TABLE OF CONTENTS

Table of Contents
Current through Change Notice 16-024 issued 09/30/2016

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC

Inspection Manual 11/20/14 (14-028)

0100 Program Responsibilities

Oversight and Objectivity of Inspectors and Examiners

at Reactor Facilities 04/24/13 (13-012)

0111 Monitoring Activities for the DOE West Valley

Demonstration Project 03/04/02 (02-006)

0200 Program Management Reports

0300 <u>Inspection Policy</u>

0301	Coordination of NRC Visits to Commercial Reactor Sites
	08/24/01 (01-016)
0302	RESERVED Coordination of Regional Requests For NRR Staff To
	Conduct Inspection Activities
0305	Operating Reactor Assessment Program 12/23/15 (15-032)
0306	Planning, Tracking and Reporting of the Reactor Oversight Process
	12/23/15 (15-032)
0307	Reactor Oversight Process Self-Assessment Program
	11/23/15 (15-025)
0307, App A	Reactor Oversight Process Self-Assessment Metrics 11/23/15 (15-025)
0307, App B	ROP Realignment Process 11/23/15 (15-025)
0307, App C	Reactor Oversight Process Self-Assessment Regional Peer Reviews
, , ,	07/15/16 (16-016)
0308	Reactor Oversight Process (ROP) Basis Document 09/04/14 (14-020)
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)
, —	

Issue Date: 09/30/16 1 TABLE OF CONTENTS

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.

- 0308, Att 3 Technical Basis for Significance Determination Process 06/16/16 (16-013)
- 0308, Att 3, App A Technical Basis for At Power Significance Determination 06/19/12 (12-010)
- 0308, Att 3, App B Technical Basis for Emergency Preparedness Significance Determination Process 12/19/12 (12-029)
- 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 E Technical Basis for the Baseline Security Significance Determination Process 07/27/12 (12-016)
- 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 07/06/11 (11-011)
- 0308, Att 3, App K Technical Basis for Maintenance Risk Assessment and Risk Management SDP 05/19/05 (05-014)
- 0308 Att 3 App L Technical Basis for the B.5.b Significance Determination Process 05/09/14 (14-011)
- 0308 Att 3 App M Technical Basis for the Significance Determination Process (SDP)
 Using Qualitative Criteria 06/11/14 (14-012)
- 0308 Att 3 App N RESERVED for Technical Basis for the Spent Fuel Pool Significance Determination Process
- 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 Basis Document for the Security Cornerstone of the Reactor Oversight Process 09/08/09 (09-021)
- 0309 Reactive Inspection Decision Basis for Reactors 10/28/11 (11-023)
- O310 Aspects Within the Cross-Cutting Areas 12/04/14 (14-029)
- O312 Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023)
- Operating Reactor Security Assessment Program 06/13/12 (12-009)
- O321 Reserved for Operability Determinations & Functionality Assessments of Conditions Adverse To Quality or Safety
- Operability Determinations and Functionality Assessments for Conditions Adverse to Quality or Safety 12/03/15 (15-028)
- O330 Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)
- Issue Date: 09/30/16 2

0350	Oversight of Operating Reactor Facilities in a Shutdown Condition
	With Performance Problems 12/15/06 (06-035)
0351	Now IMC 0375
0375	Implementation of the Reactor Oversight Process at Reactor Facilities in an Extended Shutdown Condition for Reasons Not Related to
	an Extended Shatdown Condition for Reasons Not Related to
	Performance 11/13/15 (15-024)

0400 Enforcement Policy

0410	Notices of Enforcement Discretion
	03/13/13 (13-009)
0440 4	D I NOED I ' D I '

0410, App A Reserved for NOEDs during a Pandemic

0500 <u>Tracking Systems</u>

0600 <u>Documentation of Program Findings</u>

0608	Performance Indicator Program 09/26/12 (12-022)
0609	Significance Determination Process 04/29/15 (15-008)
0609.01	Significance and Enforcement Review Panel Process 04/29/15 (15-008)
0609.02	Process for Appealing NRC Characterization of Inspection
	Findings (SDP Appeal Process) 06/08/11 (11-010)
0609.03	Senior Reactor Analyst (SRA) and Risk Analyst Support Expectations
	04/29/15 (15-008)
0609.04	Phase 1 - Initial Screening and Characterization of Findings
	06/19/12 (12-010)
0609, App A	Determining the Significance of Reactor Inspection Findings for At-
	Power Situations 06/19/12 (12-010)
0609, App B	Emergency Preparedness Significance Determination Process
	09/22/15 (15-017)
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	
	Power Reactors 10/08/15 (15-019)
0609, App E	Part I Baseline Security Significance Determination Process for
	Power Reactors 09/30/16 (16-024)
0609, App E	Part II Force-on-Force Significance Determination Process
	01/15/14 (14-001)
0609, App E(P)Part III Construction Fitness-for-Duty Significance Determination Pro	
	- Pilot 09/19/12 (12-021)
0609, App E	Part IV Cyber Security Significance Determination Process for Power
	Reactors 01/24/13 (13-003)

- 0609, App F Fire Protection Significance Determination Process 09/20/13 (13-02)
- 0609, App F, Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 09/20/13 (13-022)
- 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 05/09/14 (14-011)
- 0609, App G, Att 1 Shutdown Operations Significance Determination Process
 Phase 1 Operational Checklists for Both PWRs and BWRs
 05/09/14 (14-011)
- 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] 12/06/11 (11-040)
- 0609, App J Technical Basis for Steam Generator Tube Integrity Findings 07/06/11 (11-011)
- 0609, App K Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)
- 0609, App L B.5.b Significance Determination Process 12/24/09 (09-032)
- 0609, App M Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036)
- 0609 App N RESERVED SDP for ISFSI at Operating Plants
- 0609 App O RESERVED SDP for Mitigating Strategies and FLEX
- 0610 Inspection Reports 05/18/04 (04-014)
- O612 Power Reactor Inspection Reports 05/06/16 (16-012)
- 0612, Exh 1 Standard Reactor Inspection Report 02/07/14 (14-005)
- 0612, Exh 2 Inspection Report Documentation Matrix 09/04/14 (14-020)
- 0612, Exh 3 Reserved for Sample Reactor Inspection Report (temporarily suspended pending revision)
- 0612, Exh 4 Inspection Report Cover Letter Templates 07/26/16 (16-018)
- 0612, App A Acronyms Used in IMC 0612 12/04/08 (08-034)
- 0612, App B Issue Screening 09/07/12 (12-020)

		Documentation Guidance for Supplemental Inspections 10/28/11 (11-024) Exh1 Sample Supplemental Inspection Report for IP 95001 and IP 95002		
	0612, App D	10/28/11 (11-024) Guidance for Documenting Inspection Procedure 71152, "Identification and Resolution of Problems" 08/13/13 (13-017)		
	0612, App E 0612, App G	Minor/More-Than-Minor Screening Examples 08/11/09 (09-020) Emergency Planning Cornerstone- Specific Supplemental Guidance for Appendix B Screening Figures 1 and 2 09/09/13 (13-020)		
	0613 0614	Power Reactor Construction Inspection Reports 09/23/14 (14-023) Documenting 10 CFR Part 52 Construction Audit Activities		
	0615	10/03/07 (07-030) Research and Test Reactor Inspection Reports 06/23/04 (04-018)		
	0616 0617	Fuel Cycle Safety and Safeguards Inspection Reports 06/27/16 (16-014) Vendor and Quality Assurance Implementation Inspection Reports 10/03/13 (13-024)		
	0620	Inspection Documents and Records 09/12/11 (11-015)		
0700	Communications with Licensees			
	0730	Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)		
0800	Feedback - Im	proving the Regulatory Process		
	0801 0802	Reactor Oversight Process Feedback Program 08/08/13 (13-016) Reserved for the Part 52 Program		
0900	Reporting of Events/Incidents			
1000	Regional Office Program Interfaces			
	1007	Interfacing Activities between Regional Offices of NRC and OSHA 05/06/16 (16-012)		
1100	Notifications o	of Meetings and Conferences		
	1120	Preliminary Notifications 09/13/13 (13-021)		

