TABLE OF CONTENTS

<u>Table of Contents</u> Current through Change Notice 17-023 issued 10/27/2017

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC

Inspection Manual 12/19/16 (16-034)

0100 Program Responsibilities

0102	Oversight and Objectivity of Inspectors and Examiners
0102	Oversign and Objectivity of modesters 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 Inspection Policy

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 11/17/16 (16-031)
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 08/25/17 (17-016)
0307, App B	ROP Realignment Process 08/25/17 (17-016)
0307, App C	Reactor Oversight Process Self-Assessment Regional Peer Reviews
	07/15/16 (16-016)
0308	Reactor Oversight Process (ROP) Basis Document 10/04/17 (17-021)
0308, Att 1	Technical Basis for Performance Indicators 11/08/07 (07-035)
0308, Att 2	Technical Basis for Inspection Program 10/16/06 (06-027)
0308, Att 3	Technical Basis for Significance Determination Process
	06/16/16 (16-013)

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.

Issue Date: 10/28/17 1 TABLE OF CONTENTS

- 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 03/28/17 (17-008)
- 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 05/15/17 (17-010)
- 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)
- 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)
- 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

Performance 11/13/15 (15-024)

0400 Enforcement Policy

0410 Notices of Enforcement Discretion

03/13/13 (13-009)

0410, App A Reserved for Design Compliance Enforcement Discretion

0500 <u>Tracking Systems</u>

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

0608 0609 0609TP 0609.01 0609.01TP 0609.02	Performance Indicator Program 09/26/12 (12-022) Significance Determination Process 04/29/15 (15-008) Significance Determination Process 10/28/16 (16-028) Significance and Enforcement Review Panel Process 12/08/16 (16-032) Significance and Enforcement Review Panel Process 10/28/16 (16-028) Process for Appealing NRC Characterization of Inspection
0609.03	Findings (SDP Appeal Process) 06/08/11 (11-010) Senior Reactor Analyst (SRA) and Risk Analyst Support Expectations 04/29/15 (15-008)
0609.04 0609.05TP 0609, App A	Initial Characterization of Findings 10/07/16 (16-026) Inspection Findings Review Board 10/28/16 (16-028) 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	Security Significance Determination Process for 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(F	P)Part III Construction Fitness-for-Duty Significance Determination Process — Pilot 09/19/12 (12-021)
0609, App E	Part IV Cyber Security Significance Determination Process for Power Reactors 08/15/17 (17-014)
	Fire Protection Significance Determination Process 09/20/13 (13-02) Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 09/20/13 (13-022)
	Att 1 Fait 1. File Frotection 3DF Friase 1 Worksheet 09/20/13 (13-022) 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,

Issue Date: 10/28/17 3 TABLE OF CONTENTS

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)
- O609, 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 Significance Determination Process for Mitigating Strategies and Spent Fuel Pool Instrumentation 10/07/16 (16-026)
- Nuclear Material Safety and Safeguards Inspection Reports 05/18/04 (04-014)
- 0611 Power Reactor Inspection Reports 05/03/17 (17-009) EFFECTIVE 01/01/2018
- 0612 Issue Screening 05/03/17 (17-009)
- 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)
- 0612, App C Documentation Guidance for Supplemental Inspections 10/28/11 (11-024)
- 0612, App C Exh1 Sample Supplemental Inspection Report for IP 95001 and IP 95002 10/28/11 (11-024)
- 0612, App D Guidance for Documenting Inspection Procedure 71152, "Identification and Resolution of Problems" 08/13/13 (13-017)
- 0612. App E Minor/More-Than-Minor Screening Examples 08/11/09 (09-020)
- 0612, App G 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 02/09/17 (17-003) Documenting 10 CFR Part 52 Construction Audit Activities 10/03/07 (07-030)
	0615	Research and Test Reactor Inspection Reports 06/23/04 (04-018)
	0616 0617	Fuel Cycle Safety and Safeguards Inspection Reports 08/15/17 (17-014) Vendor and Quality Assurance Implementation Inspection Reports 08/15/17 (17-016)
	0620	Inspection Documents and Records 09/12/11 (11-015)
0700	Communication	ons with Licensees
	0730	Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)
0800	Feedback - In	nproving the Regulatory Process
	0801 0802	Inspection Program Feedback Process 12/19/16 (16-034) Reserved for the Part 52 Program
0900	Reporting of E	Events/Incidents
1000	Regional Office	ce Program Interfaces
	1007	Interfacing Activities between Regional Offices of NRC and OSHA 05/06/16 (16-012)
1100	Notifications of	of Meetings and Conferences
	1120	Preliminary Notifications 09/13/13 (13-021)
1200 <u>Inspector Requirements</u>		<u>juirements</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 Licensees Operating Under 10 CFR 150.20 05/01/03 (03-013)
	1220, App I	Procedures and Guidelines for Processing NRC Form 241 05/01/03 (03-013)
	1220, App II	Procedures Letter to be Sent to Licensees with Procedures and Information for Filing NRC Form 241 05/01/03 (03-013)
	1220, App III	Inspection of Agreement State Licensees 05/01/03 (03-013)

