 (91-003)   |
| 81911 | Assessment 02/19/91 (91-003)   |

PART

PROCEDURE

|       |   |
|-------|---|
| 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<br>02/19/91 (91-003)   |
| 81916 | EECP Machine Performance - Metal Detectors<br>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<br>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<br>12/31/96 (96-024)                     |
| 82302 | Review of Exercise Objectives and Scenarios for Power<br>Reactors 06/24/98 (98-010) |
| 82701 | Operational Status of the Emergency Preparedness<br>Program 12/31/96 (96-024)       |
| 82745 | Research Reactor Emergency Plan 08/07/92 (92-009)                                   |

8300 Radiation Protection

|          |   |
|----------|---|
| 83100    | Occupational Exposure During SAFSTOR and DECON<br>12/30/91 (91-022)   |
| 83501    | Significant Uncontrolled Radiation Exposures<br>04/17/00 (00-006)   |
| 83502.01 | Radioactive Gaseous and Liquid Treatment and Monitoring<br>Systems 04/17/00 (00-006)                        |
| 83502.02 | Radioactive Material Process and Transportation<br>04/17/00 (00-006)  |
| 83502.03 | Radiological Environmental Monitoring Program and<br>Radioactive Material Control Program 04/17/00 (00-006) |

PART

PROCEDURE

|             |   |
|-------------|---|
| 83521       | Radiation Protection - Startup 01/01/84 (84-01)   |
| 83722       | Radiation Protection, Plant Chemistry, and Radwaste:<br>Organization and Management Controls (Minimum/Basic)<br>09/17/01 (01-017) |
| 83723       | General Employee, Radiation Safety, Plant Chemistry,<br>Radwaste, and Transportation Training 04/17/00 (00-006)                   |
| 83724       | External Occupational Exposure Control and Personal<br>Dosimetry 04/17/00 (00-006)  |
| 83725       | Internal Exposure Control and Assessment 04/17/00 (00-006)  |
| 83726       | Control of Radioactive Materials and Contamination,<br>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<br>(00-006)   |
| 83729       | Occupational Exposure During Extended Outages 12/31/91<br>(91-021)  |
| 83743       | Class I Non-Power Reactors Radiation Protection<br>10/03/94 (94-017)  |
| 83750       | Occupational Radiation Exposure 03/15/94 (94-006)   |
| 83801       | Inspection of Final Surveys at Permanently Shutdown Reactors<br>01/28/02 (02-003)   |
| 83822       | Radiation Protection 09/07/00 (00-016)  |
| 83890       | Closeout Inspection and Survey 03/07/94 (94-004)  |
| 83895       | Radiation Protection - Followup on Expired Licenses<br>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<br>Waste Disposal Facilities In Agreement States<br>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<br>Monitoring 03/15/94 (94-006)  |
| 84850 | Radioactive Waste Management - Inspection of Waste<br>Generator Requirements of 10 CFR 20 and 10 CFR 61<br>09/17/01 (01-017)         |
| 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<br>(85-10)  |
| 85200 | MC&A for Licensees Possessing Less Than or Equal to<br>One Effective Kilogram of SNM 04/10/85 (85-15) |
| 85203 | Facility Organization and Management Controls<br>01/17/86 (86-04)                                     |

PART

PROCEDURE

|       |   |
|-------|---|
| 85205 | Facility Operations and Internal Controls 04/10/85<br>(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<br>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<br>Reactors 06/22/88 (88-07)      |
| 85425 | Implementation of US/IAEA Safeguards Agreement at Fuel<br>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<br>Transportation Packagings 02/07/02 (02-004)         |
| 86700 | Spent Fuel Pool Activities 09/17/01 (01-017)  |
| 86721 | Transportation (Basic) 09/17/01 01-017)   |
| 86730 | Transportation of Radioactive Materials (49 CFR Parts 100-<br>179 and 10 CFR Part 71) 04/17/00 (00-006) |
| 86740 | Inspection of Transportation Activities 09/17/01 (01-017)   |
| 86750 | Solid Radioactive Waste Management and Transportation<br>of Radioactive Materials 03/15/94 (94-006)     |