1200 <u>Inspector Requirements</u>

1201 1202 1220	Conduct of Employees 07/29/16 (16-019) Senior Resident Inspector Site Turnover 10/31/08 (08-031) 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
1220, App I	Licensees Operating Under 10 CFR 150.20 05/01/03 (03-013) 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)
1220, App III 1230	Inspection of Agreement State Licensees 05/01/03 (03-013) 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 Operating Reactor Programs 01/13/16 (16-002)
1245, Att 1	General Overview of the Inspector Training and Qualification Program 11/24/15 (15-026)
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 Qualification Journal 02/24/16 (16-008)
1245, App B	General Proficiency-Level Training and Qualification Journal 02/24/16 (16-008)
1245, App C1	Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 01/13/16 (16-002)
1245, App C2	Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)
1245, App C3	Health Physics Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09-017)
1245, App C4	Reactor Security Inspector Technical Proficiency Qualification Training and Qualification Journal 11/29/13 (13-027)
1245, App C5	Research and Test Reactor Inspector Technical Proficiency Qualification Journal 07/08/09 (09-017)
1245, App C6	Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09-017)
1245, App C7	Fire Protection Inspector Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)
1245, App C8	Vendor Inspector Technical Proficiency Qualification Journal 12/19/12 (12-029)
1245, App C9	Senior Reactor Analyst Training and Qualification Program 11/24/15 (15-026)
1245, App C10	O Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)
1245, App C1	1 Security Risk Analyst Technical Proficiency Training and Qualification Journal 08/30/13 (13-019)

- 1245, App C12 Safety Culture Assessor Training and Qualification Journal 02/01/16 (16-004)
- 1245, App C13 Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016)
- 1245, App C14 Cyber Security Inspector Technical Proficiency Training and Qualification Journal 08/03/15 (15-014)
- 1245, App C15 RESERVED RTR Training Qual
- 1245, App D1 Maintaining Qualifications 11/24/15 (15-026)
- 1245, App D2 Inservice Inspection Advanced-Level Training 10/21/15 (15-020)
- 1245, App D3 Fire Protection Advanced-Level Training 12/19/12 (12-029)
- 1245, App D4 Advanced Electrical Inspector Technical Proficiency Training and Qualification Journal 12/29/11 (11-044)
- Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 10/26/11 (11-022)
- 1246, App A Training Activities 10/26/11 (11-022)
- 1246, App B1 Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Reviewer 10/26/11 (11-022)
- 1246, App B2 Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Inspector 10/26/11 (11-022)
- 1246, App B3 Training Requirements and Qualification Journal for Independent Spent Fuel Storage Installation Inspector 11/07/11 (11-028)
- 1246, App B4 Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016)
- 1246, App C1 Training Requirements and Qualification Journal for Fuel Cycle License Reviewer 10/26/11 (11-022)
- 1246, App C2 Training Requirements and Qualification Journal for Fuel Cycle Project Manager 10/26/11 (11-022)
- 1246, App C3 Training Requirements and Qualification Journal for Material Control and Accounting License Reviewer 10/26/11 (11-022)
- 1246, App C4 Training Requirements and Qualification Journal for Fuel Cycle Safeguards Physical Security Inspector 10/26/11 (11-022)
- 1246, App C5 Training Requirements and Qualification Journal for International Safeguards Analysts, Nuclear Materials Management and Safeguards System (NMMSS) Analysts, and Import/Export Analysts 06/27/16 (16-014)
- 1246, App D1 Training Requirements and Qualification Journal for High Level Waste Repository License Technical Reviewer 10/26/11 (11-022)
- 1246, App D2 Training Requirements and Qualification Journal for High Level Waste Repository Inspector 10/26/11 (11-022)
- 1247 Qualification Program for Fuel Facility Inspectors in the Nuclear Material Safety and Safeguards Program Area 10/28/14 (14-026)
- 1247, App A Basic-Level Training and Certification Journal Fuel Facility Inspector 06/27/14 (14-014)
- 1247, App B General Proficiency-Level Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C1 Fuel Facility Operations Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)

- 1247, App C2 Fuel Facility Health Physics Inspector Technical Proficiency Training and Qualification Journal 06/20/2014 (14-013)
- 1247, App C3 Fuel Facility Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C5 Fuel Facility Material Control & Accounting Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C6 Fuel Facility Nuclear Criticality Safety Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App D RESERVED for Advanced and Specialized Training Courses and Qualification Programs
- 1247, App D1 Fuel Facility Information Security Inspector Specialized Qualification Program Training and Qualification Journal 10/28/14 (14-026)
- Formal Qualification Programs for Federal and State Materials and Environmental Management Programs 04/19/13 (13-011)
- 1248, App A Materials Health Physics License Review Qualification Journal 04/19/13 (13-011)
- 1248, App B Materials Health Physics Inspector Qualification Journal 04/19/13 (13-011)
- 1248, App C Training Requirements and Qualification Journal for Materials Exempt Distribution License Reviewer 04/19/13 (13-011)
- 1248, App D Training Requirements and Qualification Journal for Byproduct Material Sealed Source and Device Reviewer 04/19/13 (13-011)
- 1248, App E Training Requirements and Qualification Journal for Division of Waste Management Inspector and License Reviewer 04/19/13 (13-011)
- 1248, App F Training Requirements and Qualification Journal for Decommissioning Inspectors 04/19/13 (13-011)
- 1248, App G Training Requirements and Qualification Journal for Decommissioning Project Managers and Technical Reviewers 01/13/16 (16-002)
- 1248, App H Training Requirements and Qualification Journal for Uranium Recovery Inspector 04/19/13 (13-011)
- 1248, App I Training Requirements and Qualification Journal for Uranium Recovery Project Manager/Technical Reviewer 04/19/13 (13-011)
- 1248 App J RESERVED
- 1248 App K Low-Level Waste Project Manager Qualification Journal 06/27/16 (16-014)
- 1248 App L Performance Assessment Technical Reviewer Qualification Journal 06/27/16 (16-014)
- 1252 Construction Inspector Training and Qualification Program 04/25/11 (11-007)
- 1252, App A Construction Inspector Basic-Level Training and Certification Journal 04/25/11 (11-007)
- 1252, App B Construction Inspector General Proficiency-Level Training and Qualification Journal 04/25/11 (11-007)
- 1252, App C Construction Inspector Post Qualification Requirements, Continuing and Refresher Training 04/25/11 (11-007))

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)	
	1304	Reserved for Independent Split Sampling Program for Residual Radioactivity	
	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 P	<u>reparedness</u>	
	1601	Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 08/27/13 (13-018)	
1700	Reserved		
1800	Reserved		
1900	Reserved		
2000	Reserved		
2100	Reserved		

2200 <u>Nuclear Security and Incident Response</u>

Security Inspection Program for Construction 09/07/12 (12-020)			
2200, App A	Security Construction Inspection Program 09/07/12 (12-020)		
2201 Security Inspection Program for Commercial Nuclear Power Reactors			
09/22/15 (15-017)			
2201, App A	Security Baseline Inspection Program 09/22/15 (15-017)		
2201, App B	Supplemental Inspection Program 09/22/15 (15-017)		
2201, App C	Generic, Special, and Infrequent Inspections 09/22/15 (15-017)		
2201, App D	Facility Status Reviews for Security and Safeguards Inspection Program		
	09/22/15 (15-017)		
2201/003	Reserved for Fitness for Duty Part 26 Subpart K		
2201/004	Inspection of Implementation of Interim Cyber Security Milestones 1-7		
	12/22/14 (14-031)		
2201/005	Inspection of TVA WB1, Implementation of the Cyber Security Program		
	Required by 10 CFR 73.54 and 10 CFR 73.55 07/03/14 (14-015)		
2202	Security Inspection Program for Decommissioning Reactors		
	08/27/14 (14-019)		
2202, App A	Security Core Inspection Program 08/27/14 (14-019)		
2202, App B	Security Discretionary Inspection Program 10/06/14 (14-023)		