Issue Date: 10/28/17 5 TABLE OF CONTENTS

1230	Quality Assurance Program for Radiological Confirmatory	
4000	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 08/24/17 (17-015	5)
1245, Att 1	· · · · · · · · · · · · · · · · · · ·	,
1245, Att 2	· · · · · · · · · · · · · · · · · · ·	
1245, Att 3	, , ,	
	A Basic-Level Training and Qualification Journal 08/24/17 (17-015)	
1245, App		
1245, App	C1 Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 12/19/16 (16-034)	
1245, App	C2 Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 12/19/16 (16-034)	
1245, App	C3 Health Physics Inspector Technical Proficiency Training and	
	Qualification Journal 02/20/17 (17-004)	
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)	n
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 Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)	
1245, App	C11 Security Risk Analyst Technical Proficiency Training and Qualification Journal 08/30/13 (13-019)	
1245, App	C12 Safety Culture Assessor Training and Qualification Journal	
	05/24/17 (17-011)	
1245, App	C13 Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016)	
1245. App	c C14 Cyber Security Inspector Technical Proficiency Training and Qualification	on
,	Journal 08/03/15 (15-014)	
1245, App	C15 Construction Inspector Technical Proficiency Training and Qualification Journal 08/15/17 (17-014)	
1245 Ann	C16 RESERVED for RTR training qual	
	D1 Maintaining Qualifications 08/24/17 (17-015)	
	D2 Inservice Inspection Advanced-Level Training 10/21/15 (15-020)	
	D3 Fire Protection Advanced-Level Training 10/21/13 (13-020)	
	DA Advanced Electrical Inspector Technical Proficiency Training and	
1270, App	Qualification Journal 12/29/11 (11-044)	

Issue Date: 10/28/17 6 TABLE OF CONTENTS

- 1246 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)

1248	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 10/07/16 (16-026)
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)

Issue Date: 10/28/17 8 TABLE OF CONTENTS

	1400 Reser	<u>ved</u>
	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	Nuclear Secu	rity and Incident Response
	2200, App A 2201 Securi	ty Inspection Program for Construction 09/07/12 (12-020) Security Construction Inspection Program 09/07/12 (12-020) Ity Inspection Program for Commercial Nuclear Power Reactors 15 (15-017)
	2201, App A	Security Baseline Inspection Program 11/09/16 (16-029)
	2201, App B 2201, App C 2201, App D	Supplemental Inspection Program 09/22/15 (15-017) Generic, Special, and Infrequent Inspections 09/22/15 (15-017) Facility Status Reviews for Security and Safeguards Inspection Program 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
	2202, App A 2202, App B	08/27/14 (14-019) Security Core Inspection Program 08/27/14 (14-019) 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) Construction Inspection Program: Early Site Permit (ESP) 2501 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) Construction Inspection Program: Inspections of Construction and 2504 Operational Programs 10/24/12 (12-025) Periodic Assessment of Construction Inspection Program Results 2505 01/06/17 (17-001) 2506 Construction Reactor Oversight Process General Guidance and Basis Document 02/20/17 (17-004) 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) Light Water Reactor Inspection Program - Construction Phase -2512 App I 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) Light Water Reactor – Preoperational Testing Phase 08/05/08 2513, App A (reactivated 08-023) Light Water Reactor – Operational Preparedness Phase 08/05/08 2513, App B (reactivated 08-023) Light Water Inspection Program - Operations Phase 03/28/17 (17-008) 2515 2515, App A Risk-Informed Baseline Inspection Program 03/08/13 (13-008) Supplemental Inspection Program 12/18/15 (15-031) 2515, App B Special and Infrequently Performed Inspections 06/24/15 (15-012) 2515, App C 2515, App D Plant Status 10/03/17 (17-020) 2515, App E Inspection Program Modifications during a Pandemic 01/26/07 (07-004) 2515, App F Reactor Construction Activities near Operating Unit(s) 06/02/11 (11-009) Baseline Inspection Guidance for Power Reactors Preparing for 2515, App G Transition to Decommissioning Phase 02/01/16 (16-004)

