NRC INSPECTION MANUAL

DIRS

TABLE OF CONTENTS

Table of Contents Current through Change Notice 08-020 issued 07/25/08

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 06/20/07 (07-020)

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 11/27/07 (07-036)
0306 Information Technology Support for the Reactor Oversight Process 04/04/07 (07-012)

[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.

0307 Reactor Oversight Process Self-Assessment Program 01/10/08 (08-002)
0307 App A Reactor Oversight Process Self-Assessment Metrics 01/10/08 (08-002)
0307 App B ROP Realignment Process 01/25/07 (07-003)
0308 Reactor Oversight Process (ROP) Basis Document 11/08/07 (07-035)
0308, Att 1 Technical Basis for Performance Indicators 11/08/07 (07-035)
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)
0308, Att 3, App A Technical Basis for At Power Significance Determination 11/08/07 (07-035)
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 01/10/08 (08-002)
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 05/29/08 (08-016)
0320 Operating Reactor Security Assessment Program 07/01/08 (08-018)
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)

PART
CHAPTER

0400 Enforcement Policy

0500 Tracking Systems

0600 Documentation of Program Findings

0608 Performance Indicator Program 02/27/07 (07-007)
0609 Significance Determination Process 01/10/08 (08-002)
0609.01 Significance and Enforcement Review Panel Process 01/10/08 (08-002)
0609.02 Process for Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 01/31/08 (08-004)
0609.03 Senior Reactor Analyst Support Expectations 07/26/06 (06-018)
0609.04 Phase 1 - Initial Screening and Characterization of Findings 01/10/08 (08-002)
0609 App A Determining the Significance of Reactor Inspection Findings for At-Power Situations 01/10/08 (08-002)
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 02/12/08 (08-007)
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)
0612 Power Reactor Inspection Reports 09/20/07 (07-029)
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 09/20/07 (07-029)
0612, App A List of Acronyms Used in IMC 0612 09/30/05 (05-028)
0612, App B Issue Screening 09/20/07 (07-029)
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 09/20/07 (07-029)
0612, App F Examples of Cross-cutting Aspects 06/22/06 (06-015)
0613 Reserved for 10 CFR Part 52 Licensed Power Reactor Construction and Test Inspection Reports
0614 Documenting 10 CFR 52 Construction Audit Activities 10/03/07 (07-030)
0615 Research and Test Reactor Inspection Reports 06/23/04 (04-018)
0616 Reserved for Fuel Cycle Safety and Safeguards Inspection Reports
0617 Reserved for Vendor Inspection Reports
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)

PART
CHAPTER

0700 Communications With Licensees

0730 Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)

0800 Feedback - Improving the Regulatory Process

0801 Reactor Oversight Process Feedback Program 07/01/08 (08-019)
0802 Reserved for the Part 52 Program

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)
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 01/10/08 (08-001)
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 01/10/08 (08-001)
1245 App B	General Proficiency-Level Training and Qualification Journal 01/10/08 (08-001)
1245 App C1	Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 01/10/08 (08-001)
1245 App C2	Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 01/10/08 (08-001)
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	Vendor Inspector Technical Proficiency Qualification Journal 01/10/08 (08-001)
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 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)

PART

CHAPTER

Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer 01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 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)
1247	Reserved for Qualification Program for the Inspectors of Fuel Facilities in the Nuclear Material Safety and Safeguards Program Area
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)
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)

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 07/14/05 (05-019)
1303 Requesting Emergency Acceptance of Radioactive Material by the U.S. Department of Energy 11/29/07 (07-037)
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

2201 Security and Safeguards Inspection Program for Commercial Power Reactors 02/19/04 (04-007)

PART

CHAPTER

2201/002 Inspection of Transition of Contract Security to Proprietary Security Force 02/12/08 (08-007)
2201 App A Security and Safeguards Baseline Inspection Program 01/10/08 (08-001)
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 Reserved for Yucca Mountain Inspection Program

2400 Low Level Waste Program

2401 Near-Surface Low-Level Radioactive Waste Disposal Facility Inspection Program 11/27/01 (01-028)
2410 Conduct of Observation Audits 07/12/00 (00-012)