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)

2500 Reactor Inspection Program

2500	Reactor Inspection Program 11/06/86 (reactivated 09-020)
2500/16	Inspection to determine if a Potential Seismic Interaction Exists Between
	the Movable In-Core Flux Mapping System and Seal Table at
	Westinghouse Designed Facilities or Facilities with Similar Designs
	06/13/86 (reactivated 09-015)
2500/19	Inspection of Licensee's Actions Taken to Implement Unresolved Safety
	Issue A-26: Reactor Vessel Pressure Transient Protection for Pressurized
	Water Reactors 11/14/86 (reactivated 09-015)
2500/020,	Inspection to Determine Compliance with ATWS Rule, 10 CFR
Rev. 2	50.62 08/06/03 (reactivated 09-015)

Issue Date: 09/30/16 10 TABLE OF CONTENTS

2500/26	Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener Testing to Determine Conformance with Applicable Material Specifications 11/20/87 (reactivated 09-025)
2500/27	Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener Testing to Determine Conformance with Applicable Material Specifications 05/22/89 (reactivated 09-025)
2501	Construction Inspection Program: Early Site Permit (ESP) 06/06/13 (13-013)
2502	Construction Inspection Program: Pre-Combined License (Pre-COL) Phase 12/13/10 (10-026)
2503	Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 07/05/12 (12-012)
2504	Construction Inspection Program: Inspections of Construction and Operational Programs 10/24/12 (12-025)
2505	Periodic Assessment of Construction Inspection Program Results 10/15/14 (14-024)
2506	Construction Reactor Oversight Process General Guidance and Basis Document 03/16/15 (15-004)
2507	Construction Inspection Program: Vendor Inspections 10/03/13 (13-024)
2508	Construction Inspection Program: Design Certification 09/06/16 (16-022)
2512	Light Water Reactor Inspection Program - Construction Phase 12/17/86 (reactivated 07-032)
2512/007,	Regional Construction Assessment Team Inspections 01/27/84
Rev. 2	(reactivated 08-004)
2512/015	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
2512/028	Corrective Action Program Plan 07/13/92 (reactivated 08-004) 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 2515	Startup Test Program Inspection Procedures 04/15/94 (94-018) Light Water Inspection Program - Operations Phase 02/01/16 (16-004)
2515, App A	Risk-Informed Baseline Inspection Program 03/08/13 (13-008)
2515, App B	Supplemental Inspection Program 12/18/15 (15-031)

 2515, App D 2515, App E 2515, App F 2515, App F 2515, App G Plant Status 04/27/16 (16-011) Inspection Program Modifications during a Pandemic 01/26/07 (07-004) Reactor Construction Activities near Operating Unit(s) 06/02/11 (11-009) Baseline Inspection Guidance for Power Reactors Preparing for 	
2515, App F Reactor Construction Activities near Operating Unit(s) 06/02/11 (11-009)	
2515, App G Baseline Inspection Guidance for Power Reactors Preparing for)
Transition to Decommissioning Phase 02/01/16 (16-004) 2515/028 Inspection Requirements to Review Licensee Actions Taken in Response	_
2515/028 Inspection Requirements to Review Licensee Actions Taken in Response to IE Bulletin 79-02, Revision No. 07/01/79 (reactivated 09-015)	е
2515/029 Inspection Requirements for IEB 79-14 09/14/79 (reactivated 09-015)	
2515/030 Inspection Requirements To Review PWR Licensee Actions Taken in	
Response to IE Bulletin No. 79-21 09/14/79 (reactivated 09-015)	
2515/037 Inspection Requirements To Review Licensee Actions Taken in	
Response to IE Bulletin 80-11, Masonry Wall Design 07/03/80 (reactivated 09-015)	
2515/064, Near-Term Inspection Followup to Generic Letter 83-28 04/04/85	
Rev. 1 (reactivated 09-015)	
2515/065, TMI Action Plan Requirement Followup 07/10/90	
Rev. 2 (reactivated 09-015)	
2515/066 Inspection Requirements for IE Bulletin 84-03, 'Refueling Cavity Water	
Seals 12/17/84 (reactivated 09-015) 2515/069 Inspection of Response to IE Bulletin 85-01 12/20/85 (reactivated 09-015)	۲,
2515/069 Inspection of Response to IE Bulletin 85-01 12/20/85 (reactivated 09-015 2515/071 Inspection of Licensees' Actions in Response to IE Bulletin 82-02	וכ
12/20/85 (reactivated 09-015)	
2515/072 Inspection of Response to IE Bulletin 85-02 12/20/85 (reactivated 09-015	5)
2515/087 Inspection of Licensee's Implementation of Multiplant Action A-17:	•
Instrumentation for Nuclear Power Plants To Access Plant and Environs	
Conditions During and Following an Accident (Regulatory Guide 1.97)	
09/17/90 (reactivated 09-015) 2515/088 Inspection of Licensee's Actions Taken to Implement NRC Guidelines for	r
Protection from Flooding of Equipment Important to Safety 04/06/87	ı
(reactivated 09-015)	
2515/091 Inspection Followup to Generic Letter 83-28, Item 4.1 04/06/87	
(reactivated 09-015)	
2515/101 Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f	f)
(reactivated 09-015) 2515/103 Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f	F۱
2515/103 Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f – Programmed Enhancements (Long Term) Review 12/18/89)
(reactivated 09-015)	
2515/105 Inspection of Licensee Activities in Reference to NRC Bulletin 88-04 –	
Potential Safety-Related Pump Loss 05/14/90	
(reactivated 09-015)	
2515/107 Electrical Distribution System Functional Inspection (EDSFI) 10/19/90	
(reactivated 09-015) 2515/109, Inspection Requirements for Generic Letter 89-10, Safety-Related	
Rev. 4 Motor-Operated Valve Testing and Surveillance 07/23/98	
(reactivated 09-015)	
2515/110, Performance of Safety-Related Check Valves 11/15/93	
Rev.1 (reactivated 09-015)	