Issue Date: 10/28/17 10 TABLE OF CONTENTS

2515/176	Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2515/179 Rev. 1	Verification of Licensee Responses To NRC Requirement for Inventories of Materials Tracked in the National Source Tracking
NOV. I	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	Inspection of The Licensee's Interim Corrective Actions Associated With Interim Enforcement Policy for the Open Phase Condition (OPC) Design Vulnerabilities In Electric Power Systems 11/09/16 (16-029)
2515/193	Inspection of the Implementation of Order EA-13-109, "Order Modifying Licensees with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions," 10/10/17 (17-022)
2516	Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)
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 10/03/17 (17-021)
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
	Program 09/24/15 (15-018)
2600, App A	Guidance for Conducting Fuel Cycle Inspections 09/24/15 (15-018)
2600, App B	NRC Core Inspection Requirements, Tables 1 and 2 09/24/15 (15-018)
2600, App C	Fuel Cycle Resident Inspection Program 09/24/15 (15-018)
2600, App D	Fuel Cycle Facility Inspection Planning 09/24/15 (15-018)
2600/016	Inspection of Activities Associated with NRC Generic Letter 2015-01
	11/09/16 (16-029)
2601	Reactive Inspection Decision Making Process for Fuel Facilities
	09/20/16 (16-023)

Issue Date: 10/28/17 11 TABLE OF CONTENTS

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 Úranium 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 10/27/17 (17-023)
2681/009	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)
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)
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	Fuel Cycle Facility Construction and Pre-operational Readiness Review
	Inspection Programs 0830/17 (17-017)
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 09/12/17 (17-018)
2800/030	Verification of the Status of Devices Authorized For Use
	Under a General License 05/30/00 (00-011)
2800/032	Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)
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)

Issue Date: 10/28/17 12 TABLE OF CONTENTS

	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)
	2800/043	Inspection of Facilities Potentially Contaminated with Discrete Radium- 226 Sources 01/06/17 (17-001)
	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)
	2882	Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)
2900	D <u>Performance Appraisal Program</u>	
	2901 2920	Team Inspections 08/24/01 (01-016) Construction Appraisal Team Inspection Program 03/29/85 (85-11)
3000	Management	<u>Meetings</u>
	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	

Issue Date: 10/28/17 13 TABLE OF CONTENTS

3500 Quality Assurance

35002	Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018)
35004	Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35006	Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35007	Quality Assurance Program Implementation During Construction and Pre- Construction Activities 12/08/16 (16-032)
35012	Early Site Permit Quality Assurance Controls Assessment and Conclusion 05/29/03 (03-018)
35017	Quality Assurance Implementation Inspection 07/29/08 (08-021)
35023	Reserved for Design Reliability Assurance Program
35031	Reserved for Design Certification Pre-Meeting
35032	Reserved for Pre-Docketing Design Certification Quality Assurance Controls Inspection
35033	Reserved for Post-Docketing Design Certification Quality Assurance Controls Inspection
35034	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)
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 (reactivated 07-034)
35962	Reserved for Part 52 QA Program Evaluation of Engineering Service Organization

3600 Organization and Administration

Inspection of 10 CFR Parts 21 and 50.55(e) Programs for
Reporting Defects and Noncompliance 02/13/12 (12-002)
Inspection of 10 CFR Part 21 and Programs for Reporting Defects and
Noncompliance During Construction 02/13/12 (12-002)
Operational Staffing 07/01/77 (reactivated 08-032)
Part 52. Operational Staffing 08/19/08 (08-024)
Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