8700 Materials Safety Inspection

|       |  |
|-------|--|
| 87102 | Maintaining Effluents From Materials Facilities As Low As Is<br>Reasonably Achievable (ALRA) 04/04/00 (00-005) |
| 87103 | Inspection of Material Licensees Involved in an Incident or<br>Bankruptcy Filing 11/03/00 (00-023)             |

PART

PROCEDURE

87104 Decommissioning Inspection Procedure for Materials Licensees  
06/04/97 (97-007)

87110 Industrial/Academic/Research Programs 04/05/99 (99-005)

87110 AP A Industrial/Academic/Research Inspection Record  
06/18/99 (99-009)

87110 Ap B Industrial/Academic/Research Inspection References  
04/05/99 (99-005)

87111 Materials Processor/Manufacturer Programs 06/11/98 (98-008)

87111 Ap A Materials Processor/Manufacturer Inspection Record  
06/18/99 (99-009)

87111 Ap B Materials Processor/Manufacturer Inspection References  
06/11/98 (98-008)

87112 Irradiator Programs 11/27/01 (01-027)

87112 Ap A Irradiator Inspection Record 11/27/01 (01-027)

87112 Ap B Irradiator Inspection References 11/27/01 (01-027)

87113 Well Logging Programs 06/11/98 (98-008)

87113 Ap A Well Logging Inspection Record 06/18/99 (99-009)

87113 Ap B Well Logging Inspection References 06/18/98

87114 Fixed and Portable Gauge Programs 06/11/98 (98-008)

87114 Ap A Fixed and Portable Gauge Inspection Record 06/18/99 (99-009)

87114 Ap B Fixed and Portable Gauge Inspection References 06/11/98  
(98-008)

87115 Nuclear Medicine Programs 08/28/00 (00-013)

87116 Medical Teletherapy Programs 08/28/00 (00-013)

87117 Radiopharmacy Programs 05/07/98 (98-007)

87117 Ap A Radiopharmacy Inspection Record 06/18/99 (99-009)

87117 Ap B Radiopharmacy Inspection References 05/07/98 (98-007)

87118 Brachytherapy Programs 08/28/00 (00-013)

87119 Medical Broad-Scope Programs 08/28/00 (00-013)

87120 Industrial Radiography Programs 05/03/99 (99-008)

87120 A Industrial Radiography Inspection Record 06/18/99 (99-009)

87120 B Industrial Radiography Inspection References  
05/03/99 (99-008)

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 05/23/84 (84-17)

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)

PART

PROCEDURE

|        |  |
|--------|--|
| 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)  |
| 88103  | Maintenance Observations 12/30/96 (96-026)   |
| 88104  | Decommissioning Inspection Procedure For Fuel Cycle<br>Facilities 06/04/97 (97-007)                      |
| 88105  | Management Organization and Controls 12/30/96 (96-026)   |
| <br>   |  |
| 8900   | <u>Fuel Facility and Materials Special Program</u>   |
| 89001  | In-Situ Leach (ISL) Facilities 09/02/97 (97-013)   |
| <br>   |  |
| 9000   | <u>Reportable Matters and Report Reviews</u>   |
| 90501B | Reportable Matters - Startup Test Program 04/30/75<br>(75-16)  |
| 90712  | Inoffice Review of Written Reports of Nonroutine Events<br>at Power Reactor Facilities 12/31/98 (98-020) |
| 90713  | In Office Review of Periodic and Special Reports<br>09/17/01 (01-017)                                    |
| 90714  | Nonroutine Reporting Program 09/17/01 (01-017)   |
| <br>   |  |
| 9100   | <u>Title 10 Requirements</u>   |
| <br>   |  |
| 9200   | <u>Planned Non-Routine Activities</u>  |
| 92050  | Review of Quality Assurance For Extended Construction<br>Delay 04/04/00 (00-005)                         |
| 92700  | Onsite Followup of Written Reports of Nonroutine Events<br>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<br>03/14/94 (94-005)                        |