2515/111	Electrical Distribution System Followup Inspection 08/06/03 (reactivated 09-015)
2515/113	Reliable Decay Heat Removal During Outages 11/18/91 (reactivated 09-015)
2515/114	Inspection Requirements for Generic Letter 89-04, Acceptable Inservice Testing Programs 01/15/92 (reactivated 09-015)
2515/118,	Service Water System Operational Performance Inspection
Rev. 2	(SWSOPI) 03/17/95 (reactivated 09-015)
2515/120	Inspection of Implementation of Station Blackout Rule Multi-plant Action Item A-22 09/24/93 (reactivated 09-015)
2515/139	Inspection of Licensee's Implementation of Generic Letter 96-01 - Testing of Safety Related Logic Circuits 07/23/98 (reactivated 09-015)
2515/140	Periodic Verification of Design-Basis Capability of Safety-Related Motor- Operated Valves (GL 96-05) 09/29/98 (reactivated 09-015)
2515/142	Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02) 06/18/99 (reactivated 09-015)
2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01 (reactivated 09-015)
2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles
	(NRC Rev. 1 Bulletin 2003-02) 11/15/03 (reactivated 09-015)
2515/153,	Reactor Containment Sump Blockage (NRC Bulletin 2003-01)
Rev. 1	02/18/05 (reactivated 09-015)
2515/160	Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01) 10/06/04 (reactivated 09-015)
2515/165	Operational Readiness of Offsite Power and Impact on Plant Risk 03/03/06 (reactivated 09-025)
2515/176	Emergency Diesel Generator Technical Specification Surveillance
	Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2515/179	Verification of Licensee Responses To NRC Requirement
Rev. 1	for Inventories of Materials Tracked in the National Source Tracking
	System Pursuant to Title 10, Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 05/27/10 (10-014)
2515/190	Inspection of Licensee's Proposed Interim Actions as a Result of the
	Near-Term Task Force Recommendation 2.1 – Flooding Evaluation 09/04/15 (15-016)
2515/191	Inspection of the Implementation of Mitigation Strategies and Spent Fuel
	Pool Instrumentation Orders and Emergency Preparedness
	Communication/Staffing/Multi-Unit Dose Assessment Plans 12/23/15 (15-032)
2515/192	RESERVED Interim Actions Associated with and Open Phase Condition (OPC)
2516	Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)
2517	Watts Bar Unit 2 Construction Inspection Program 06/06/13 (13-013)
2518	Reserved for Construction Inspection Program: Advanced Reactors, Pre Construction Permit (CP)
2519	Construction Significance Determination Process 07/15/13 (13-015)

2522	Construction Reactor Oversight Process Self-Assessment Program 07/28/14 (14-017)
2522, App A	Construction Reactor Oversight Process Self-Assessment Metrics 11/30/12 (12-027)
2523	NRC Application of the Reactor Operating Experience Program in NRC Oversight Processes 06/19/13 (13-014)
2530	Integrated Design Inspection Program 04/24/85 (reactivated 10-006)
2535	Design Verification Programs 03/24/89 (reactivated 10-006)
2545	Research and Test Reactor Inspection Program 06/23/04 (04-018)
2550	Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50: Construction Inspection Program (CIP) 12/14/15 (15-029)
2561	Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection
2600, App A 2600, App B 2600, App C 2600, App D 2600/016	Program 09/24/15 (15-018) Guidance for Conducting Fuel Cycle Inspections 09/24/15 (15-018) NRC Core Inspection Requirements, Tables 1 and 2 09/24/15 (15-018) Fuel Cycle Resident Inspection Program 09/24/15 (15-018) Fuel Cycle Facility Inspection Planning 09/24/15 (15-018) Inspection of Activities Associated with NRC Generic Letter 2015-01 12/17/15 (15-030)
2601	Reactive Inspection Decision Making Process for Fuel Facilities 09/20/16 (16-023)
2602	Decommissioning Oversight and Inspection Program for Fuel Cycle Facilities and Materials Licensees 07/29/08 (08-021)
2603	Reserved for Fuel Cycle Facility Construction Inspection Program Assessment
2604	Licensee Performance Review 09/20/16 (16-023)
2606	Assessment of the Change in Risk Resulting From a Violation at a Fuel Cycle Facility 04/01/16 (16-010)
2606, E-2	Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022)
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 09/20/16 (16-023)
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 06/27/14 (14-014)
2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
2683	MC&A Safeguards Inspection of Fuel Facilities 05/09/14 (14-011)

2689/009	Inspection Guidance and Requirements for Physical Protection of the Transfer, Loading and Shipment of Irradiated Special Nuclear Material
	from General Atomics Facility, San Diego, California to U.S. Department
	of Energy, Idaho National Laboratory, Scoville, Idaho 08/12/10
	(10-017)
2690	Inspection Program for Dry Storage of Spent Reactor Fuel at Independent
	Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation
	Packagings 03/09/12 (12-004)
2694	USEC Inc. Gas Centrifuge Facility Construction and Pre-operational
	Readiness Review Inspection Programs 12/17/15 (15-030)
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>

2800 <u>Materials Inspection Program</u>

2800	Materials Inspection Program 11/15/10 (10-023) Verification of the Status of Devices Authorized For Use
2800/030	Under a General License 05/30/00 (00-011)
2800/032	Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)
2800/036	Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024)
2800/037	Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019)
2800/038	Inspection of the Implementation of Increased Controls for Licensees Authorized to Possess Risk Significant Radioactive Material 03/30/06 (06-008)
2800/039	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10 Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 04/09/09 (09-011)
2800/040	Material Control and Accounting at Nuclear Power Plants and Wet Storage Sites 03/07/11 (11-002)
2800/041	10 CFR Part 37 Materials Security Review at Facilities with a Title 10 Code of Federal Regulations Part 73 Physical Protection Program 07/01/15 (15-013)
2800/042	Evaluation of Trustworthiness and Reliability Determinations 11/25/15 (15-027)
2800/043	RESERVED for Inspection of Facilities Potentially Contaminated with Discrete Radium-226 Sources
2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Oversight and Inspection Program 10/11/12 (12-023)
2815	Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)

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) 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 3300 Reserved 3400 Reserved 3500 Quality Assurance Early Site Permit Pre-Docketing Quality Assurance Controls 35002 Meeting 05/29/03 (03-018) Pre-Docketing Early Site Permit Quality Assurance Controls 35004 Inspection 05/29/03 (03-018) Post-Docketing Early Site Permit Quality Assurance Controls 35006 Inspection 05/29/03 (03-018) 35007 Quality Assurance Program Implementation During Construction and Pre-Construction Activities 02/26/14 (14-006) Early Site Permit Quality Assurance Controls Assessment and 35012 Conclusion 05/29/03 (03-018) Quality Assurance Implementation Inspection 07/29/08 (08-021) 35017 Reserved for Design Reliability Assurance Program 35023 35031 Reserved for Design Certification Pre-Meeting Reserved for Pre-Docketing Design Certification Quality Assurance 35032 Controls Inspection

Transfer of NRC License Files to Agreement State(s)

2882

35033	Reserved for Post-Docketing Design Certification Quality Assurance Controls Inspection
35034	Design Certification Testing Inspection 01/27/10 (10-003)
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)
35101	QA Program Implementation Inspection for Operational Programs
	07/08/16 (16-015)
35301	Preoperational Testing - Quality Assurance 08/06/03 (03-028)
35501	QA for the Startup Test Program 01/20/84 (84-04)
35701	Quality Assurance Program Review 09/17/01 (01-017)
35710	Reserved for Quality Assurance Inspection of Digital Computer Software
35750	QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032)
35960	QA Program Evaluation of Engineering Organization 10/01/82
33900	(reactivated 07-034)
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 02/13/12 (12-002)
36100.01	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and
	Noncompliance During Construction 02/13/12 (12-002)
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)
	Reactors 06/11/97 (97-012)

3700 <u>Design, Design Changes, Modifications</u>

37002	Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005)
37051	Verification of As-Builts 12/04/87 (reactivated 07-032)
37055	Onsite Design Activities 04/01/83 (reactivated 07-032)
37060	Inspections under the 10CFR Part 50.69 Special Program
	09/14/11 (11-016)
37301	Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008)
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)
37803	Reserved
37804	Aircraft Impact Assessment Inspection 02/09/12 (12-001)
37805	Engineering Design Verification Inspections 04/25/11 (11-007)