2500 Reactor Inspection Program

2501 Construction Inspection Program: Early Site Permit (ESP) 10/03/07 (07-030)
2502 Construction Inspection Program: Pre-Combined License (Pre-COL) Phase 10/03/07 (07-030)
2503 Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 10/03/07 (07-030)
2504 Construction Inspection Program - Non-ITAAC Inspections 10/03/07 (07-030)
2505 Reserved
2507 Construction Inspection Program: Vendor Inspections 10/03/07 (07-030)
2508 Construction Inspection Program: Design Certification 10/03/07 (07-030)
2509 Browns Ferry Unit 1 Restart Project Inspection Program 09/08/03 (03-032)
2512 Light Water Reactor Inspection Program - Construction Phase 12/17/86 (reactivated 07-032)

PART

CHAPTER

2512/07 Rev 2 Regional Construction Assessment Team Inspections 01/27/84 (reactivated 08-004)

2512/15 Inspection of Watts Bar Nuclear Plant Employee Concerns Program 11/18/85 (reactivated 08-004)

2512/016 Inspection of Watts Bar Nuclear Plant Cable Issues Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/017 Inspection of Watts Bar Nuclear Plant Cable Tray and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/018 Inspection of Watts Bar Nuclear Plant Electrical Conduit and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/019 Inspection of Watts Bar Nuclear Plant Design Baseline Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/020 Inspection of Watts Bar Nuclear Plant Electrical Issues Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/021 Inspection of Watts Bar Nuclear Plant Equipment Seismic Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/022 Inspection of Watts Bar Nuclear Plant Fire Protection Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/023 Inspection of Watts Bar Nuclear Plant Hanger Update Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/024 Inspection of Watts Bar Nuclear Plant Heat Code Traceability Corrective Action Program Plan07/13/92 (reactivated 08-004)

2512/025 Inspection of Watts Bar Nuclear Plant HVAC Duct and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/026 Inspection of Watts Bar Nuclear Plant Instrument Lines Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/027 Inspection of Watts Bar Nuclear Plant Piece Parts/Procurement Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/028 Inspection of Watts Bar Nuclear Plant QA Records Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/029 Inspection of Watts Bar Nuclear Plant Q-List Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/030 Inspection of Watts Bar Nuclear Plant Seismic Analysis Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/031 Inspection of Watts Bar Nuclear Plant Vendor Information Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/032 Inspection of Watts Bar Nuclear Plant Welding Corrective Action Program Plan 07/13/92 (reactivated 08-004)

2512/033 Inspection of Watts Bar Nuclear Plant Concrete Quality Special Program 07/13/92 (reactivated 08-004)

2512/034 Inspection of Watts Bar Nuclear Plant Containment Cooling Special Program 07/13/92 (reactivated 08-004)

2512/035 Inspection of Watts Bar Nuclear Plant Control Room Design Review Special Program 07/13/92 (reactivated 08-004)

2512/036 Inspection of Watts Bar Nuclear Plant Environmental Qualification Special Program 07/13/92 (reactivated 08-004)

2512/037 Inspection of Watts Bar Nuclear Plant Master Fuse List Special Program 07/13/92 (reactivated 08-004)

PART

CHAPTER

2512/038	Inspection of Watts Bar Nuclear Plant Mechanical Equipment Qualification Special Program 07/13/92 (reactivated 08-004)
2512/039	Inspection of Watts Bar Nuclear Plant Microbe Induced Corrosion Special Program 07/13/92 (reactivated 08-004)
2512/040	Inspection of Watts Bar Nuclear Plant Moderate Energy Line Break Special Program 07/13/92 (reactivated 08-004)
2512/041	Inspection of Watts Bar Nuclear Plant Radiation Monitoring System Special Program 07/13/92 (reactivated 08-004)
2512/042	Inspection of Watts Bar Nuclear Plant Soil Liquefaction Special Program 07/13/92 (reactivated 08-004)
2512/043	Inspection of Watts Bar Nuclear Plant Use-As-Is CAQRS Special Program 07/13/92 (reactivated 08-004)
2512 App I	Light Water Reactor Inspection Program - Construction Phase – Procedure List 10/16/07 (07-032)
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	Light Water Inspection Program - Operations Phase 05/01/08 (08-014)
2515 App A	Risk-Informed Baseline Inspection Program 05/01/08 (08-014)
2515 App B	Supplemental Inspection Program 01/26/07 (07-004)
2515 App C	Special and Infrequently Performed Inspections 01/10/08 (08-001)
2515 App D	Plant Status 05/01/08 (08-014)
2515 App E	Inspection Program Modifications During a Pandemic 01/26/07 (07-004)
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)
2515/150 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)
2515/155	Mark I and Mark II Containment Vulnerabilities 12/12/03 (03-040) (Note: TI withheld from public disclosure since it contains sensitive security information).
2515/157	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) Affecting Safety-Related Equipment 07/29/04 (04-021)
2515/162	Safeguards Information 04/13/05 (05-010)
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)
2515/166 Rev. 1	Pressurized Water Reactor Containment Sump Blockage [NRC Generic Letter 2004-02] 05/16/07 (07-016)

