TABLE OF CONTENTS

Table of Contents Current through Change Notice 07-009 Issued 03/09/07

PART CHAPTER

0000 NRC Inspection Manual[1]

- 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 03/05/07 (07-008)

0100 Program Responsibilities

- 0102 Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities 08/22/05 (05-023)
- 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)
- 0303 Item Reporting 11/30/99 (99-019)
- 0305 Operating Reactor Assessment Program 01/25/07 (07-003)
- 0306 Information Technology Support For The Reactor Oversight Process 06/24/03 (03-021)
- 0307 Reactor Oversight Process Self-Assessment Program 11/28/06 (06-034)
- 0307 App B ROP Realignment Process 01/25/07 (07-003)
- 0308 Reactor Oversight Process (ROP) Basis Document 10/16/06 (06-027)
- 0308, Att 1 Technical Basis for Performance Indicators 10/06/04 (04-025)
- 0308, Att 2 Technical Basis for Inspection Program 10/16/06 (06-027)
- 0308, Att 3 Technical Basis for Significance Determination Process 10/16/06 (06-027)

[1]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

0308, Att 3, App A Technical Basis for At Power Significance Determination Process 07/27/04 (04-020)
0308, Att 3, App B Technical Basis for Emergency Preparedness Significance Determination Process 07/28/05 (05-022)
0308, Att 3, App C Technical Basis for Occupational Radiation Safety Significance Determination Process 07/28/05 (05-022)
0308, Att 3, App D Technical Basis for Public Radiation Safety Significance Determination Process 07/27/04 (04-020)
0308, Att 3, App F Technical Basis for Fire Protection Significance Determination Process [IMC 0609, Appendix F] At Power Operations 02/28/05 (05-007)
0308, Att 3, App G Technical Basis for Shutdown Operations Significance Determination Process 02/28/05 (05-007)
0308, Att 3, App H Technical Basis for Containment Integrity Significance Determination Process 05/06/04 (04-010)
0308, Att 3, App I Technical Basis for Operator Requalification Human Performance Significance Determination Process 07/28/05 (05-022)
0308, Att 3, App J Technical Basis for Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
0308, Att 3, App K Technical Basis for Maintenance Risk Assessment and Risk Management SDP 05/19/05 (05-014)
0308, Att 4 Technical Basis for Assessment 07/28/05 (05-022)
0308, Att 5 Technical Basis for Enforcement 10/16/06 (06-027)
0309 Reactive Inspection Decision Basis For Reactors 1/05/03 (03-036)
0312 Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023)
0313 Industry Trends Program 10/16/06 (06-027)
0320 Operating Reactor Security Oversight Process 08/22/05 (05-023)
0330 Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)
0350 Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 12/15/06 (06-035)

0400 Enforcement Policy

0500 Tracking Systems

0600 Documentation of Program Findings

0608 Performance Indicator Program 02/27/07 (07-007)
0609 Significance Determination Process 11/22/05 (05-030)
0609.01 Significance and Enforcement Review Panel Process 11/02/06 (06-033)
0609.02 Process For Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 11/22/05 (05-030)
0609.03 Senior Reactor Analyst Support Expectations 07/26/06 (06-018)
0609 App A Determining the Significance of Reactor Inspection Findings for At-

PART

CHAPTER

Power Situations 11/22/05 (05-030)
0609 App B Emergency Preparedness Significance Determination Process 03/06/03 (03-007)
0609 App C Occupational Radiation Safety Significance Determination Process 12/16/03 (03-041)
0609 App D Public Radiation Safety Significance Determination Process 10/16/06 (06-027)
0609 App E Baseline Physical Protection Significance Determination Process 07/21/05 (05-020)
0609 App E Part I Baseline Physical Protection Significance Determination Process 09/25/06 (06-025)
0609 App E Part II Force-on-Force Physical Protection Significance Determination Process 07/21/05 (05-020)
0609 App F Fire Protection Significance Determination Process 02/28/05 (05-007)
0609, App F, Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 02/28/05 (05-007)
0609, App F, Att 2 Degradation Rating Guidance Specific to Various Fire Protection Program Elements 02/28/05 (05-007)
0609, App F, Att 3 Guidance for Identifying Fire Growth and Damage Scenarios 02/28/05 (05-007)
0609, App F, Att 4 Fire Ignition Source Mapping Information: Fire Frequency, Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves 02/28/05 (05-007)
0609, App F, Att 5 Characterizing Non-Simple Fire Ignition Sources 02/28/05 (05-007)
0609, App F, Att 6 Guidance for the Identification of Targets and Their Ignition and Damage Criteria 02/28/05 (05-007)
0609, App F, Att 7 Guidance for Fire Growth and Damage Time Analysis 02/28/05 (05-007)
0609, App F, Att 8 Guidance for Fire Non-Suppression Probability Analysis 02/28/05 (05-007)
0609 App G Shutdown Operations Significance Determination Process 02/28/05 (05-007)
0609, App G, Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/25/04 (04-015)
0609, App G, Att 2 Phase 2 Significance Determination Process Template for PWR During Shutdown 02/28/05 (05-007)
0609, App G, Att 3 Phase 2 Significance Determination Process Template for BWR During Shutdown 02/28/05 (05-007)
0609 App H Containment Integrity Significance Determination Process 05/06/04 (04-010)
0609 App I Operator Requalification Human Performance Significance Determination Process [SDP] 08/22/05 (05-023)
0609 App J Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
0609 App K Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)
0609 App M Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036)
0610 Inspection Reports 05/18/04 (04-014)