3800 Procurement 3900 Records 39701 Records Program 09/17/01 (01-017) 4000 Review and Audit 40001 Resolution of Employee Concerns 06/03/97 (97-006) 40002 Inspections to Review Allegations 06/28/02 (02-024) Independent Safety Culture Assessment Follow-up 04/09/15 (15-005) 40100 Reserved for Effectiveness of Process to Identify, Resolve, and Prevent 40505 Construction Problems 40600 Licensee Program for Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Management 07/28/14 (14-017) Self-Assessment, Auditing, and Corrective Action at Permanently 40801 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) 41501 Review of Training and Qualification Programs 04/27/16 (16-011) Nuclear Power Plant Simulation Facilities 10/16/12 (12-024) 41502 4200 Procedures 42001 Emergency Operating Procedures 06/28/91 (91-009) 42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004) 42401 Part 52, Plant Procedures 10/27/10 (10-022) Part 52, Operating Procedures Inspection 08/19/08 (08-024) 42453 Part 52, Emergency Operating Procedures 09/09/13 (13-020) 42454 Plant Procedures 11/15/95 (95-015) 42700 4300 Vendor Procedures 43002 Routine Inspections of Nuclear Vendors 07/15/13 (13-015) 43003 Reactive Inspections of Nuclear Vendors 12/14/15 (15-029) 43004 Inspection of Commercial-Grade Dedication Programs 11/29/13 (13-027)

	43006	Assurance Requirements 10/08/15 (15-019) RESERVED for Inspection of the Implementation of Mitigation Strategies Orders Regarding the Use of National Response Centers
4400	Reserved	
4500	Geotechnical/	Foundation
	45051 45051.A 45052 45053 45055	Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018) Geotechnical/Foundation Activities Procedure Review 03/23/84 (reactivated 08-004) Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030) Geotechnical/Foundation Activities Work Observation 03/23/84 (reactivated 07-034) Geotechnical/Foundation Activities Record Review 03/23/84 (reactivated 07-034)
4600	Structural Cor	ncrete_
	46051 46053 46055 46061 46071	Structural Concrete Procedure Review 07/01/83 (reactivated 07-034) Structural Concrete Work Observation 07/01/83 (reactivated 07-034) Structural Concrete Record Review 07/01/83 (reactivated 07-034) Structural Masonry Construction 12/17/86 (reactivated 07-034) Concrete Expansion Anchors 12/17/86 (reactivated 07-034)
4700	Containment	(Post-Tensioning)
4800	Structural Ste	el 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	<u>Piping</u>	
	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)

5000 Mechanical Components and Equipment

50001	Steam Generator Replacement Inspection 11/08/11 (11-031)
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 (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 <u>Electrical Components and Systems</u>

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	Equipment Qualification 11/07/11 (11-029)

5200	Instrumentation Systems and Components	
	52003	Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
	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	<u>Penetrations</u>
	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 55093	Nuclear Welding General Inspection Procedure 06/20/83 (83-06) Reactor Vessels Internals (Welding) Observation of Welding and Associated Activities 07/01/7 (reactivated 07-034)
	55100 55150	Structural Welding General Inspection Procedure 06/20/83 (83-06) Weld Verification Checklist 06/20/83 (reactivated 07-034)
5600	<u>Calibration</u>	
	56700	Calibration 03/23/05 (05-008)
5700	Nondestructiv	ve Examination, Destructive Examination and Fabrication Testing
	57050 57060 57070 57080 57090	Visual Testing Examination 03/09/99 (99-003) Liquid Penetrant Testing Examination 03/09/99 (99-003) Magnetic Particle Testing Examination 03/09/99 (99-003) Ultrasonic Testing Examination 03/09/99 (99-003) 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

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)
60715	Spent Fuel Safety at Operating Reactors 10/30/15 (15-022)
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors
	08/11/97 (16-001)
60845	Operation of Intra-Unit Fuel Transfer Canister and Cask System
	04/26/12 (12-007)
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)
60859	Reserved for Welding Verification Checklist for Transportation and ISFSI
	Components
60860	Reserved for Nondestructive Examination Procedure Visual Examination
	Procedure Review/Work Observation/Record Review of Transportation
	and ISFSI Components
60861	Reserved for Nondestructive Examination Procedure Liquid Penetrant
	Examination Procedure Review/Work Observation/Record Review of
	Transportation ISFSI Components
60862	Reserved for Nondestructive Examination Procedure Magnetic Particle
	Examination Procedure Review/Work Observation/Record Review of
	Transportation ISFSI Components
60863	Reserved for Nondestructive Examination Procedure Ultrasonic
	Examination Procedure Review/Work Observation/Record Review
60864	Reserved for Nondestructive Examination Procedure Radiographic
	Examination Procedure Review/Work Observation/Record Review of
	Transportation and ISFSI Components

Issue Date: 09/30/16 23 TABLE OF CONTENTS

6100	Surveillance	
	61705 61706 61707 61708 61709 61710 61715 61720 61726 61728	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25) Core Thermal Power Evaluation 07/14/86 (86-36) Determination of Reactor Shutdown Margin 10/11/85 (85-31) Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31) Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36) Control Rod Worth Measurements (PWR) 10/11/85 (85-31) Verification of Containment Integrity 12/23/86 (86-60) Containment Local Leak Rate Testing 10/03/85 (85-30) Surveillance Observations 06/24/98 (98-010) Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)
6200	<u>Maintenance</u>	
	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)
	62708 62709	Motor-Operated Valve Capability 10/23/13 (13-026) Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
	62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding 04/30/10 (10-013)
	62711	Reserved for Operational Reliability Assurance Process
	62712 62801	Part 52, Maintenance Rule 08/13/13 (13-017) Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)
6300	Construction 7	<u>Festing</u>
	63050	Containment Structural Integrity Test 07/01/83 (reactivated 07-034)
6400	Fire Prevention	n/Protection
	64051	Procedures – Fire Prevention/Protection 07/01/79 (reactivated 07-034)
	64053	Fire Loop Installation 07/01/79 (reactivated 07-034)

64100	Postfire Safe Shutdown, Emergency Lighting and Oil Collection Capability at Operating and Near-Term Operating Reactor Facilities 03/16/87
	(reactivated 10-009)
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 08/13/13 (13-017)
65001.01 65001.02	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010) Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03 65001.04	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024) Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
65001.06	Inspection of ITAAC-Related Installation o Mechanical Components 01/27/15 (15-001)
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)
65001.09	Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)
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)
65001.13	Inspection of ITAAC-Related Installation of Load Handling Equipment and Fuel Racks 08/05/09 (09-019)
65001.14	Inspection of ITAAC-Related Installation of Complex Systems with Multiple Components 06/24/15 (15-012)
65001.15	Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)
65001.16	Inspection of ITAAC-Related Engineering 06/20/14 (14-013)
65001.17	Inspection of ITAAC-Related Security Structures, Systems, and Components 10/15/09 (09-024)
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)

Issue Date: 09/30/16 25 TABLE OF CONTENTS

	65001.20	Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC 06/02/11 (11-009)
	65001.21	Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029)
	65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
	65001.23	Inspection of Human Factors Engineering Integrated System Validation ITAAC 12/22/14 (14-031)
	65001.23, App	A Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 12/22/14 (14-031)
	65001.A	ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
	65001.B	Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023)
	65001.C	Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010)
	65001.D	Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011)
	65001.E 65001.F	Inspection of the ITAAC-Related Qualification Program 06/20/14 (14-013) Inspection of the ITAAC-Related Design and Fabrication Requirements 09/20/13 (13-022)
	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 69006	Class I Research and Test Reactor Experiments 02/03/04 (04-004) 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)
69020	Inspections of Safety-Related Items (and Services) During Construction
	of Non-Power Production and Utilization Facilities 12/14/15 (15-029)
69021	Inspections of Quality Assurance Program Implementation During
	Construction of Non-Power Production and Utilization Facilities
	12/14/15 (15-029)
69022	Inspections of Operational Readiness During Construction of Non-Power
	Production and Utilization Facilities 12/14/15 (15-029)