PART

CHAPTER

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)
2515/170	Risk Management Technical Specifications - Initiative 4b - Risk-Informed Completion Times 11/29/07 (07-037)
2515/171 Rev. 1	Verification of Site Specific Implementation of B.5.b Phase 2 & 3 Mitigating Strategies 07/25/08 (08-020)
2515/172	Reactor Coolant System Dissimilar Metal Butt Welds 02/21/08 (08-009)
2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative 05/29/08 (08-016)
2515/174	Hydrogen Igniter Backup Power Verification 02/12/08 (08-007)
2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review 06/05/08 (08-017)
2515/176	Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2516	Policy and Guidance for the License Renewal Inspection Programs 02/18/05 (05-006)
2517	Watts Bar Unit 2 Construction Inspection Program 02/15/08 (08-008)
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 03/21/08 (08-011)
2600, App A	Guidance For Conducting Fuel Cycle Inspections 08/15/07 (07-025)
2600, App B	NRC Core Inspection Requirements...Tables 1 and 2 08/15/07 03/21/08 (08-011)
2600, App C	Fuel Cycle Resident Inspection Program 08/15/07 (07-025)
2600, App D	Fuel Cycle Facility Inspection Planning 03/21/08 (08-011)
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)
2601	Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)

PART

CHAPTER

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 Control Act) 10/05/01 (01-020)
2630	Mixed Oxide Fuel Fabrication Facility Construction Inspection Program 05/18/05 (05-0013)
2635	Reserved for Uranium Enrichment Facility Construction and Pre-Operational Readiness Review Inspection Programs
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 and for 10 CFR Part 71 Transportation Packagings 05/03/07 (07-015)
2694	USEC Inc. Gas Centrifuge Facility Construction and Pre-operational Readiness Review Inspection Programs 05/16/07 (07-016)
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)

PART

CHAPTER

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)
2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Inspection Program 09/15/03 (03-034)
2815	Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2882	Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)

2900 Performance Appraisal Program

2900	Performance Appraisal Program DI 04/04/85 (85-14)
2901	Team Inspections 08/24/01 (01-016)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)

PART

PROCEDURE

3000 Management Meetings

30050	Construction Permit Corporate Management Meeting 04/01/80 (reactivated 07-034)
30703	Management Meetings - Entrance and Exit Interviews 01/01/82 (reactivated 08-008)
30800	Initial Management Meeting - Materials Licensees 10/01/76 (76-26)

3100 Reserved

3200 Reserved

PART **PROCEDURE**

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-Application Quality Assurance Program Audit 10/03/07 (07-030)
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)
35023 Reserved for Design Reliability Assurance Program
35025 Inspection of COL Holder's Surveillance of Contractor Quality Assurance Activities 10/03/07 (07-030)
35029 Pre-Combined License (COL) Quality Assurance (QA) Inspection of Site Limited Work Authorization (LWA) 1 & 2 Activities 06/22/05 (05-016)
35031 Reserved for Design Certification Pre-Meeting
35032 Reserved for Pre-Docketing Design Certification Quality Assurance Controls Inspection
35033 Reserved for Post-Docketing Design Certification Quality Assurance Controls Inspection
35034 Reserved for Design Qualification Testing Inspection
35060 Licensee Management of QA Activities 04/01/83 (reactivated 07-032)
35061 In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034)
35065 Procurement, Receiving, and Storage 04/01/83 (reactivated 07-032)
35100 Review of the QA Manual 06/22/05 (05-016)
35101 QA Program Implementation Inspection for Operational Programs 10/03/07 (07-030)
35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028)
35501 QA for the Startup Test Program 01/20/84 (84-04)

