

NRC INSPECTION MANUAL

DIRS

TABLE OF CONTENTS

Table of Contents Current through Change Notice 09-001 issued 01/08/09

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC
Inspection Manual 08/19/08 (08-024)

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)

0305 Operating Reactor Assessment Program 01/08/09 (09-001)

0306 Information Technology Support for the Reactor Oversight
Process 12/04/08 (CN 08-034)

¹The date and numbers in parentheses to the right of the chapter/inspection procedure title are the issue date and the change notice number under which the title was issued.

PART
CHAPTER

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)
0308, Att 6	Reserved for Basis Document for the Security Cornerstone of the Reactor Oversight Process
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)

PART
CHAPTER

- 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 08/05/08 (08-023)
- 0609.01 Significance and Enforcement Review Panel Process
 08/05/08 (08-023)
- 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 08/19/08 (08-024)
- 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 Security Significance Determination Process for
 Power Reactors 12/04/08 (CN 08-034)
- 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)

PART
CHAPTER

- 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 12/04/08 (CN 08-034)
- 0612, Exh 1 Standard Reactor Inspection Report 12/04/08 (CN 08-034)
- 0612, Exh 2 Inspection Report Documentation Matrix 12/04/08 (CN 08-034)
- 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 12/04/08 (CN 08-034)
- 0612, App B Issue Screening 12/04/08 (CN 08-034)
- 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 Documenting 10 CFR Part 52 Construction and Test Inspections 10/20/08 (08-029)

PART
CHAPTER

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	Fuel Cycle Safety and Safeguards Inspection Reports 07/29/08 (08-021)
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)
0700	<u>Communications with Licensees</u>
0730	Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)
0800	<u>Feedback - Improving the Regulatory Process</u>
0801	Reactor Oversight Process Feedback Program 07/01/08 (08-019)
0802	Reserved for the Part 52 Program
0900	<u>Reporting of Events/Incidents</u>
0970	Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)
1000	<u>Regional Office Program Interfaces</u>
1007	Interfacing Activities between Regional Offices of NRC and OSHA 02/11/04 (04-006)
1100	<u>Notifications of Meetings and Conferences</u>
1120	Preliminary Notifications 06/22/06 (06-014)
1200	<u>Inspector Requirements</u>
1201	Conduct of Employees 06/29/99 (99-010)
1202	Senior Resident Inspector Site Turnover 10/31/08 (08-031)
1220	Processing of NRC Form 241, "Report of Proposed Activities In Non-Agreement States," Areas of Exclusive Federal

PART
CHAPTER

	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)

PART
CHAPTER

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)
A06 Att 1	Spent Fuel Storage and Transportation Training Requirements for Project Manager and Technical Reviewer 09/24/08 (08-027)
A06 Att 2	Training Requirements for Spent Fuel Storage and Transportation Inspector 09/24/08 (08-027)
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)
B06 Att 1	Office of Nuclear Material Safety and Safeguards Qualification Journal for Spent Fuel Storage and Transportation Project Manager and Technical Reviewer 09/24/08 (08-027)
B06 Att 2	Office of Nuclear Material Safety and Safeguards Qualification Journal for Spent Fuel Storage and Transportation Inspector 09/24/08 (08-027)
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

PART
CHAPTER

	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 11/25/08 (08-033)
1252 App A	Construction Inspector Basic-Level Training and Certification Journal 11/25/08 (08-033)
1252 App B	Construction Inspector General Proficiency-Level Training and Qualification Journal 11/25/08 (08-033)
1252 App C	Construction Inspector Technical Proficiency-Level Training and Qualification Journal 11/25/08 (08-033)
1300	<u>Incident Response</u>
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	<u>Reserved</u>
1415	State Contracts for Environmental Monitoring 06/28/91 (91-009)
1500	<u>Reserved</u>
1600	<u>Emergency Preparedness</u>
1601	Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 07/07/05 (05-018)

PART
CHAPTER

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)

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)

2201/002 Inspection of Transition of Contract Security to Proprietary Security Force 02/12/08 (08-007)

2201/003 Reserved for Fitness for Duty Part 26 Subpart K

2300 High Level Waste

2300 Yucca Mountain Inspection Program License Application Review Period 09/11/08 (08-026)

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)