Issue Date: 10/28/17 14 TABLE OF CONTENTS

3700 Design, Design Changes, Modifications Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005) 37002 37051 Verification of As-Builts 12/04/87 (reactivated 07-032) Onsite Design Activities 04/01/83 (reactivated 07-032) 37055 Inspections under the 10CFR Part 50.69 Special Program 37060 09/14/11 (11-016) Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008) 37301 Design Changes, and Modifications 09/17/01 (01-017) 37700 Safety Reviews, Design Changes, and Modifications at 37801 Permanently Shutdown Reactors 08/11/97 (97-012) 37803 Reserved 37804 Aircraft Impact Assessment Inspection 02/09/12 (12-001) Engineering Design Verification Inspections 04/25/11 (11-007) 37805 3800 Procurement 3900 Records Records Program 09/17/01 (01-017) 39701 4000 Review and Audit 40001 Resolution of Employee Concerns 06/03/97 (97-006) Inspections to Review Allegations 06/28/02 (02-024) 40002 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) 40801 Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012) 4100 Training Pre-Licensing Review of Training and Qualification Programs 02/18/87 41301 (reactivated 08-032) Training and Qualification Effectiveness 06/13/95 (95-007) 41500 41501 Review of Training and Qualification Programs 04/27/16 (16-011) Nuclear Power Plant Simulation Facilities 10/16/12 (12-024) 41502

Issue Date: 10/28/17 15 TABLE OF CONTENTS

4200	<u>Procedures</u>	
	42001 42051 42401 42453 42454 42700	Emergency Operating Procedures 06/28/91 (91-009) Fire Prevention and Protection 10/01/77 (reactivated 08-004) Part 52, Plant Procedures10/27/10 (10-022) Part 52, Operating Procedures Inspection 08/19/08 (08-024) Part 52, Emergency Operating Procedures 09/09/13 (13-020) Plant Procedures 11/15/95 (95-015)
4300	Vendor Proce	<u>edures</u>
	43002 43003 43004 43005 43006	Routine Inspections of Nuclear Vendors 01/27/17 (17-002) Reactive Inspections of Nuclear Vendors 12/14/15 (15-029) Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002) NRC Oversight of Third-Party Organizations Implementing Quality Assurance Requirements 10/08/15 (15-019) Inspection of the Implementation of Mitigation Strategies Orders Regarding the Use of National Response Centers 09/30/16 (16-025)
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 Co	<u>ncrete</u>
	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)

Issue Date: 10/28/17 16 TABLE OF CONTENTS

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports 48051 Structural Steel and Supports Procedure Review 12/17/86 (reactivated 07-032) Structural Steel and Supports Work Observation 12/17/86 48053 (reactivated 07-032) 48055 Structural Steel and Supports Record Review 07/01/83 (reactivated 07-032) 4900 Piping 49001 Inspection of Erosion/Corrosion Monitoring Programs 12/11/98 (98-019) 49051 Reactor Coolant Pressure Boundary Piping QA Review 08/16/82 (reactivated 07-032) Reactor Coolant Pressure Boundary Piping – Work Observation 11/19/85 49053 (reactivated 07-032) Reactor Coolant Pressure Boundary Piping Record Review 08/16/82 49055 (reactivated 07-034) 49061 Safety-Related Piping 10/01/82 (reactivated 07-034) Piping – Work Observation 11/19/85 (reactivated 07-034) 49063 49065 Safety-Related Piping-Records Review 10/01/82 (reactivated 07-034) 5000 Mechanical Components and Equipment 50001 Steam Generator Replacement Inspection 09/12/17 (17-018) 50002 Steam Generators 12/31/96 (96-024) 50003 Pressurizer Replacement Inspection 09/12/17 (17-018) Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034) 50051 Reactor Vessel and Internals Work Observation 08/16/82 50053 (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) Pipe Support and Restraint Systems 08/06/03 (03-028) 50090

Issue Date: 10/28/17 17 TABLE OF CONTENTS

Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)

Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

50095

50100

5100	Electrical Components and Systems	
	51051	Electrical Components and Systems – Procedure Review 03/30/84
	51053	(reactivated 07-034) Electrical Components and systems - Work Observation
	51055 51061 51063 51065 51080	08/06/03 (03-028) Electrical Components and Systems - Record Review 08/06/03 (03-028) Electrical Cable - Procedure Review 08/06/03 (03-028) Electric Cable - Work Observation 11/19/85 (reactivated 07-034) Electric Cable - Record Review 03/30/84 (reactivated 07-034) Part 52, Environmental Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)
5200	00 Instrumentation Systems and Components	
	52003	Digital Instrumentation and Control Modification Inspection
	52051	10/31/08 (08-031) Instrument Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
	52053	Instrument Components and Systems – Work Observation 03/30/84 (reactivated 07-034)
	52055	Instrument Components and Systems – Record Review 03/30/84 (reactivated 07-034)
5300	Containment	Penetrations
	53051	Containment Penetrations (Mechanical) Procedure Review 01/27/84
	53053	(reactivated 07-034) Containment Penetrations (Mechanical) Work Observation 01/27/84
	53055	(reactivated 07-034) Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034)
5400	53055 <u>Cleanliness</u>	Containment Penetrations (Mechanical) Record Review 01/17/84
5400 5500		Containment Penetrations (Mechanical) Record Review 01/17/84
	Cleanliness	Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034) Nuclear Welding General Inspection Procedure 06/20/83 (83-06) Reactor Vessels Internals (Welding) Observation of Welding and
	Cleanliness Welding 55050	Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034) Nuclear Welding General Inspection Procedure 06/20/83 (83-06)
	Cleanliness Welding 55050 55093 55100	Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034) 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) Structural Welding General Inspection Procedure 06/20/83 (83-06)

Issue Date: 10/28/17 18 TABLE OF CONTENTS

5700	Nondestructive 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	000 <u>Fuel Fabrication, Handling and Storage</u>		
	60501 60705 60710 60715 60801 60845 60851 60852 60853 60854 60854.1 60855 60855.1 60856 60856.1 60857	Fuel Receipt and Storage 04/30/75 (reactivated 08-032) Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) Spent Fuel Safety at Operating Reactors 10/30/15 (15-022) Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (16-001) Operation of Intra-Unit Fuel Transfer Canister and Cask System 04/26/12 (12-007) Design Control of ISFSI Components 01/16/08 (08-003) ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003) On-Site Fabrication of Components and Construction of an ISFSI 01/16/08 (08-003) Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003) Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022) Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003) Operation of an Independent Spent Fuel Storage Installation at Operating Plants 09/05/06 (06-022) Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010) Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003) Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033)	
	60858 60859 60860	Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015) Reserved for Welding Verification Checklist for Transportation and ISFSI Components Reserved for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components	

Issue Date: 10/28/17 19 TABLE OF CONTENTS

	60861 60862 60863 60864	Reserved for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components Reserved for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components Reserved for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review Reserved for Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components
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 62003	Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024) Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
	62706 62708 62709	Maintenance Rule 12/13/00 (00-028) 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 62712	Reserved for Operational Reliability Assurance Process Part 52, Maintenance Rule 08/13/13 (13-017)
	62801	Maintenance and Surveillance at Permanently Shutdown

Issue Date: 10/28/17 20 TABLE OF CONTENTS

Reactors 08/11/97 (97-012)

6300 Construction Testing

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

6400 Fire Prevention/Protection

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

6500 <u>10 CFR Part 52 ITAAC Inspections</u>

65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria
	(ITAAC) Related Work 08/13/13 (13-017)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 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
0=004.40	Conditioning Systems 07/29/08 (08-021)
65001.13	Inspection of ITAAC-Related Installation of Load Handling Equipment and
65001.14	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
03001.13	07/01/08 (08-019)
65001.16	Inspection of ITAAC-Related Engineering 06/20/14 (14-013)
65001.17	Inspection of ITAAC-Related Engineering 00/20/14 (14-013)
33001.17	Components 09/30/16 (16-025)
65001.18	Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
30001.10	

Issue Date: 10/28/17 21 TABLE OF CONTENTS

	65001.19 65001.20 65001.21 65001.22 65001.23 65001.23, Ap 65001.A 65001.B 65001.C	Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029) Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC 06/02/11 (11-009) Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029) Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041) Inspection of Human Factors Engineering Integrated System Validation ITAAC 12/22/14 (14-031) p A Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 12/22/14 (14-031) ITAAC Attributes for As-Built Inspection 09/25/13 (13-023) Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023) Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010) Inspection of the ITAAC-Related Operational Testing Program
	U.1 0000	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 R	eactor Inspection
	69001 69002 69003	Class II Research and Test Reactors 02/03/04 (04-004) Class III Research and Test Reactors 02/03/04 (04-004) 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
	69005 69006	Monitoring 02/03/047 (04-004) 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
	69008	Change Functions 02/03/04 (04-004) Class I Research and Test Reactor Procedures 02/03/04 (04-004)