PART

CHAPTER

0610/001 Guidance for Certain Fuel Cycle Inspection Reports to Pilot Use of NRC Form 591 12/06/05 (05-033)
0612 Power Reactor Inspection Reports 11/02/06 (06-033)
0612, Exh 1 Standard Reactor Inspection Report Outline 09/30/05 (05-028)
0612, Exh 2 Inspection Report Documentation Matrix 09/30/05 (05-028)
0612, Exh 3 Sample Reactor Inspection Report 09/30/05 (05-028)
0612, Exh 4 Sample Cover Letters 06/29/06 (06-016)
0612, App A List of Acronyms Used in IMC 0612 09/30/05 (05-028)
0612, App B Issue Screening 11/02/06 (06-033)
0612, App C Documentation Guidance For Supplemental Inspections 06/20/03 (03-021)
0612, App D Guidance for Documenting Inspection Procedure 71152, "Identification and Resolution of Problems" 06/22/06 (06-015)
0612, App E Examples of Minor Issues 06/22/06 (06-015)
0612, App F Examples of Cross-cutting Aspects 06/22/06 (06-015)
0615 Research and Test Reactor Inspection Reports 06/23/04 (04-018)
0620 Inspection Documents and Records 01/27/06 (06-002)
0630 Analysis of the Impact of Noncompliance with Physical Security Requirements 10/01/82 (82-09)

0700 Communications With Licensees

0730 Generic Communications Regarding Materials and Fuel Cycle Issues 10/22/02 (02-040)

0800 Feedback - Improving the Regulatory Process

0801 Reactor Oversight Process Feedback Program 10/19/06 (06-028)

0900 Reporting of Events/Incidents

0970 Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)

1000 Regional Office Program Interfaces

1007 Interfacing Activities Between Regional Offices of NRC and OSHA 02/11/04 (04-006)

1100 Notifications of Meetings and Conferences

1120 Preliminary Notifications 06/22/06 (06-014)

1200 Inspector Requirements

1201 Conduct of Employees 06/29/99 (99-010)

PART

CHAPTER

1202 Senior Resident Inspector Site Turnover 08/22/05 (05-023)
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)
1240 Unescorted Access At Power Reactors 12/01/04 (04-027)
1245 Qualification Program For the Office of Nuclear Reactor Regulation Programs 10/31/06 (06-032)
1245 Att 1 General Overview of the Inspector Training and Qualification Program 10/31/06 (06-032)
1245 Att 2 Inspector Competencies 10/31/06 (06-032)
1245 Att 3 General Orientation Topics 10/31/06 (06-032)
1245 App A Basic-level Training and Certification Journal 10/31/06 (06-032)
1245 App B General Proficiency-Level Training and Qualification Journal 10/31/06 (06-032)
1245 App C1 Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 10/31/06 (06-032)
1245 App C2 Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 10/31/06 (06-032)
1245 App C3 Health Physics Inspector Technical Proficiency Training and Qualification Journal 10/16/06 (06-027)
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 10/31/06 (06-032)
1245 App C6 Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 08/24/04 (04-022)
1245 C8 Vender Inspector Technical Proficiency Qualification Journal 05-28/03 (03-017)
1245 C9 Construction Inspector Technical Proficiency Qualification Journal 05/01/03 (03-014)
1245 App C10 Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/31/06 (06-032)
1245 D1 Senior Reactor Analyst Training and Qualification Program 10/31/06 (06-032)
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 04/21/06 (04-009)
Sec. IV Fuel Cycle Safeguards Inspector Physical Security