PART
CHAPTER

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 Periodic Assessment of Construction Inspection Program Results 10/20/08 (08-029)
- 2507 Construction Inspection Program: Vendor Inspections 10/03/07 (07-030)
- 2508 Construction Inspection Program: Design Certification 10/03/07 (07-030)
- 2512 Light Water Reactor Inspection Program - Construction Phase 12/17/86 (reactivated 07-032)
- 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 Plan 07/13/92 (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)

PART
CHAPTER

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)
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)
2513	Light Water Reactor Inspection Program – Preoperational Testing and Operational Preparedness Phase 08/05/08 (Reactivated 08-023)
2513 App A	Light Water Reactor – Preoperational Testing Phase 08/05/08 (reactivated 08-023)
2513 App B	Light Water Reactor – Operational Preparedness Phase 08/05/08 (reactivated 08-023)
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)

PART
CHAPTER

2515 App A	Risk-Informed Baseline Inspection Program 09/03/08 (08-025)
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 09/03/08 (08-025)
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	Pressurized Water Reactor Containment Sump Blockage [NRC Rev. 1 Generic Letter 2004-02] 05/16/07 (07-016)
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 Rev. 1	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative 10/31/08 (08-031)
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

PART
CHAPTER

2515/177	Reserved for Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01)
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)
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	<u>Fuel Cycle Facility Inspection Program</u>
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)
2600/014	Reserved for Inspection Guidance for Applying Safety Culture Components Within the Inspection and Enforcement Program for Fuel Cycle Facilities
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 07/29/08 (08-021)
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)

PART
CHAPTER

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 08/04/08 (08-022)
2960/008	Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Located Within the Protected Area of an Operating Reactor Facility 10/17/08 (08-028) (Note: This TI contains safeguards material.)
2690/009	Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) at an Operating Reactor Facility on the Owner Controlled Area Outside of the Reactor Protected Area 10/17/08 (08-028) (Note: This TI contains safeguards material.)
2960/010	Inspection of Safeguards Compensatory Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Not Co-Located at an Operating Reactor Facility 10/17/08 (08-028) (Note: This TI contains safeguards material.)
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	<u>Licensee Contractor and Vendor Inspection Program</u>
2700	Vendor Inspection Program (VIP) 10/29/90 (90-013)
2800	<u>Materials Inspection Program</u>
2800	Materials Inspection Program 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	Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)

PART

CHAPTER

- 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)
- 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

- 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 Quality Assurance Implementation Inspection 07/29/08 (08-021)
- 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)

PART
PROCEDURE

35501	QA for the Startup Test Program 01/20/84 (84-04)
35701	Quality Assurance Program Review 09/17/01 (01-017)
35750	QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032)
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)
36301	Operational Staffing 07/01/77 (reactivated 08-032)
36302	Part 52. Operational Staffing 08/19/08 (08-024)
36801	Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

3700 Design, Design Changes, Modifications

37051	Verification of As-Builts 12/04/87 (reactivated 07-032)
37301	Comparison of As-Built Plant to FSAR Description 03/22/85 (reactivated 08-032)
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

PART
PROCEDURE

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)
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

41301 Pre-Licensing Review of Training and Qualification Programs
 02/18/87 (reactivated 08-032)
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 Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454 Part 52, Emergency Procedures 07/29/08 (08-021)
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

PART
PROCEDURE

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

PART
PROCEDURE

49065 Safety-Related Piping-Records Review 10/01/82 (reactivated 07-034)

5000 Mechanical Components and Equipment

50001 Steam Generator Replacement Inspection 08/19/08 (08-024)
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)
50054 Reactor Vessel Material Surveillance Program 12/04/08 (CN 08-034)
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

52003 Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)

PART
PROCEDURE

- 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)

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)

PART
PROCEDURE

5800 Special Processes

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

- 60501 Fuel Receipt and Storage 04/30/75 (reactivated 08-032)
- 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)

PART
PROCEDURE

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.B Inspection of the ITAAC-Related Welding Program 08/19/08
(08-024)
65001.C Inspection of the ITAAC-Related Construction Test Program
10/03/07 (07-030)