PART

PROCEDURE

35701	Quality Assurance Program Review 09/17/01 (01-017)
35752	Part 52 - Procurement Control & Receipt, Storage and Handling of Equipment and Materials 10/03/07 (07-030)
35753	QA Program - Control of Tests & Measuring and Test Equipment 10/03/07 (07-030)
35960	QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
35961	QA Implementation of Criterion I - Evaluation of Engineering Organization Conducting First-of-a-Kind Engineering 10/03/07 (07-030)
35962	Reserved for Part 52 QA Program Evaluation of Engineering Service Organization

3600 Organization and Administration

36100	Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 10/03/07 (07-030)
36302	Reserved for Part 52 Operational Staffing
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)
37051	Verification of As-Builts 12/04/87 (reactivated 07-032)
37550	Engineering 11/15/99 (99-018)
37551	Onsite Engineering 06/24/98 (98-010)
37055	Onsite Design Activities 04/01/83 (reactivated 07-032)
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)

PART
PROCEDURE

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)
40504 Part 52, Identification and Resolution of Construction Problems 10/03/07 (07-030)
40505 Reserved for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems
40600 Reserved for Licensee Program for ITAAC Closure
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)
42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004)
42401 Reserved for Part 52 Plant Procedures
42453 Reserved for Part 52 Operating Procedures Inspection
42454 Reserved for Part 52 Emergency Procedures
42700 Plant Procedures 11/15/95 (95-015)

4300 Vendor Procedures

43001 Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)
43002 Routine Inspections of Nuclear Vendors 10/03/07 (07-030)
43003 Reactive Inspections of Nuclear Vendors 10/03/07 (07-030)
43004 Inspection of Commercial-Grade Dedication Programs 10/03/07 (07-030)
43005 NRC Oversight of Third-Party Organizations Implementing Quality Assurance Requirements 10/03/07 (07-030)

4400 Reserved

4500 Geotechnical/Foundation

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

PART

PROCEDURE

45051.A Geotechnical/Foundation Activities Procedure Review 03/23/84 (reactivated 08-004)
45052 Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)
45053 Geotechnical/Foundation Activities Work Observation 03/23/84 (reactivated 07-034)
45055 Geotechnical/Foundation Activities Record Review 03/23/84 (reactivated 07-034)

4600 Structural Concrete

46051 Structural Concrete Procedure Review 07/01/83 (reactivated 07-034)
46053 Structural Concrete Work Observation 07/01/83 (reactivated 07-034)
46055 Structural Concrete Record Review 07/01/83 (reactivated 07-034)
46061 Structural Masonry Construction 12/17/86 (reactivated 07-034)
46071 Concrete Expansion Anchors 12/17/86 (reactivated 07-034)

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

48051 Structural Steel and Supports Procedure Review 12/17/86 (reactivated 07-032)
48053 Structural Steel and Supports Work Observation 12/17/86 (reactivated 07-032)
48055 Structural Steel and Supports Record Review 07/01/83 (reactivated 07-032)

4900 Piping

49001 Inspection of Erosion/Corrosion Monitoring Programs 12/11/98 (98-019)
49051 Reactor Coolant Pressure Boundary Piping QA Review 08/16/82 (reactivated 07-032)
49053 Reactor Coolant Pressure Boundary Piping – Work Observation 11/19/85 (reactivated 07-032)
49055 Reactor Coolant Pressure Boundary Piping Record Review 08/16/82 (reactivated 07-034)
49061 Safety-Related Piping 10/01/82 (reactivated 07-034)
49063 Piping – Work Observation 11/19/85 (reactivated 07-034)
49065 Safety-Related Piping-Records Review 10/01/82 (reactivated 07-034)