PART

CHAPTER

	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 Spent Fuel Project Office Qualification Journal 05/25/06 (06-013)
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)
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 05/09/06 (05-011)
Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Training Requirements for Sealed Source and Device Reviewers 02/11/04 (04-006)
1246 APP B	NRC Inspector, License Reviewer and Project Manager/Technical Reviewer Training and Qualification Journal 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector - Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material Control and Accounting (MC&A) 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage 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 05/09/06 (05-011)
Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Technical Reviewer Qualification Journal Byproduct Material Sealed Source and Device Reviewers 02/11/04 (04-006)
1252	Construction Inspector Training and Qualification Program 02/06/07 (07-005)
1252 App A	Construction Inspector Basic-Level Training and Certification Journal 02/06/07 (07-005)

PART

CHAPTER

1252 App B Construction Inspector General Proficiency-Level Training and Qualification Journal 02/06/07 (07-005)
1252 App C Construction Inspector Technical Proficiency-Level Training and Qualification Journal 02/06/07 (07-005)

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 07/14/05 (05-019)
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 10/06/04 (04-025)
1360 Use of Physician and Scientific Consultants in the Medical Consultant Program 11/02/06 (06-033)

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 07/07/05 (05-018)

1700 Reserved

1800 Reserved

1900 Reserved

2000 Reserved

2100 Reserved

2200 Nuclear Security and Incident Response

PART

CHAPTER

2201	Security and Safeguards Inspection Program For Commercial Power Reactors 02/19/04 (04-007)
2201 App A	Security and Safeguards Baseline Inspection Program 02/19/04 (04-007)
2201 App B	Supplemental Inspection Program 02/19/04 (04-007)
2201 App C	Generic, Special, and Infrequent Inspections 02/19/04 (04-007)
2201 App D	Facility Status Reviews 02/19/04 (04-007)
2201/001	Inspection of Additional Security Measures for Radioactive Material Quantities of Concern 09/18/06 (06-024)
2201/001 App B	Inspection Requirements and Guidance for Handling and Protection of Safeguards Information - Modified Handling 09/18/06 (06-024)
2201/001 App C	Radioactive Material Quantities of Concern Security Inspection Record 09/18/06 (06-024)

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

2500/020	Inspection to Determine Compliance with ATWS Rule 10 CFR 50.62 08/06/03 (03-028)
2501	Construction Inspection Program: Early Site Permit (ESP) 04/25/06 (06-010)
2502	Construction Inspection Program: Pre-Combined License (Pre-COL) Phase 06/22/05 (05-016)
2503	Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 04/25/06 (06-010)
2504	Construction Inspection Program - Non-ITAAC Inspections 04/25/06 (06-010)
2505	Reserved
2509	Browns Ferry Unit 1 Restart Project Inspection Program 09/08/03 (03-032)
TI 2509/001	Unit 1 followup Inspection Related to License Renewal Application for the Browns Ferry Nuclear Plant, Units 1, 2, and 3 07/25/06 (CN 06-017)
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)

PART

CHAPTER

2515	Light Water Inspection Program - Operations Phase 01/26/07 (07-004)
2515 App A	Risk-Informed Baseline Inspection Program 01/26/07 (07-004)
2515 App B	Supplemental Inspection Program 01/26/07 (07-004)
2515 App C	Special and Infrequently Performed Inspections 07/07/05 (05-018)
2515 App D	Plant Status 01/26/07 (07-004)
2515 App E	Inspection Program Modifications During a Pandemic 01/26/07 (07-004)
2515/111	Electrical Distribution System Followup Inspection 08/06/03 (03-028)
2515/142	Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030) (Note this TI contains safeguards material)
2515/148 Rev. 2	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures 03/19/03 (03-009)
2515/149	Mitigating systems Performance Index Pilot Verification 09/24/02 (02-034)
2515/150 Rev. 3	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Order EA-03-009) 02/18/05 (05-006)
2515/151	Expanded Pilot Force-on-Force Exercise Evaluation 02/06/03 (03-002)
2515/152 Rev. 1	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02) 11/05/03 (03-036)
2515/153 Rev. 1	Reactor Containment Sump Blockage (NRC Bulletin 2003-01) 02/18/05 (05-006)
2515/154 Rev. 2	Material Control and Accounting at Nuclear Power Plants and Wet Storage Sites 01/12/07 (07-002) Note: TI withheld from public disclosure since it contains official use only - security-related information.
2515/155	Mark I and Mark II Containment Vulnerabilities 12/12/03 (03-040) Note: TI withheld from public disclosure since it contains sensitive security information.
2515/156	Offsite Power System Operational Readiness 04/29/04 (04-009)
2515/157	Mark I and Mark II Containment Operations 05/06/04 (04-012) Note: TI withheld from public disclosure since it contains sensitive security information
2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions 06/14/04 (04-017)
2515/159	Review of Generic Letter 89-13: Service Water System Problems Affecting Safety-Related Equipment 07/29/04 (04-021)
2515/160	Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01) 10/06/04 (04-025)
2515/161	Transportation of Reactor Control Rod Drives in Type A Packages 03/30/05 (05-009)
2515/162	SAFEGUARDS INFORMATION 04/13/05 (05-010)
2515/163	Operational Readiness of Offsite Power 05/02/05 (05-011)
2515/164	Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002,Order [SAFEGUARDS INFORMATION] 06/28/05 (05-017)