PART
PROCEDURE

65001.E	Inspection of the ITAAC-Related Qualification Program 08/19/08 (08-024)
65001.F	Inspection of the ITAAC-Related Design and Fabrication Requirements 08/19/08 (08-024)
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)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 04/18/08 (08-012)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08-024)
65001.06	Inspection of ITAAC-Related Installation of Mechanical Components 04/18/08 (08-012)
65001.07	Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)
65001.08	Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)
65001.10	Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)
65001.11	Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)
65001.12	Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air Conditioning Systems 07/29/08 (08-021)
65001.14	Inspection of ITAAC-Related Installation of Complex Systems with Multiple Components 07/29/08 (08-021)
65001.15	Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)
65001.16	Inspection of ITAAC-Related Engineering 10/03/07 (07-030)
65001.18	Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
65001.19	Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029)
65051	Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)

6600 Reserved

6700 Reserved

6800 Reserved

PART
PROCEDURE

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

- 70300 Preoperational Test Procedure Test Review 10/01/83 (reactivated 08-032)
- 70301 Overall Preoperational Test Program Review Requirements 10/01/83 (reactivated 08-032)
- 70302 Preoperational Test Program Implementation 10/01/83 (reactivated 08-032)
- 70304 Engineered Safety Features Test - Preoperational Test Procedure Review 08/06/03 (03-028)
- 70305 Reactor Protection System Test Preoperational Test Procedure Review Preoperational Testing Procedure Verification 01/01/79 (reactivated 08-032)
- 70307 Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)
- 70308 Preoperational Hot Functional Testing - PWR Procedure Review) 10/01/83 (reactivated 08-032)
- 70311 Preoperational Testing Procedure Verification 10/01/83 (reactivated 08-032)
- 70312 Preoperational Test Witnessing 10/01/83 (reactivated 08-032)
- 70313 Containment Integrated Leak Rate Test 11/12/85 (85-36)
- 70314 HFT Witnessing 10/01/81 (reactivated 08-032)
- 70315 Engineered Safety Features Test Preoperational Test Witnessing) 01/01/79 (reactivated 08-032)

PART
PROCEDURE

70316	Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)
70317	Reactor Protection System Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70324	Preoperational Test Results Evaluation - Integrated Hot Functional Test 04/01/77 (reactivated 08-032)
70325	Preoperational Test Results Evaluation - Reactor Protection System 01/01/79 (reactivated 08-032)
70326	Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032)
70329	Preoperational Test Result Evaluation Verification 10/01/83 (reactivated 08-032)
70362	Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032)
70367	Reserved for Part 52 Pre-operational Test Program Implementation
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
70400	Preoperational Test Results Evaluation 10/01/83 (reactivated 08-032)
70462	Reactor Coolant System Hydrostatic Test - Test Witnessing 10/01/83 (reactivated 08-032)
70562	Reactor Coolant System Hydrostatic Test Results Evaluation 10/01/83 (reactivated 08-032)
70701	Reserved
70702	Reserved

7100 Operations (License & TS Requirements)

71002	License Renewal Inspection 02/18/05 (05-006)
71003	Post-Approval Site Inspection for License Renewal 10/31/08 (08-031)
71004	Power Up-rate 07/01/08 (08-019)
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)
71111.01	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)

PART
PROCEDURE

71111.06	Flood Protection Measures 08/19/08 (08-024)
71111.07	Heat Sink Performance 01/31/08 (08-005)
71111.08	In-service 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 10/31/08 (08-031)
71111.18	Plant Modifications 10/31/08 (08-031)
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 08/19/08 (08-024)
71111.22	Surveillance Testing 02/27/07 (07-007)
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 10/31/08 (08-031)
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 12/18/08 08-036
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 12/10/08 (08-035)
71130.01	Access Authorization 12/10/08 (08-035)
71130.02	Access Control 12/10/08 (08-035)
71130.03	Contingency Response - Force-On-Force Testing 01/31/08 (08-004)
71130.04	Equipment Performance, Testing, & Maintenance 12/10/08 (08-035)
71130.05	Protective Strategy Evaluation 12/10/08 (08-035)
71130.07	Security Training 12/10/08 (08-035)
71130.08	Fitness For Duty Training 12/10/08 (08-035)

PART
PROCEDURE

71130.09	Owner-Controlled Area Controls 12/10/08 (08-035)
71130.11	Material Control & Accounting (MC&A) 12/10/08 (08-035)
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)
71302	Preoperational Test Program Implementation Verification 10/01/83 (reactivated 08-032)
71303	Part 52, Technical Specifications Review 10/20/08 (08-029)
71714	Cold Weather Preparations 09/17/01 (01-017)
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)
71801	Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012)
71841	Human Performance 12/12/00 (00-027)

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	Heat-up 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