PART

PROCEDURE

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)
50051 Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034)
50053 Reactor Vessel and Internals Work Observation 08/16/82 (reactivated 07-034)
50055 Reactor Vessel and Internals Record Review 08/16/82 (reactivated 07-034)
50054 Reserved for Reactor Vessel Material Surveillance Program
50071 (Safety-Related Components – Procedure Review 04/01/83 (reactivated 07-034)
50073 Mechanical Components – Work Observation 11/19/85 (reactivated 07-034)
50075 Safety Related Components – Records Review 04/01/83 (reactivated 07-034)
50090 Pipe Support and Restraint Systems 08/06/03 (03-028)
50095 Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)
50100 Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

5100 Electrical Components and Systems

51051 Electrical Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
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)
51063 Electric Cable – Work Observation 11/19/85 (reactivated 07-034)
51065 Electric Cable – Record Review 03/30/84 (reactivated 07-034)
51080 Reserved for Equipment Qualification

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)
52051 Instrument Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
52053 Instrument Components and Systems – Work Observation 03/30/84 (reactivated 07-034)
52055 Instrument Components and Systems – Record Review 03/30/84 (reactivated 07-034)

PART
PROCEDURE

5300 Containment Penetrations

53051 Containment Penetrations (Mechanical) Procedure Review 01/27/84 (reactivated 07-034)
53053 Containment Penetrations (Mechanical) Work Observation 01/27/84 (reactivated 07-034)
53055 Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034)

5400 Cleanliness

5500 Welding

55050 Nuclear Welding General Inspection Procedure 06/20/83 (83-06)
55093 Reactor Vessels Internals (Welding) Observation of Welding and Associated Activities 07/01/7 (reactivated 07-034)
55100 Structural Welding General Inspection Procedure 06/20/83 (83-06)
55150 Weld Verification Checklist 06/20/83 (reactivated 07-034)

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

PART
PROCEDURE

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 01/16/08 (08-003)
60852 ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003)
60853 On-Site Fabrication of Components and Construction of an ISFSI 01/16/08 (08-003)
60854 Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)
60854.1 Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022)
60855 Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)
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 03/05/08 (08-010)
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 10/24/07 (07-033)
60858 Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)

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)
62711 Reserved for Operational Reliability Assurance Process"
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

63050 Containment Structural Integrity Test 07/01/83 (reactivated 07-034)

6400 Fire Prevention/Protection

64051 Procedures – Fire Prevention/Protection 07/01/79 (reactivated 07-034)
64053 Fire Loop Installation 07/01/79 (reactivated 07-034)
64102 Reserved for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities
64704 Fire Protection Program 06/24/98 (98-010)
64705 Part 52, Fire Protection Operational Program 10/03/07 (07-030)

6500 10 CFR Part 52 ITAAC Inspections

65001 Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 10/03/07 (07-030)
65001.A ITAAC Attributes for As-Built Inspection 10/03/07 (07-030)
65001.C Inspection of the ITAAC-Related Construction Test Program 10/03/07 (07-030)
65001.01 Inspection of ITAAC-Related Foundations & Buildings 10/03/07 (07-030)
65001.02 Inspection of ITAAC-Related Installation of Structural Concrete 10/03/07 (07-030)
65001.04 Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 04/18/08 (08-012)

65001.06 Inspection of ITAAC-Related Installation o Mechanical Components 04/18/08 (08-012)
65001.15 Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)

PART
PROCEDURE

65001.16 Inspection of ITAAC-Related Engineering 10/03/07 (07-030)
65051 Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)

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)
70367 Reserved for Part 52 Pre-operational Test Program Implementation

PART
PROCEDURE

70368 Reserved for Part 52 Containment Leak Rate Testing (Programmatic)
70369 Reserved for Part 52 Containment Leak Rate Testing
70370 Testing Piping Support and Restraint Systems 03/07/86 (86-13)
70371 Reserved for Part 52 Testing of Pipe Support and Restraint System
70701 Reserved
70702 Reserved