PART

CHAPTER

2515/165 Operational Readiness of Offsite Power and Impact on Plant Risk 03/03/06 (06-005)
2515/166 Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02] 03/16/06 (06-007)
2515/167 Assurance of Industry Implementation of Key Shutdown Voluntary Initiatives 04/21/06 (06-009)
2515/168 Closeout Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002, Orders. [SAFEGUARDS INFORMATION] 05/19/06 (06-012)
2515/169 Mitigating Systems Performance Index Verification 07/25/06 (CN 06-017)
2516 Policy and Guidance For The License Renewal Inspection Programs 02/18/05 (05-006)
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 06/23/04 (04-018)
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 05/09/06 (05-011)
2600/003 Operational Safety Review 07/29/04 (04-021)
2600/006 Resident Inspector Program for Category I Fuel Cycle Facilities 07/29/04 (04-021)
2600/008 Inspection Guidance and Requirements for Interim Compensatory Measures (ICMs) at the Honeywell Conversion Plant, Metropolis, Illinois 07/11/02 (02-028)
2600/009 Inspection of Interim Compensatory Measures (ICMs) At Gaseous Diffusion Plants (GDP) 06/05/03 (03-019)
2600/011 Verification of Disposition of Potentially Defective 1-Inch Hunt Valves for Uranium Hexafluoride Cylinders 01/05/05 (05-001)
2600/012 Institutionalizing Concern Regarding Safety Issues Identified in Selected Past Generic Communications 9/28/05 (05-027)
2600/013 Safety of Uranium Hexafluoride Cylinders at Fuel Cycle Facilities 04/21/06 (06-009)
2601 Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)
2602 Decommissioning Oversight and Inspection Program For Fuel Cycle Facilities and Materials Licensees 08/22/05 (05-023)
2603 Inspection of the Nuclear Chemical Process Safety Program at Fuel Cycle Facilities 01/16/96 (96-001)
2604 Licensee Performance Review 06/28/02 (02-024)
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

PART

CHAPTER

Control Act) 10/05/01 (01-020)
2630 Mixed Oxide Fuel Fabrication Facility Construction Inspection Program 05/18/05 (05-0013)
2641 In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2681 Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 09/26/96 (96-020)
2681/007 Inspection of Safeguards Interim Compensatory Measures at Nuclear Fuel Facilities Possessing Strategic Special Nuclear Material (SNMM) 08/08/03 (03-029)
2681/008 Inspection of safeguards Compensated Measures for Category III Fuel Cycle Facilities 09/18/06 (06-023)
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 07/14/05 (05-019)
2696 Louisiana Energy Services Gas Centrifuge Facility Construction and Pre-Operational Readiness Review Inspection Programs 10/19/06 (06-028)

2700 Licensee Contractor and Vendor Inspection Program

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

2800 Materials Inspection Program

2800 Materials Inspection Program 09/28/05 (05-027)
2800/030 Verification of the Status of Devices Authorized For Use Under a General License 05/30/00 (00-011)
2800/032 Followup - Materials Safeguard Advisory 10/31/01 (01-023)
2800/034 Inspection of Panoramic and Underwater Irradiators Additional Security Measures 02/12/04 (04-005)
2800/035 Verification of Licensee Responses to NRC Bulletin 2003-04 Regarding Inventories of Source and Special Nuclear Materials Tracked in the Nuclear Materials Management and Safeguards System 07/29/04 (04-021)
2800/036 Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024)
2800/037 Safety Procedures For Panoramic Irradiators 07/14/05 (05-019) Rev. 1
2800/038 Inspection of the Implementation of Increased Controls for Licensees Authorized to Possess Risk Significant Radioactive Material 03/30/06 (06-008)
2800/039 Information Collection: Release of Individuals Containing Unsealed Byproduct Material or Implants Containing Byproduct Material 10/13/06 (06-026)
2801 Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810 Master Materials License Inspection Program 09/15/03 (03-034)
2815 Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2882 Transfer of NRC License Files to Agreement State(s)