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)
70306	Loss of Offsite Power Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
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)
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)
70331	Vibration Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70332	Control Rod System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70333	Chemical Control System Test - Preoperation Test Procedure Review 01/01/79 (reactivated 09-003)
70334	Engineered Safety Features Act. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70335	Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70336	Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003)
70337	Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)
70338	Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70339	Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)
70340	D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70341	Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)
70342	Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70344	Containment Isolation Vales Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70345	Containment Heat/Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70346	Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70347	Pressurizer and Level Control System Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70348	Main Feedwater Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70349	Reactor Coolant Leak Detection System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)

70350	Loose Parts Monitoring System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70351	Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70352	Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70353	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70354	Nuclear Instrumentation System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70355	Compressed Gas System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70362	Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032)
70367	Inspection of Pre-operational Test Program 01/15/14 (14-001)
70368	Part 52 Containment Leak Rate Testing (Programmatic) 11/07/11 (11-029)
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
70400	(reactivated 08-032)
70431	Vibration Test - Preoperational Test Witnessing 01/01/79
70451	(reactivated 09-003)
70432	Control Rod System Test - Preoperational Test Witnessing 01/01/79
10432	(reactivated 09-003)
70433	Chemical Control System Test - Preoperational Test Witnessing 01/01/79
70433	(reactivated 09-003)
70424	'
70434	Engineered Safety Features Act. System Test - Preoperational Test
70425	Witnessing 01/01/79 (reactivated 09-003)
70435	Safety and Relief Valves Test - Preoperational Test Witnessing 01/01/79
70426	(reactivated 09-003)
70436	Residual / Decay Heat Removal System Test - Preoperational Test
70427	Witnessing 01/01/79 (reactivated 09-003)
70437	Main Stream Isolation Valve Test - Preoperational Test Witnessing
70400	01/01/79 (reactivated 09-003)
70438	Auxiliary Feedwater System Test - Preoperational Test Witnessing
70.400	01/01/79 (reactivated 09-003)
70439	Component Cooling Water System Test - Preoperational Test Witnessing
-0.4.40	01/01/79 (reactivated 09-003)
70440	D.C. Power System Test - Preoperational Test Witnessing 01/01/79
	(reactivated 09-003)
70441	Emergency / Standby Power Supply System Test - Preoperational Test
	Witnessing 01/01/79 (reactivated 09-003)
70442	Containment Combustible Gas Control System Test - Preoperational Test
	Witnessing 01/01/79 (reactivated 09-003)

70443	Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70444	Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70445	Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70446	Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/22/09 (09-003)
70447	Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70448	Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70449	Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70450	Loose Parts Monitoring System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70451	Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70452	Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70453	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70454	Nuclear Instrumentation System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70455	Compressed Gas System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70462	Reactor Coolant System Hydrostatic Test - Test Witnessing 08/13/14 14-018
70562	Reactor Coolant System Hydrostatic Test Results Evaluation 08/13/14 14-018
70701	Reserved
70702	Inspection of Preoperational Test Performance 01/15/14 (14-001)

7100 Operations (License & TS Requirements)

71002	License Renewal Inspection 11/23/11 (11-038)
71003	Post-Approval Site Inspection for License Renewal 07/08/16 (16-015)
71004	Power Uprate 05/21/15 (15-010)
71007	Reactor Vessel Head Replacement Inspection 06/04/07 (07-018)
71013	Site Inspections at Plants with Timely Renewal Applications
	09/25/13 (13-023)
71111	Reactor Safety-Initiating Events, Mitigating Systems,
	Barrier Integrity 10/28/11 (11-025)
71111.01	Adverse Weather Protection 09/04/15 (15-016)
71111.04	Equipment Alignment 09/24/14 (14-022)
71111.05AQ	Fire Protection (Annual / Quarterly) 09/30/10 (10-020)

71111.05T	Fire Protection (Triennial) 01/31/13 (13-004)
71111.05XT	Fire Protection - NFPA 805 (Triennial) 01/31/13 (13-004)
71111.06	Flood Protection Measures 11/25/15 (15-027)
71111.07	Heat Sink Performance 07/06/10 (10-015)
71111.08	In-service Inspection Activities 11/13/14 (14-027)
71111.11	Licensed Operator Requalification Program 09/24/14 (14-022)
71111.12	Maintenance Effectiveness 02/03/16 (16-005)
71111.13	Maintenance Risk Assessments and Emergent Work Control
	02/03/16 (16-005)
71111.15	Operability Determinations and Functionality Assessments
	14-030 (12/17/14)
71111.17T	Evaluations of Changes, Tests, and Experiments and Permanent Plant
	Modifications 11/13/15 (15-024)
71111.18	Plant Modifications 11/13/15 (15-024)
71111.19	Post Maintenance Testing 09/24/14 (14-022)
71111.20	Refueling and Other Outage Activities 01/27/15 (15-001)
71111.21	Component Design Bases Inspection 11/29/13 (13-027)
71111.21M	Component Design Bases Inspection (Teams) 11/24/15 (15-026)
71111.21N	Component Design Bases Inspection (Programs) 02/17/16 (16-006)
71111.22	Surveillance Testing 06/15/15 (15-011)
71113	Reserved for Review of License Renewal Commitments for Plants in
	Timely Renewal
71114	Reactor Safety-Emergency Preparedness 05/29/12 (12-008)
71114.01	Exercise Evaluation 07/21/16 (16-017)
71114.02	Alert and Notification System Evaluation 07/21/16 (16-017)
71114.03	Emergency Response Organization Staffing and Augmentation System 07/21/16 (16-017)
71114.04	Emergency Action Level and Emergency Plan Changes
	07/21/16 (16-017)
71114.05	Maintenance of Emergency Preparedness 07/21/16 (16-017))
71114.06	Drill Evaluation 07/21/16 (16-017)
71114.07	Exercise Evaluation-Hostile Action (HA) Event 07/21/16 (16-017)
71114.08	Exercise Evaluation-Scenario Review 07/21/16 (16-017)
71124	Radiation Safety - Public and Occupational 12/02/09 (09-030)
71124.01	Radiological Hazard Assessment and Exposure Controls
	02/19/16 (16-007)
71124.02	Occupational ALARA Planning and Controls 03/02/16 (16-009)
71124.03	In-Plant Airborne Radioactivity Control and Mitigation 02/24/16 (16-008)
71124.04	Occupational Dose Assessment 02/19/16 (16-007)
71124.05	Radiation Monitoring Instrumentation 04/01/16 (16-010)
71124.06	Radioactive Gaseous and Liquid Effluent Treatment 04/01/16 (16-010)
71124.07	Public Radiation Safety 04/01/16 (16-010)
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling,
	Storage, and Transportation 01/26/16 (16-003)
71130	Security 04/20/15 (15-006)
71130.01	Access Authorization 09/30/16 (16-024)

71130.02	Access Control 09/30/16 (16-024)
71130.03	Contingency Response - Force-On-Force Testing 04/20/15 (15-006)
71130.04	Equipment Performance, Testing and Maintenance 09/30/16 (16-024)
71130.05	Protective Strategy Evaluation 09/30/16 (16-024)
71130.06	Protection of Safeguards Information 09/30/16 (16-024)
71130.07	Security Training 09/30/16 (16-024)
71130.08	Fitness for Duty Program 09/30/16 (16-024)
71130.10	Reserved for Information Technology Security
71130.11	Material Control & Accounting (MC&A) 12/10/08 (08-035)
71130.12	Reserved for Physical Protection of Shipments of Irradiated Fuel
71130.13	Reserved for Security Inspections Conducted by Resident Inspectors
71130.14	Review of Power Reactor Target Sets 09/30/16 (16-024)
71150	Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)
71151	Performance Indicator Verification 09/26/12 (12-022)
71152	Problem Identification and Resolution 02/26/15 (15-003)
71153	Follow-up of Events and Notices of Enforcement Discretion
	12/17/15 (15-030)
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	Part 52, Inspection of Startup Test Program 06/24/14 (14-014)
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 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
000 _	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
120105	Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16)
72578B	Power Ascension Test Procedure Review - Evaluation of Core
720705	Performance 07/01/80 (80-16)
72580B	Power Ascension Test Procedure Review - Turbine Trip or Generator Trip
723000	07/01/80 (80-16)
72582B	Power Ascension Test Procedure Review - Loss of Offsite Power
720020	(Group A) 07/01/80 (80-16)
72583B	Power Ascension Test Procedure Review: Shutdown from Outside the
723030	Control Room (Group B) 07/01/80 (80-16)
72584B	Power Ascension Test Procedure Review - Evaluation of
723040	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 Pl01/14/86 (86-03)