PART
PROCEDURE

	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	Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16)
72566B	Pre-critical 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	Pre-critical 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 PI01/14/86 (86-03)
73052	In-service Inspection - Review of Procedures 01/14/86 (86-03)
73053	Pre-service Inspection – Observation of Work and Work Activities 01/01/79 (reactivated 07-034)
73054	Part 52, Pre-service and In-service Inspection - Review of Program 07/01/08 (08-019)
73055	Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034)
73753	In-service Inspection 06/24/98 (98-010)
73754	Reserved for Part 52 In-service Inspection - Observation of Work and Work Activities
73755	In-service Inspection - Data Review and Evaluation 01/14/86 (86-03)
73756	In-service Testing of Pumps and Valves 07/27/95 (95-009)
73757	Part 52 In-service Inspection - Data Review and Evaluation 04/18/08 (08-012)

PART
PROCEDURE

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

78010 10 CFR Part 21 Program 09/11/08 (08-026)

7900 Water Chemistry

79501 LWR Water Chemistry Control and Chemical Analysis – Audits
02/24/89 (reactivated 08-032)

79502 Plant Systems Affecting Plant Water Chemistry 12/31/91
(reactivated 08-032)

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

80521 Radiological Environmental Monitoring (Preoperational and
Supplemental) 01/01/84 (reactivated 08-032)

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)

PART
PROCEDURE

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
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 12/22/08 (08-037)
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 12/22/08 (08-037)
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 – MAA and CAA 12/22/08 (08-037)
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 12/22/08 (08-037)

PART
PROCEDURE

- 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 12/22/08 (08-037)
- 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 12/22/08 (08-037)
- 81503 Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements
- 81601 Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)
- 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) 12/22/08 (08-037)
- 81820 Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 12/22/08 (08-037)

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)

8300 Radiation Protection

PART
PROCEDURE

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)
83522	Radiation Protection, Plant Chemistry, Radwaste, and Environmental: Organization and Management Controls 12/31/91 (reactivated 08-032)
83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)
83524	External Occupational Exposure Control and Personal Dosimetry (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83525	Internal Exposure Control and Assessment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83526	Control Of Radioactive Materials and Contamination, Surveys, and Monitoring (Preoperational And Supplemental) 01/01/84 (reactivated 08-032)
83527	Facilities and Equipment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
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
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)

PART
PROCEDURE

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	Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021)
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)
84522	Solid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
84523	Liquids and Liquid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
84524	Gaseous Waste System (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
84525	Quality Assurance and Confirmatory Measurements for In-Plant Radiochemical Analysis (Preoperational and Supplemental) 5/23/85 (reactivated 08-032)
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
84529	Reserved for Part 52, Gaseous 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 12/22/08 (08-037)
84900	Low-Level Radioactive Waste Storage 12/22/08 (08-037)

(Preoperational and Supplemental)

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

PART
PROCEDURE

85203	One Effective Kilogram of SNM 04/10/85 (85-15) 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 10/30/08 (08-030)
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)
87135	Panoramic and Underwater Irradiator Security Program 10/30/08 (08-030)
87136	Manufacturing and Distribution (M&D) Security Program) 10/30/08 (08-030)
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 10/30/08 (08-030)
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)

PART
PROCEDURE

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	Fire Protection (Triennial) 09/11/08 08-026
88055	Fire Protection (Annual) 08/19/08 (08-024)
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 Follow-up 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)

PART
PROCEDURE

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)
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)

PART
PROCEDURE

- 90712 In-office Review of Written Reports of Non-routine 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 Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
- 92701 Follow-up 03/13/07 (07-010)
- 92702 Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001)
- 92703 Follow-up 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 Follow-up - Plant Operations 09/17/01 (01-017)
- 92902 Follow-up - Maintenance 09/17/01 (01-017)
- 92903 Follow-up - Engineering 09/17/01 (01-017)
- 92904 Follow-up - Plant Support 09/17/01 (01-017)

9300 Non-Routine Activities

- 93001 OSHA 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)

PART
PROCEDURE

- 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)

- 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
10 CFR GUIDANCE

9900 Guidance²

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)

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

PART
10 CFR GUIDANCE

STS Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)

STS Interp Licensee Technical Specification Interpretations 02/03/97 (97-001)

Maintenance

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

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

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

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

Mechanical

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

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

Steam Generator Tube-to-Secondary Leakage 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]

PART
10 CFR GUIDANCE

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