PART

PROCEDURE

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

35002 Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018)
35004 Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35005 Pre-Docketing Combined License Quality Assurance Controls Inspection 06/22/05 (05-016)
35006 Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35012 Early Site Permit Quality Assurance Controls Assessment and Conclusion 05/29/03 (03-018)
35017 Post-Docketing Development of the Quality Assurance (QA) Program for Design and Procurement Activities 06/22/05 (05-016)
35020 Inspection of Applicant's Surveillance of Contractor Quality Assurance (QA) Activities 06/22/05 (05-016)
35021 Post-Docketing Implementation of Quality Assurance (QA) Activities Related to Design, Procurement and Construction 06/22/05 (05-016)
35029 Pre-Combined License (COL) Quality Assurance (QA) Inspection of Site Limited Work Authorization (LWA) 1 & 2 Activities 06/22/05 (05-016)
35100 Review of the QA Manual 06/22/05 (05-016)
35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028)
35501 QA for the Startup Test Program 01/20/84 (84-04)
35701 Quality Assurance Program Review 09/17/01 (01-017)

PART

PROCEDURE

3600 Organization and Administration

36100 Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 06/22/05 (05-016)
36800 Organization 09/17/01 (01-017)
36801 Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

3700 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)
37802 First-of-a-Kind Engineering Inspections 06/22/05 (05-016)
37803 Reserved

3800 Procurement

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

3900 Records

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

4000 Review and Audit

40001 Resolution of Employee Concerns 06/03/97 (97-006)
40002 Inspections to Review Allegations 06/28/02 (02-024)
40500 Effectiveness of Licensee Process to Identify, Resolve, and Prevent Problems 05/03/99 (99-008)
40801 Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)

4100 Training

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

4200 Procedures

42001 Emergency Operating Procedures 06/28/91 (91-009)
42700 Plant Procedures 11/15/95 (95-015)

PART

PROCEDURE

4300 Vendor Procedures

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

4400 Reserved

4500 Geotechnical/Foundation

45051 Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)

4600 Structural Concrete

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

4900 Piping

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)
50003 Pressurizer Replacement Inspection 07/07/05 (05-018)
50090 Pipe Support and Restraint Systems 08/06/03 (03-028)
50100 Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

5100 Electrical Components and Systems

51053 Electrical Components and systems - Work Observation 08/06/03 (03-028)
51055 Electrical Components and Systems - Record Review 08/06/03 (03-028)
51061 Electrical Cable - Procedure Review 08/06/03 (03-028)

5200 Instrumentation Systems and Components

PART

PROCEDURE

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)

5600 Calibration

56700 Calibration 03/23/05 (05-008)

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)
60801 Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
60851 Design Control of ISFSI Components 08/08/03 (03-030)
60852 ISFSI Component Fabrication By Outside Fabricators 08/08/03 (03-030)
60853 On-Site Fabrication of Components and Construction of an ISFSI 02/11/04 (04-006)
60854 Preoperational Testing of an ISFSI 03/28/02 (02-012)
60854.1 Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022)

PART

PROCEDURE

60855 Operation of an ISFSI 03/28/02 (02-012)
60855.1 Operation of an Independent Spent Fuel Storage Installation at Operating Plants 09/05/06 (06-022)
60856 Review of 10 CFR 72.212(b) Evaluations 04/02/03 (03-008)
60856.1 Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003)
60857 Review of 10 CFR 72.48 Evaluations 01/26/05 (05-002)

6100 Surveillance

61705 Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)
61706 Core Thermal Power Evaluation 07/14/86 (86-36)
61707 Determination of Reactor Shutdown Margin 10/11/85 (85-31)
61708 Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31)
61709 Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36)
61710 Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
61715 Verification of Containment Integrity 12/23/86 (86-60)
61720 Containment Local Leak Rate Testing 10/03/85 (85-30)
61726 Surveillance Observations 06/24/98 (98-010)
61728 Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)

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)

PART

PROCEDURE

6500 10 CFR Part 52 ITAAC Inspections

65001 Reserved

6600 Reserved

6700 Reserved

6800 Reserved

6900 Non-Power Reactor Inspection

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

7000 Preoperational Testing

70304 Engineered Safety Features Test - Preoperational Test Procedure Review 08/06/03 (03-028)
70307 Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)
70313 Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323 Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70370 Testing Piping Support and Restraint Systems 03/07/86 (86-13)
70701 Reserved
70702 Reserved