7300 <u>In-service Inspection</u>

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 73055 73753 73754 73755 73756 73757 73758	Part 52, Pre-service and In-service Inspection - Review of Program 12/22/14 (14-031) Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034) In-service Inspection 06/24/98 (98-010) Part 52 - Preservice Inspection - Non-Destructive Examination 12/12/13 (13-028) In-service Inspection - Data Review and Evaluation 10/27/10 (10-022) In-service Testing of Pumps and Valves 07/27/95 (95-009) Part 52 In-service Inspection - Data Review and Evaluation 02/07/14 (14-005) Part 52, Functional Design and Qualification, and Preservice and Inservice Testing Programs for Pumps, Valves and Dynamic Restraints 04/19/13 (13-011)
7400	Reserved	
7500	Reserved	
7600	Reserved	
7700	Reserved	
7800	High Level W	<u>aste</u>
	78010	10 CFR Part 21 Program 09/11/08 (08-026)
7900	Water Chemis	<u>stry</u>
	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 79702	Reserved for Part 52 Plant systems Affecting Plant Water Chem. Control and monitoring of Radiological Source Term 04/17/00 (00-006)
8000	Environmenta	al Protection
	80210	Environmental Protection - Initial and Periodic Inspections 06/22/05 (05-016)

34

TABLE OF CONTENTS

Issue Date: 09/30/16

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)
80600	Reserved for Independent Assessment of Site Radiological Conditions
80721	Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81000 81000.01	Security 08/27/13 (13-018) Access Authorization 09/07/12 (12-020)
81000.01	Access Control 09/07/12 (12-020)
81000.02	Performance Evaluation Program 09/07/12 (12-020)
81000.03	Equipment Performance, Testing and Maintenance 09/07/12 (12-020)
81000.05	Protective Strategy Evaluation 01/03/13 (13-001)
81000.07	Security Training 09/07/12 (12-020)
81000.08	Fitness for Duty Operational Program 09/07/12 (12-020)
81000.09	RESERVED for Cyber
81000.10	Security Organization, Management Effectiveness, Program Reviews and
	Audits 09/07/12 (12-020)
81000.11	Material Control and Accounting 09/07/12 (12-020)
81000.14	Review of New Reactor Target Sets 12/19/13 (13-029)
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
31000	Areas & Controlled Access Areas
	7.1000 0. 00.11.01.00 7.10000 7.1000

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
01073	Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019)
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 - (Fower Reactors) – Fackages Reserved for Part 52 Access Control - Vehicles
81078	
81079	Detection Aids - Protected Areas 11/23/09 (09-028) Reserved for Part 52 Detection Aids - Protected Areas
81089	Detection Aids – MAA and CAA 12/22/08 (08-037)
	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
81081	• • •
81084 81085	Alarm Stations 09/10/07 (07-027) Reserved for Part 52 Alarm Stations
81088	Communications 09/10/07 (07-027) Reserved for Part 52 Communications
81089 81120	
01120	Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of
	Concern 04/01/10 (10-010)
	(Note this IP contains safeguards material)
81200	
	Security 08/27/14 (14-019)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors
94200 02	10/21/14 (14-025)
81200.02	Access Control for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.03	Reserved for Decommissioning Force-on-Force Testing
81200.03	Equipment Performance, Testing, and Maintenance for Decommissioning
01200.04	Nuclear Power Reactors 08/27/14 (14-019)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for
61200.05	Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear
61200.00	Power Reactors 08/27/14 (14-019)
81200.07	· ·
01200.07	Security Training for Decommissioning Nuclear Power Reactor
01200 00	10/21/14 (14-025)
81200.08	Reserved for Decommissioning Fitness for Duty Program
81200.10	Reserved for Decommissioning Cyber Security
81200.11	Reserved for Decommissioning Material Control and Accounting
81200.14	Review of Decommissioning Target Sets 01/15/14 (14-001)
81310	Physical Protection of Shipments of Irradiated Fuel
	12/22/08 (08-037)

81311	Physical Security Requirements for Independent Spent Fuel Storage Installations 06/02/11 (11-009)
81335	Physical Protection of Shipments of Special Nuclear Material of Moderate Strategic Significance (SNM-MSS) 12/02/09 (09-029)
81340	Physical Protection of Shipments of Special Nuclear Material of Low Strategic Significance (SNM-LSS) 11/23/09 (09-028)
81360	General Requirements for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)
81365	Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028)
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 11/23/09 (09-028)
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 11/23/09 (09-028)
81431	Fixed Site Physical Protection of Special Nuclear
	Material of Low Strategic Significance 10/24/12 (12-025)
81501	Personnel Training and Qualification - General Requirements 12/02/09 (09-029)
81502	Fitness for Duty Program 12/22/08 (08-037)
81503	Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements
81504	Fitness for Duty Program for Construction 10/15/09 (09-024)
81601	Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)
81602	Reserved for Part 52 Safeguards Contingency Plan - Implementation Review
81700	RESERVED for Materials Security
81700.09	Security Measures for Licensed Facilities 10/26/15 (15-021)
81810	Protection of Safeguards Information 09/10/07 (07-027)
81811	Protection of Safeguards Information By Design Certification Applicants and Vendors 09/06/16 (16-022)
81815	Authorization for Access to National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014)
81820	Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014)

8200 <u>Emergency Planning</u>

82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)
82002	Part 52, Emergency Preparedness Program 14/28/14 (14-026)
82002.01	Facilities and Equipment 11/08/11 (11-030)
82002.02	Procedure Quality 11/08/11 (11-030)

82002.03	Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030)
82002.04	Emergency Preparedness Exercises 11/08/11 (11-030)
82002.05	Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030)
82002.06	Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)
82002.07	Operational Status of the Emergency Preparedness Program 11/08/11 (11-030)
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 Plants 04/24/13 (13-012)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012)
82401	Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020)
82501	Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020)
82701	Operational Status of the Emergency Preparedness Program 04/24/13 (13-012)

8300 Radiation Protection

83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
83311	Reserved for Part 52, Radiation Protection During Construction
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	Part 52 External Occupational Exposure Control and Personal Dosimetry 10/27/10 (10-022)
83534	Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022)
83535	Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 10/27/10 (10-022)
83536	Part 52 Facilities and Equipment 10/27/10 (10-022)
83537	Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022)
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 11/13/14 (14-027)
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 07/26/16 (16-018)
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 <u>Material Control and Accountability</u>