Issue Date: 10/28/17 22 TABLE OF CONTENTS

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 09/12/17 (17-018)
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
70302	(reactivated 08-032)
70304	Engineered Safety Features Test - Preoperational Test Procedure
70001	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
70300	
70007	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)
70010	01/01/79 (reactivated 08-032)
70316	Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79
70310	
70047	(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)

Issue Date: 10/28/17 23 TABLE OF CONTENTS

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
70329	(reactivated 08-032) Preoperational Test Result Evaluation Verification 10/01/83
70331	(reactivated 08-032) 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
70225	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
70339	Review 01/01/79 (reactivated 09-003) Component Cooling Water System Test - Preoperational; Test
70009	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 -
70012	Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70344	Containment Isolation Vales Test - Preoperational Test Procedure
70345	Review 01/01/79 (reactivated 09-003) Containment Heat/Cool/Vent. System Test - Preoperational Test
70343	Procedure Review 01/01/79 (reactivated 09-003)
70346	Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test
70247	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
70040	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
70254	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)
	,

Issue Date: 10/28/17 24 TABLE OF CONTENTS

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) 06/26/17 (17-013)
70369	Reserved for Part 52 Containment Leak Rate Testing
70370	Testing Piping Support and Restraint Systems 03/07/86 (86-13)
70371	Reserved for Part 52 Testing of Pipe Support and Restraint System
70400	Preoperational Test Results Evaluation 10/01/83 (reactivated 08-032)
70431	Vibration Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70432	Control Rod System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70433	Chemical Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70434	Engineered Safety Features Act. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70435	Safety and Relief Valves Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70436	Residual / Decay Heat Removal System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70437	Main Stream Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70438	Auxiliary Feedwater System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70439	Component Cooling Water System Test - Preoperational Test Witnessing 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)

Issue Date: 10/28/17 25 TABLE OF CONTENTS

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 05/15/17 (17-010)
71007	Reactor Vessel Head Replacement Inspection 10/03/17 (17-020)
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 12/08/16 (16-032)
71111.08	In-service Inspection Activities 12/21/16 (16-035)
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
	12/21/16 (16-035)
71111.17T	Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032)

Issue Date: 10/28/17 26 TABLE OF CONTENTS

71111.18	Plant Modifications 11/17/16 (16-031)
71111.10	
	Post Maintenance Testing 09/24/14 (14-022) Refueling and Other Outage Activities 01/27/15 (15-001)
71111.20 71111.21M	
	Component Design Bases Inspection (Teams) 12/08/16 (16-032)
71111.21N	Component Design Bases Inspection (Programs) 12/08/16 (16-032)
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
7 1 1 1 1 1 1 1 1 1	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 12/22/16 (16-035)
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)
71130.10P	Cyber Security 05/15/17 (17-010)
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 09/12/17 (17-018)
71150	Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)
71151	Performance Indicator Verification 05/03/17 (17-009)
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)

Issue Date: 10/28/17 27 TABLE OF CONTENTS

	71302 71303 71714 71715 71801 71841	Preoperational Test Program Implementation Verification 10/01/83 (reactivated 08-032) Part 52, Technical Specifications Review 10/20/08 (08-029) Cold Weather Preparations 09/17/01 (01-017) Sustained Control Room and Plant Observation 04/14/92 (92-004) Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012) Human Performance 12/12/00 (00-027)
7200	Startup Testir	<u>ng</u>
	72303	Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and
	72304	Test Results Evaluation 09/05/06 (06-021) Startup Testing for AP 1000: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
	72401 72501	Part 52, Inspection of Startup Test Program 06/24/14 (14-014) Reserved for Part 52 Initial Fuel Load Procedure Review
	72525	Reserved for Part 52 Initial Fuel Load Witnessing
7300	In-service Ins	pection
	73052	In-service Inspection - Review of Procedures 01/14/86 (86-03)
	73053	Pre-service Inspection – Observation of Work and Work Activities 01/01/79 (reactivated 07-034)
	73054	Part 52, Pre-service and In-service Inspection - Review of Program 05/03/17 (17-009)
	73055	Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034)
	73753 73754	In-service Inspection 06/24/98 (98-010)
		Part 52 - Preservice Inspection - Non-Destructive Examination 12/12/13 (13-028)
	73755 73756	In-service Inspection - Data Review and Evaluation 10/27/10 (10-022) In-service Testing of Pumps and Valves 07/27/95 (95-009)
	73757	Part 52 In-service Inspection - Data Review and Evaluation 02/07/14 (14-005)
	73758	Part 52, Functional Design and Qualification, and Preservice and Inservice Testing Programs for Pumps, Valves and Dynamic Restraints 04/19/13 (13-011)
7400	<u>Reserved</u>	
7-100	<u>rteserveu</u>	
7500	Reserved	
7600	Reserved	