7100 Operations (License & TS Requirements)

71001 Licensed Operator Requalification Program Evaluation

PART

PROCEDURE

07/23/98 (98-011)
71002 License Renewal Inspection 02/18/05 (05-006)
71003 Post-Approval Site Inspection for License Renewal 02/18/05 (05-006)
71004 Power Uprate 05/09/06 (05-011)
71005 Inspector Review of Licensing-Related Information 08/05/03 (03-027)
71007 Reactor Vessel Head Replacement Inspection 10/19/06 (06-028)
71111 Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 05/06/03 (03-015)
71111.DS Safety System Design and Performance Capability 05/06/03 (03-015)
71111.EP Equipment Availability, and Functional Capability 05/06/03 (03-015)
71111.HS Heat Sink Performance 05/06/03 (03-015)
71111.ST Post-Maintenance and Surveillance Testing 05/06/03 (03-015)
71111.01 Adverse Weather Protection 04/13/04 (04-008)
71111.02 Evaluation of changes, Tests, or Experiments 05/09/06 (05-011)
71111.04 Equipment Alignment 02/27/07 (07-007)
71111.05AQ Fire Protection (Annual / Quarterly) 09/05/06 (06-022)
71111.05T Fire Protection (Triennial) 04/21/06 (06-009)
71111.05TTP Fire Protection-NFPA 805 Transition Period [Triennial] 05/09/06 (05-011)
71111.06 Flood Protection Measures 01/25/07 (07-003)
71111.07 Heat Sink Performance 05/25/06 (06-013)
71111.08 Inservice Inspection Activities 05/11/04 (04-013)
71111.11 Licensed Operator Requalification Program 1/05/06 (06-001)
71111.12 Maintenance Effectiveness 03/13/06 (06-006)
71111.13 Maintenance Risk Assessments and Emergent Work Evaluation 01/17/02 (02-001)
71111.15 Operability Evaluations 07/26/06 (06-018)
71111.17 Permanent Plant modifications 07/07/05 (05-018)
71111.19 Post Maintenance Testing 01/17/02 (02-001)
71111.20 Refueling and Other Outage Activities 09/02/05 (05-024)
71111.21 Component Design Bases Inspection 06/22/06 (06-014)
71111.22 Surveillance Testing 02/27/07 (07-007)
71111.23 Temporary Plant Modifications 1/05/06 (06-001)
71114 Reactor Safety-Emergency Preparedness 06/29/06 (06-016)
71114.01 Exercise Evaluation 06/29/06 (06-016)
71114.02 Alert and Notification System Testing 06/29/06 (06-016)
71114.03 Emergency Response Organization Augmentation Testing 10/25/06 (06-029)
71114.04 Emergency Action Level and Emergency Plan Changes 10/25/06 (06-029)
71114.05 Correction of emergency Preparedness Weaknesses and Deficiencies 10/25/06 (06-029)
71114.06 Drill Evaluation 10/25/06 (06-029)
71114.07 Force-On-Force (FOF) Exercise Evaluation 10/25/06 (06-029)
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

PART

PROCEDURE

Monitoring Systems 05/25/06 (06-013)
71122.02 Radioactive Material Processing and Transportation 01/24/03 (03-001)
71122.03 Radiological Environmental Monitoring Program (REMP) 01/24/03 (03-001)
71130 Physical Protection 02/19/04 (04-007)
71130.01 Access Authorization 07/28/05 (05-021)
71130.02 Access Control 02/16/04 (04-007)
71130.03 Contingency Response - Force-On-Force Testing 12/30/05 (05-035)
71130.04 Equipment Performance, Testing Maintenance 02/19/04 (04-007)
71130.05 Protective Strategy Evaluation 02/19/04 (04-007)
71130.06 Inspection of Security Plan Changes 02/19/04 (04-007)
71130.07 Security Training 02/19/04 (04-007)
71130.08 Fitness For Duty Training 02/19/04 (04-007)
71130.09 Owner-Controlled Area Controls 02/19/04 (04-007)
71150 Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)
71151 Performance Indicator Verification 01/04/07 (07-001)
71152 Identification and Resolution of Problems 06/22/06 (06-015)
71153 Followup of Events and Notices of Enforcement Discretion 07/26/06 (06-018)
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)
72303 Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
72304 Startup Testing for AP 1000: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
72400B Overall Startup Test Program 07/01/80 (80-16)
72500B Initial Fuel Loading Procedure 04/30/75 (75-16)
72502B Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)
72504B Heatup Phase Procedure Review 04/30/75 (75-16)
72508B Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)
72509B Power Ascension Procedure Review: Control Rod Drive System 07/01/80 (80-16)
72510B Power Ascension Procedure Review - Relief Valves and MSIVs 04/30/75 (75-16)
72512B Startup Test Procedure Review - RCIC or Recirculation Pump Trip 04/30/75 (75-16)