7100 Operations (License & TS Requirements)

71001 Licensed Operator Requalification Program Evaluation 07/23/98 (98-011)
71002 License Renewal Inspection 02/18/05 (05-006)
71003 Post-Approval Site Inspection for License Renewal 02/15/08 (08-008))
71004 Power Uprate 07/01/08 (08-019)
71005 Inspector Review of Licensing-Related Information 08/05/03 (03-027)
71007 Reactor Vessel Head Replacement Inspection 06/04/07 (07-018)
71111 Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 05/16/08 (08-015)
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 05/01/08 (08-013)
71111.04 Equipment Alignment 02/27/07 (07-007)
71111.05AQ Fire Protection (Annual / Quarterly) 01/31/08 (08-005)
71111.05N Reserved for Fire Protection - NFPA 805 (Triennial)
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 01/31/08 (08-005)
71111.07 Heat Sink Performance 01/31/08 (08-005)
71111.08 Inservice Inspection Activities 10/04/07 (07-031)
71111.11 Licensed Operator Requalification Program 1/05/06 (06-001)
71111.12 Maintenance Effectiveness 01/31/08 (08-005)
71111.13 Maintenance Risk Assessments and Emergent Work Control 01/31/08 (08-005)
71111.15 Operability Evaluations 01/31/08 (08-005)
71111.17 Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications 01/31/08 (08-005)
71111.18 Plant Modifications 01/31/08 (08-005)
71111.19 Post Maintenance Testing 01/17/02 (02-001)
71111.20 Refueling and Other Outage Activities 01/31/08 (08-005)
71111.21 Component Design Bases Inspection 01/31/08 (08-005)
71111.22 Surveillance Testing 02/27/07 (07-007)

PART

PROCEDURE

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 08/24/07 (07-026)
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 10/04/07 (07-031)
71121	Occupational Radiation Safety 03/06/02 (02-008)
71121.01	Access Control to Radiologically Significant Areas 03/06/02 (02-008)
71121.02	ALARA Planning and Controls 03/06/08 (02-008)
71121.03	Radiation Monitoring Instrumentation 03/06/02 (02-008)
71122	Public Radiation Safety 01/24/03 (03-001)
71122.01	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems 01/10/08 (08-001)
71122.02	Radioactive Material Processing and Transportation 01/24/03 (03-001)
71122.03	Radiological Environmental Monitoring Program (REMP) 01/24/03 (03-001)
71130	Physical Protection 02/19/04 (04-007)
71130.01	Access Authorization 07/28/05 (05-021)
71130.02	Access Control 02/16/04 (04-007)
71130.03	Contingency Response - Force-On-Force Testing 01/31/08 (08-004)
71130.04	Equipment Performance, Testing Maintenance 02/19/04 (04-007)
71130.05	Protective Strategy Evaluation 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 06/28/07 (07-021)
71152	Identification and Resolution of Problems 01/10/08 (08-001)
71153	Followup of Events and Notices of Enforcement Discretion 02/12/08 (08-007)
71303	Reserved for Part 52 Technical Specifications Review
71707	Plant Operations 12/31/98 (98-020)
71714	Cold Weather Preparations 09/17/01 (01-017)
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)
71750	Plant Support Activities 06/24/98 (98-010)
71801	Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012)
71841	Human Performance 12/12/00 (00-027)
71846B	Review of Conduct of Operations 10/01/76 (76-24)

PART
PROCEDURE

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)
72401	Reserved for Part 52 Overall Setup Test Program
72500B	Initial Fuel Loading Procedure 04/30/75 (75-16)
72501	Reserved for Part 52 Initial Fuel Load Procedure Review
72502B	Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)
72504B	Heatup Phase Procedure Review 04/30/75 (75-16)
72508B	Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)
72509B	Power Ascension Procedure Review: Control Rod Drive System 07/01/80 (80-16)
72510B	Power Ascension Procedure Review - Relief Valves and MSIVs 04/30/75 (75-16)
72512B	Startup Test Procedure Review - RCIC or Recirculation Pump Trip 04/30/75 (75-16)
72514B	Startup Test Procedure Review - Turbine Trip/Generator Trip 07/01/80 (80-16)
72516B	Startup Test 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)
72525	Reserved for Part 52 Initial Fuel Load Witnessing
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)

PART

PROCEDURE

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 Pl01/14/86 (86-03)
73052	Inservice Inspection - Review of Procedures 01/14/86 (86-03)
73053	Preservice Inspection – Observation of Work and Work Activities 01/01/79 (reactivated 07-034)
73054	Part 52, Preservice and Inservice Inspection - Review of Program 07/01/08 (08-019)
73055	Preservice Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034)
73753	Inservice Inspection 06/24/98 (98-010)
73754	Reserved for Part 52 Inservice Inspection - Observation of Work and Work Activities
73755	Inservice Inspection - Data Review and Evaluation 01/14/86 (86-03)
73756	Inservice Testing of Pumps and Valves 07/27/95 (95-009)
73757	Part 52 Inservice Inspection - Data Review and Evaluation 04/18/08 (08-012