PART

PROCEDURE

- 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 OSHA 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 04/03/00 (00-003)
- 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 03/06/01 (01-006)

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)



| <u>PART</u> | <u>PROCEDURE</u> |
|-------------|------------------|
| 9600        | <u>Reserved</u>  |
| 9700        | <u>Reserved</u>  |
| 9800        | <u>Reserved</u>  |

**PART**  
**TECHNICAL GUIDANCE**

9900 Guidance<sup>2</sup>

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 Secton III American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)

ASME Section III & XI American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III & XI 11/12/96 (96-022)

ASME Section IX American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section IX 05/12/86 (86-26)

ASME Section XI American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)

ASME Section XI American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)

IEEE Institute of Electrical and Electronic Engineers IEEE Standard 450-1975 05/12/86 (86-26)

ANSI American National Standards Institute ANSI N18.7-1972 Section 5.1.5 05/12/86 (86-26)

ANSI ANSI N18.7, Section 5.2.7 - Design and Construction Type Activities Conducted During the Operations Phase (Maintenance and Modifications) 04/01/77 (77-05)

ANSI ANSI N45.2.9, Section 5.5 - Records Storage Facility 1/01/82 (81-28)

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<sup>2</sup> [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 5.6 - 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)                 |
| STS Sec 4.8.1.1.2 - 05/12/86 (86-26) |  |

## **PART**

### **TECHNICAL GUIDANCE**

- STS Sec 6.5.1      Onsite Committee Review of Unit Operations to Detect Potential Nuclear Safety Hazards 10/01/80 (80-24)
- STS Sec 6.5.1.1    Licensee Review Responsibility for Matters Related to Nuclear Safety 01/01/82 (81-28)
- STS Sec 6.5.1.6c and Sec 6.5    Licensee Review Responsibility for Proposed Changes to Facility Technical Specifications 01/01/82 (81-28)
- STS Sec 6.5.2.8    Requirements for Off-Site Committee Audit Functions 10/01/78 (78-35)
- STS Sec 6.9.1.7    Reporting Requirements - Reportable Occurrences 04/01/78 (78-11)
- STS                  Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
- STS Interp        Licensee Technical Specification Interpretations 02/03/97 (97-001)

### **Maintenance**

- Voluntary Entry Into Limiting Conditions For Operation Action Statements To Perform Preventive Maintenance 01/17/02 (02-001)
- Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)
- Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)
- Preconditioning of Structures, Systems, and Components (SSCs) Before Determining Operability 09/28/98 (98-014)  
[PRECOND.TG]

### **Mechanical**

- Freeze Plugs 06/14/93 (93-005)
- Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)
- Steam Generator Tube-to-Secondary Leakage 10/11/01 (01-021)  
[SGTUBELKG.TG]

### **Operations**

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

**PART**

**TECHNICAL GUIDANCE**

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<br>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...."<br>10/01/79 (79-23)   |
| 50             | Byproduct Material Produced in Non-Power Reactors<br>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<br>Reactor Containment Leakage Testing for Water-Cooled Power<br>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<br>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<br>Operation, 10/01/80 (80-24)   |
| Part 50, App B | Applicability of Appendix B to Chemicals and Reagents,<br>04/01/77 (77-05)   |
| Part 50, App B | Criterion II - Maintenance of Proficiency for Personnel Performing<br>Activities Affecting Quality 07/01/81 (81-19)                                    |
| Part 50, App B | Criterion VII - Guidance - Use of Certificate of Conformance<br>04/01/80 (80-08)   |
| Part 50, App B | Criterion VII - Guidance - Procurement of Spare and Replacement<br>Parts, 01/01/82 (81-28)   |
| Part 50, App B | Criterion VII - Control of Purchased Materials, Equipment and<br>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