PART

PROCEDURE

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)

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)

PART

PROCEDURE

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

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

8100 Physical Security

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

PART

PROCEDURE

81088 Communications 05/09/84 (84-15)
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)
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)

PART

PROCEDURE

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

8300 Radiation Protection

83100 Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
83501 Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
83502.01 Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006)
83502.02 Radioactive Material Process and Transportation 04/17/00 (00-006)
83502.03 Radiological 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 12/16/03 (03-041)
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)
83750 Occupational Radiation Exposure 06/06/02 (02-023)

PART

PROCEDURE

83801 Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 09/05/06 (06-020)
83822 Radiation Protection 09/07/00 (00-016)
83890 Closeout Inspection and Survey 05/01/03 (03-013)

8400 Radioactive Waste Management

84100 Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)
84101 Radioactive Waste Management 12/30/91 (91-022)
84521 Radwaste - Startup 01/01/84 (84-01)
84750 Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006)
84850 Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 06/06/02 (02-023)
84900 Low-Level Radioactive Waste Storage 10/20/00 (00-022)

8500 Material Control and Accountability

85102 Material Control and Accounting - Reactors 03/29/85 (85-10)
85200 MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15)
85203 Facility Organization and Management Controls 01/17/86 (86-04)
85205 Facility Operations and Internal Controls 04/10/85 (85-15)
85207 Measurement Systems 01/17/86 (86-04)
85209 Measurement Control and Statistics 04/10/85 (85-15)
85211 Physical Inventory 01/17/86 (86-04)
85215 Records and Reports 01/17/86 (86-04)
85301 MC&A for Imports and Exports 07/18/84 (84-22)
85303 MC&A Management Structure and Personnel Training and Qualification 03/18/91 (91-005)
85305 Item Monitoring 03/18/91 (91-005)
85307 Process Monitoring 03/18/91 (91-005)
85309 Measurement Systems and Control 03/18/91 (91-005)
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)

PART

PROCEDURE

85501 Inventory Program 07/22/99 (99-011)
85502 Detection Program 07/22/99 (99-011)
85503 Resolution Program 07/22/99 (99-011)

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001 Design, Fabrication, Testing, and Maintenance of Transportation Packagings 02/07/02 (02-004)
86700 Spent Fuel Pool Activities 09/17/01 (01-017)

86730 Transportation of Radioactive Materials (49 CFR Parts 100-179 and 10 CFR Part 71) 04/17/00 (00-006)
86740 Inspection of Transportation Activities 04/24/02 (02-020)
86750 Solid Radioactive Waste Management and Transportation of Radioactive Materials 03/15/94 (94-006)

8700 Materials Safety Inspection

87102 Maintaining Effluents From Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
87103 Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023)
87104 Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029)
87121 Industrial Radiography Programs 08/22/05 (05-023)
87122 Irradiator Programs 12/31/02 (02-047)
87123 Well Logging Programs 11/25/03 (03-037)
87124 Fixed and Portable Gauge Programs 11/25/03 (03-037)
87125 Materials Processor/Manufacturer Programs 09/28/05 (05-027)
87126 Industrial/Academic/Research Programs 09/28/05 (05-027)
87127 Radiopharmacy Programs 12/31/02 (02-047)
87129 Master Materials Program 09/15/03 (03-034)
87130 Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041)
87131 Nuclear Medicine Programs, Written Directive Required 10/24/02 (02-041)
87132 Brachytherapy Programs 12/06/05 (05-033)
87133 Medical Gamma Sterotactic Radiosurgery and Teletherapy Programs 10/24/02 (02-041)
87134 Medical Broad-Scope Programs 09/28/05 (05-027)
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)