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

78010 Reserved for 10 CFR Part 21 Program

PART
PROCEDURE

7900 Water Chemistry

79503 Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre-Op and Supp)
79504 Reserved for Part 52 Plant systems Affecting Plant Water Chem.
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)
80211 Reserved for Part 52 Environmental Protection - Initial & Periodic Inspection
80522 Part 52, Radiological Environmental Monitoring Program (REMP) 07/01/08 (08-019)
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 Physical Security Plan and Implementing Procedures 05/24/07 (07-17)
81019 Reserved for Part 52 Security Plan & Implementing Procedures
81020 Management Effectiveness - Security Program 06/13/07 (07-019)
81021 Reserved for Part 52 Management Effectiveness
81023 Reserved for Part 52 Security Organization
81022 Security Organization 06/13/07 (07-019)
81034 Security Program Audit 09/10/07 (07-027)
81035 Reserved for Part 52 Security Audit Program
81038 Records and Reports 09/10/07 (07-027)
81039 Reserved for Part 52 Records & Reports
81042 Testing and Maintenance 04/12/07 (07-013)
81043 Reserved for Part 52 Testing & Maintenance
81046 Locks, Keys, and Combinations 09/10/07 (07-027)
81047 Reserved for Part 52 Locks, Keys & Combinations
81052 Physical Barriers - Protected Areas 09/10/07 (07-027)
81053 Reserved for Part 52 Physical Barriers - Protected Areas
81054 Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 09/10/07 (07-027)
81055 Reserved for Part 52 Physical Barriers - Vital Areas, Material Access Areas & Controlled Access Areas
81058 Security System Power Supply 09/10/07 (07-027)
81059 Reserved for Part 52 Security System Power Supply
81062 Lighting 09/10/07 (07-027)
81063 Reserved for Part 52 Lighting

PART

PROCEDURE

81064	Compensatory Measures 09/10/07 (07-027)
81065	Reserved for Part 52 Compensatory Measures
81066	Assessment Aids 09/10/07 (07-027)
81067	Reserved for Part 52 Assessment Aides
81070	Access Control - Personnel 05/09/84 (84-15)]
81071	Reserved for Part 52 Access Control - Personnel
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)
81075	Reserved for Part 52 Access Control - (Power Reactors) – Packages
81076	Reserved for Part 52 Access Control - Vehicles
81078	Detection Aids - Protected Areas 05/09/84 (84-15)
81079	Reserved for Part 52 Detection Aids - Protected Areas
81080	Detection Aids - VA, MAA, and CAA 05/09/84 (84-15)
81081	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
81084	Alarm Stations 09/10/07 (07-027)
81085	Reserved for Part 52 Alarm Stations
81088	Communications 09/10/07 (07-027)
81089	Reserved for Part 52 Communications
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)
81402	Reports of Safeguards Events 06/13/85 (85-23)
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)
81503	Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements

PART
PROCEDURE

81601	Safeguards Contingency Plan - Implementation Review 05/09/84 (84-15)
81602	Reserved for Part 52 Safeguards Contingency Plan - Implementation Review
81700	Physical Security Program for Power Reactors 07/01/97 (97-010)
81810	Protection of Safeguards Information 09/10/07 (07-027)
81811	Reserved for Part 52 Physical Protection Safeguards Information
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)

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)
83529	Reserved for Part 52 Radiation Protection – Startup
83531	Reserved for Part 52 Radiation Protection, Plant Chemistry, Radwaste, and Environmental
83532	Reserved for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training
83533	Reserved for Part 52 External Occupational Exposure Control and Personal Dosimetry
83534	Reserved for Part 52 Internal Exposure Control