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
00200	One Effective Kilogram of SNM 04/10/85 (85-15)
85203	Management Structure and Controls 08/10/16 (16-020)
85205	Facility Operations and Internal Controls 08/10/16 (16-020)
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)
85303	Material Control and Accounting Management Structure and Personnel
00000	Training and Qualification 08/10/16 (16-020)
85305	Item Monitoring 09/09/10 (10-019)
85307	Process Monitoring 12/21/2010 (10-027)
85309	Measurement Systems and Control 10/20/10 (10-021)
85311	Physical Inventory Program 11/15/10 (10-023)
85313	Alarm Resolution Program 11/15/10 (10-023)
85315	Internal Control 12/21/2010 (10-027)
85401	Management Structure 09/09/10 (10-019)
85402	Measurement Program 10/20/10 (10-021)
85403	Measurement Control Program 10/20/10 (10-021)
85404	Physical Inventory Program for Low Enriched Uranium Fuel Facilities
	11/15/10 (10-023)
85405	Item Control 09/09/10 (10-019)
85406	Resolution Program for Low Enriched Uranium Fuel Facilities 1
	1/15/10 (10-023)
85407	Assessment Program 11/29/10 (10-024)
85408	Recordkeeping 11/29/10 (10-024)
85420	Inspection of IAEA Safeguards for Inspectors at Power
	Reactors 06/22/88 (88-07)
85501	Physical Inventory Program for Uranium Enrichment Facilities
	11/15/10 (10-023)
85502	Detection Program for Uranium Enrichment Facilities 12/21/2010 (10-027)
85503	Resolution Program for Uranium Enrichment Facilities
	11/15/10 (10-023)

Issue Date: 09/30/16 40 TABLE OF CONTENTS

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001	Design, Fabrication, Testing, and Maintenance of
	Transportation Packagings 01/16/08 (08-003)
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

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
07404	07/29/02 (02-029)
87121	Industrial Radiography Programs 12/17/14 (14-030)
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)
87128	Reserved for Exempt Distribution Programs
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
07 101	08/24/11 (11-014)
87132	Brachytherapy Programs 02/26/15 (15-003)
87133	Medical Gamma Sterotactic Radiosurgery and Teletherapy
	Programs 08/24/11 (11-014)
87134	Medical Broad-Scope Programs 08/24/11 (11-014)
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)
87137	10 CFR Part 37 Materials Security Programs 04/03/14 (14-009)
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)
88003	Reactive Inspection for Events at Fuel Cycle Facilities
	03/16/15 (15-004)
88004	Reserved for Adverse Weather Protection
88005	Management Organization and Controls 09/05/06 (06-020)
88010	Training 02/07/14 (14-005)
88015	Nuclear Criticality Safety 08/11/15 (15-0215)
88020	Operational Safety 01/23/14 (14-003)
88025	Maintenance and Surveillance Testing 01/23/14 (14-003)
88030	Radiation Protection 03/06/14 (14-007)
88035	Radioactive Waste Management 02/07/14 (14-005)
88045	Effluent Control and Environmental Protection 02/07/14 (14-005)
88050	Emergency Preparedness 03/06/14 (14-007)
88051	Evaluation of Exercises and Drills 03/06/14 (14-007)
88054	Fire Protection (Triennial) 03/06/14 (14-007)
88055	Fire Protection (Annual) 01/23/14 (14-003)
88070	Plant Modification 09/20/16 (16-023)
88071	Configuration Management Program 03/06/14 (14-007)
88075	Event Follow-up 03/16/15 (15-004)
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
00104	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
00	Grade Item Dedication Process [Reactive] 10/25/06 (06-030)
88115	Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030)
88117	Facility Changes (License Application) and Change Process (10 CFR
00.17	70.72) (Pre-Licensing and Construction) 09/20/16 (16-023)
88120	Reserved Draft Construction and Operational Readiness Inspections for
00120	the Internal Isotopes Uranium Deconversion Facility
	and internal toologes Statistic Descriversion Lacinty

88121	Reserved Draft Operational Readiness Reviews for Uranium Deconversion Facilities
88130	Resident Inspection Program for On-Site Construction Activities at the
00404	Mixed Oxide Fuel Fabrication Facility 03/02/16 (16-009)
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 02/07/14 (14-005)
88135.02	Resident Inspection Program Plant Status Activities 05/21/15 (15-010)
88135.04	ISA Implementation 01/31/14 (14-004)
88135.05	Fire Protection 01/31/14 (14-004)
88135.17	Permanent Plant Modifications 01/31/14 (14-004)
88135.19	Post Maintenance Testing 01/31/14 (14-004)
88135.22	Surveillance Testing 01/31/14 (14-004)
88136	Mechanical Components 7/25/07 (07-023)
88137	Electric Cable 04/01/10 (10-010)
88138	Electrical Components and Systems 08/08/07 (07-024)
88139	Ventilation and Confinement Systems 08/08/07 (07-024)
88140	Instrumentation and Controls Systems 04/01/10 (10-010)
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
88161	Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities
	07/28/14 (14-017)

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	Construction Regulatory Response Column Inspections 10/27/10 (10-022)
90002	Construction Degraded Performance Column Inspections 10/28/14 (14-026)
90003	Construction Multiple/Repetitive Degraded Cornerstone Column Inspection 10/28/14 (14-026)
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	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	Non-routine Reporting Program 09/17/01 (01-017)

9100 <u>Title 10 Requirements</u>

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 05/13/09 (09-012)
92709	Licensee Strike Contingency Plans 03/14/14 (14-008)
92711	Continued Implementation of Strike Plans During an Extended
	Strike 03/14/14 (14-008)
92712	Resumption of Normal Operations After a Strike 03/14/14 (14-008)
92714	Reserved for Part 52 Follow-up
92717	IE Bulletins for Information and IE Information Notice Followup 09/25/85
	(reactivated 10-020)
92720	Corrective Action 09/28/98 (reactivated 07-034)
92721	Reserved for Part 52 Follow-up on Corrective Actions for Violations and
	Deviations
92722	Follow up Inspection for Any Severity Level I or II Traditional Enforcement
~	Violation or for Two or More Severity Level III Traditional Enforcement
	Violations in a 12-Month Period 08/11/09 (09-020)
92723	Follow Up Inspection for Three or More Severity Level IV Traditional
32120	Enforcement Violations in the Same Area is a 12-Month Period
	08/11/09 (09-020)
	00/11/09 (09-020)

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

93002	Managing Fatigue 11/09/09 (09-026)
93100	Safety-Conscious Work Environment Issue of Concern Follow-up 04/09/15 (15-005)
93702	Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017)
93800	Augmented Inspection Team 03/23/09 (09-010)
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)
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 11/15/11 (11-033)
93813	Reserved for Part 52 Operational Readiness Assessment Team Inspection
93814	Independent Design Verification Program 11/15/10 (10-023)
93815	Part 52, Operational Programs Implementation Inspection 12/23/11 (11-043)

9400 <u>Technical Activities of an Administrative Nature</u>

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
94302	Status of Watts Bar 2 Readiness for an Operating License
	01/30/15 (15-002)

9500 <u>Strategic Determination Actions</u>

95001 Supplemental Inspection for One or Two White Inputs in a Strategic

Performance Area 08/24/16 (16-021)

Issue Date: 09/30/16 45 TABLE OF CONTENTS

95002	Supplemental Inspection for One Degraded Cornerstone or Any Three
	White Inputs in a Strategic Performance Area 02/09/11 (11-001)
95003	Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple
	Degraded Cornerstones, Multiple Yellow Inputs or
	One Red Input 12/18/15 (15-031)
95003.01	Emergency Preparedness 01/15/09 (09-002)
95003.02	Guidance for Conducting an Independent NRC Safety Culture
	Assessment) 04/03/14 (14-009)

9600 Materials Safety and Security

96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities

12/22/14 (12-031)

9700 Reserved

9800 Reserved

9900 Guidance²

9900 Technical Guidance 05/12/86 (86-26)

PART

GUIDANCE

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)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)

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

Issue Date: 09/30/16 46 TABLE OF CONTENTS

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)
Maintanana	

<u>Maintenance</u>

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 for Gaseous Diffusion Plants

05/03/99 (99-008) [NOEDGAS.TG]

Operation - Safety and Compliance 09/11/07 (07-028)

[TG 9900 SAFETY]

PART

10 CFR GUIDANCE

Title 10 of the Code of Federal Regulations 12/08/86 (86-54)

10 CFR71 and

49 CFR171-178 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