PART

PROCEDURE

88005 Management Organization and Controls 09/05/06 (06-020)
88010 Operator Training/Retraining 09/05/06 (06-020)
88015 Nuclear Criticality Safety Program 09/05/06 (06-020)
88016 Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019)
88017 Criticality Alarm Systems 07/28/06 (06-019)
88020 Operational Safety 09/05/06 (06-020)
88025 Maintenance and Surveillance Testing 09/25/06 (06-025)
88030 Radiation Protection 07/28/06 (06-019)
88035 Radioactive Waste Management 09/25/06 (06-025)
88045 Effluent Control and Environmental Protection 09/05/06 (06-020)
88050 Emergency Preparedness 09/05/06 (06-020)
88051 Evaluation of Exercises and Drills 07/28/06 (06-019)
88055 Fire Protection 09/05/06 (06-020)
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)
88070 Permanent Plant modification 09/05/06 (06-020)
88071 Configuration Management Programmatic Review 07/28/06 (06-019)
88075 Event Followup 07/28/06 (06-019)
88100 Plant Operations 12/30/96 (96-026)
88101 Configuration Control 12/30/96 (96-026)
88102 Surveillance Observations 12/30/96 (96-026)
88103 Maintenance Observations 12/30/96 (96-026)
88104 Decommissioning Inspection Procedure For Fuel Cycle Facilities 07/03/02 (02-026)
88105 Management Organization and Controls 12/30/96 (96-026)
88106 Quality Assurance: Program Development and Implementation (Pre-licensing and Construction) 02/07/07 (07-006)
88107 Quality Assurance: Design and Documentation Control (Pre-licensing and Construction) 05/18/05 (05-013)
88108 Quality Assurance: Control of Materials, Equipment, and Services (Pre-licensing and Construction) 02/07/07 (07-006)
88110 Quality Assurance: Problem Identification, Resolution and Corrective Action 05/18/05 (05-013)
88111 10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)
88113 Control of the Electronic Management of Data 02/07/07 (07-006)
88114 Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade Item Dedication Process [Reactive] 10/25/06 (06-030)
88115 Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030)
88116 Inspection of Safety Function Interfaces for the Mixed Oxide Fuel Fabrication Facility (Pre-licensing and Construction) 02/07/07 (07-006)

PART

PROCEDURE

88130 Resident Inspection Program for On-Site Construction Activities at the Mixed Oxide Fuel Fabrication Facility 10/25/06 (06-030)
88131 Geotechnical/Foundation Activities 10/25/06 (06-030)
88132 Structural Concrete Activities 10/25/06 (06-030)
88134 Quality Assurance: Piping Relied on for Safety) 05/18/05 (05-013)
88135 Resident Inspection Program for Category I Fuel Cycle Facilities 0925/06 (06-025)

8900 Fuel Facility and Materials Special Program

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

9000 Reportable Matters and Report Reviews

90501B Reportable Matters - Startup Test Program 04/30/75 (75-16)
90700 Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)
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 03/30/05 (05-009)
92709 Licensee Strike Contingency Plans 03/30/05 (05-009)
92711 Continued Implementation of Strike Plans During an Extended Strike 03/30/05 (05-009)

92712 Resumption of Normal 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

PART

TECHNICAL GUIDANCE

93001 OHSA Interface Activities 02/11/04 (04-006)
93702 Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
93800 Augmented Inspection Team 06/22/06 (06-015)
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 06/22/06 (06-015)

9400 Technical Activities of an Administrative Nature

9500 Strategic Determination Actions

95001 Inspection for One or Two White Inputs in a Strategic Performance Area 10/16/06 (06-027)
95002 Inspection for One Degraded Cornerstone or Any three White Inputs in a Strategic Performance Area 10/16/06 (06-027)
95003 Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or One Red Input 10/26/06 (06-031)

9600 Materials Safety and Security

96001 Contingency Response – Annual Force-On-Force Testing Category 1 Fuel Cycle Facilities 02/14/06 (CN 06-003)

9700 Reserved

9800 Reserved

9900 Guidance[2]

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

PART

TECHNICAL GUIDANCE

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

Technical Guidance

ASME Secton III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section 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)
Oper Det Process	Operability Determinations & Functionality Assessments For Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 09/26/05 (05-026)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
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 4.8.1.1.2	Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)
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)

PART

10 CFR GUIDANCE

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

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

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

Mechanical

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

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

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

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

Operations

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

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

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)

10CFR71 and 49CFR171-178	Transportation of Radioactive Material 12/01/04 (04-027)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.59	10 CFR 50.59, Changes, Tests, and Experiments 03/13/01 (01-008) [50_59.CFR]
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50, App B	Criterion VII - Control of Purchased Materials, Equipment and Services 06/02/71 (71-16)
Part 50	Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)
70.51	Material Balance, Inventory, and Records Requirements

PART

10 CFR GUIDANCE

12/19/74 (74-11)

70.52 Report of Accidental Criticality or Loss of Special Nuclear Material 11/15/74 (74-010)

Interpretations

END