PART

PROCEDURE

83535 Reserved for Part 52 Control of Radioactive Materials and Contamination, Surveys, and Monitoring
83536 Reserved for Part 52 Facilities and Equipment
83537 Reserved for Part 52 Maintaining Occupational Exposures ALARA
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)
83746 Reserved for Offsite Dose Calculation Manual
83750 Occupational Radiation Exposure 06/06/02 (02-023)
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)
84526 Reserved for Part 52 Radwaste – Startup
84527 Part 52, Solid Waste Management System 07/01/08 (08-019)
84528 Reserved for Part 52 Liquid Waste Management System (Preoperational and Supplemental)
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)
85103 Reserved for Part 52 Material Control and Accounting - Reactor
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)
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 01/16/08 (08-003)
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

PART

PROCEDURE

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 07/01/08 (08-018)
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)
88004 Reserved for Adverse Weather Protection
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)
88054 Reserved for Fire Protection (Triennial)

PART

PROCEDURE

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)
88109 Quality Assurance: Inspection, Test Control, and Control of Measuring and Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020)
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)
88112 Reserved for Software Validation

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)
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)

PART

PROCEDURE

88132 Structural Concrete Activities 10/25/06 (06-030)
88133 Structural Steel and Supports Activities 7/25/07 (07-023)
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)
88136 Mechanical Components 7/25/07 (07-023)
88137 Reserved for Electric Cable
88138 Electrical Components and Systems 08/08/07 (07-024)
88139 Ventilation and Confinement Systems 08/08/07 (07-024)
88140 Reserved for Instrumentation and Controls Systems
88141 Fire Prevention and Protection 08/08/07 (07-024)
88142 Underground Fire Water Loop and Equipment Installation 08/08/07 (07-024)
88143 Pipe Supports and Restraints 7/25/07 (07-023)
88150 Reserved for Training and Qualification of Plant Personnel
88151 Reserved for Facility Changes and Change Process (10 CFR70.72)
88152 Reserved for Physical Protection Equipment and Barriers
88153 Reserved for Material Control and Accounting
88154 Reserved for Fire Safety and Protection Systems
88155 Reserved for Functional Verifications of IROFS
88156 Reserved for Integrated Safety Analysis Implementation
88157 Reserved for Waste Management Equipment and Systems
88158 Reserved for Environmental Protection - Initial and Periodic Inspections
88159 Reserved for Process Enclosures and Vessels
88160 Reserved for Utilities and Bulk Chemicals

8900 Fuel Facility and Materials Special Program

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

9000 Reportable Matters and Report Reviews

90001 Reserved for Limited Expanded Program Review Inspection
90002 Reserved for Expanded Program Review Inspection
90003 Reserved for Unacceptable Performance Inspection
90501B Reportable Matters - Startup Test Program 04/30/75 (75-16)
90502 Reserved for Part 52 Reportable Matters - Test Program
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

PART
PROCEDURE

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 03/13/07 (07-010)
92702	Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001)
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)
92714	Reserved for Part 52 Follow-up
92720	Corrective Action 09/28/98 (reactivated 07-034)
92721	Reserved for Part 52 Follow-up on Corrective Actions for Violations and Deviations
92901	Followup - Plant Operations 09/17/01 (01-017)
92902	Followup - Maintenance 09/17/01 (01-017)
92903	Followup - Engineering 09/17/01 (01-017)
92904	Followup - Plant Support 09/17/01 (01-017)

9300 Non-Routine Activities

93001	OHSA Interface Activities 02/11/04 (04-006)
93702	Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017)
93800	Augmented Inspection Team 07/25/08 (08-020)
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)

PART
PROCEDURE

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 07/25/08 (08-020)
93813 Reserved for Part 52 Operational Readiness Assessment Team Inspection

9400 Technical Activities of an Administrative Nature

94300 Status of Plant Readiness for an Operating Licensee 02/14/86 (reactivated 07-034)
94301 Reserved for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load

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 (06-003)

9700 Reserved

9800 Reserved

PART
TECHNICAL GUIDANCE

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 Section III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section 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)

PART
TECHNICAL GUIDANCE

Maintenance

Voluntary Entry into Limiting Conditions For Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001)

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

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

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

Mechanical

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

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

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

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

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]

Operability Determinations & Functionality Assessments for Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 04/16/08 (08-016) [TG STSODP]

Operation - Safety and Compliance [TG 9900 SAFETY] 09/11/07 (07-028)

PART
10 CFR GUIDANCE

PART

10 CFR GUIDANCE

10	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	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

END