Issue Date: 10/28/17 28 TABLE OF CONTENTS

7700 Reserved

7800 High Level Waste

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

7900 Water Chemistry

79501	LWR Water Chemistry Control and Chemical Analysis – Audits 02/24/89 (reactivated 08-032)
79502	Plant Systems Affecting Plant Water Chemistry 12/31/91 (reactivated 08-032)
79503	Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre- Op and Supp)
79504	Reserved for Part 52 Plant systems Affecting Plant Water Chem.
79702	Control and monitoring of Radiological Source Term 04/17/00 (00-006)

8000 Environmental Protection

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	Security 08/27/13 (13-018)
81000.01	Access Authorization 09/07/12 (12-020)
81000.02	Access Control 09/07/12 (12-020)
81000.03	Performance Evaluation Program 09/07/12 (12-020)
81000.04	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	Cyber Security Inspection for Construction 09/30/16 (16-025)
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

Issue Date: 10/28/17 29 TABLE OF CONTENTS

04000	December of for Dort 50 Consults Organization
81023	Reserved for Part 52 Security Organization
81022	Security Organization 06/13/07 (07-019)
81034	Security Program Audit 09/10/07 (07-027)
81035	Reserved for Part 52 Security Audit Program
81038	Records and Reports 09/10/07 (07-027)
81039	Reserved for Part 52 Records & Reports
81042	Testing and Maintenance 04/12/07 (07-013)
81043	Reserved for Part 52 Testing & Maintenance
81046	Locks, Keys, and Combinations 09/10/07 (07-027)
81047	Reserved for Part 52 Locks, Keys & Combinations
81052	Physical Barriers - Protected Areas 09/10/07 (07-027)
81053	Reserved for Part 52 Physical Barriers - Protected Areas
81054	Physical Barriers - Vital Areas, Material Access Areas, and
	Controlled Access Areas 09/10/07 (07-027)
81055	Reserved for Part 52 Physical Barriers - Vital Areas, Material Access
	Areas & Controlled Access Areas
81058	Security System Power Supply 09/10/07 (07-027)
81059	Reserved for Part 52 Security System Power Supply
81062	Lighting 09/10/07 (07-027)
81063	Reserved for Part 52 Lighting
81064	Compensatory Measures 09/10/07 (07-027)
81065	Reserved for Part 52 Compensatory Measures
81066	Assessment Aids 09/10/07 (07-027)
81067	Reserved for Part 52 Assessment Aides
81070	Access Control - Personnel 12/22/08 (08-037)
81071	Reserved for Part 52 Access Control - Personnel
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81073	Access Control (Fuel Facility) - Packages, Material, and
01070	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 - Vehicles
81078	Detection Aids - Protected Areas 11/23/09 (09-028)
81079	Reserved for Part 52 Detection Aids - Protected Areas
81080	Detection Aids – MAA and CAA 12/22/08 (08-037)
81081	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
81084	Alarm Stations 09/10/07 (07-027)
81085	Reserved for Part 52 Alarm Stations
	Communications 09/10/07 (07-027)
81088	,
81089	Reserved for Part 52 Communications
81120	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)
04200	(Note this IP contains safeguards material)
81200	Security 08/27/14 (14-019)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors
01200 02	10/21/14 (14-025)
81200.02	Access Control for Decommissioning Nuclear Power Reactors
01200 02	08/27/14 (14-019) Reserved for Decomplishing Force on Force Testing
81200.03	Reserved for Decommissioning Force-on-Force Testing

Issue Date: 10/28/17 30 TABLE OF CONTENTS

81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.07	Security Training for Decommissioning Nuclear Power Reactor 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 08/25/17 (17-016)
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
81700.01	Category I Fuel Cycle Facility Strategic Special Nuclear Material Security
81700.02	Controls 05/15/17 (17-010) Category I Fuel Cycle Facility Access Control Measures 05/15/17 (17-010)

Issue Date: 10/28/17 31 TABLE OF CONTENTS

81700.04	Category I Fuel Cycle Facility Security Equipment Performance, Testing and Maintenance 05/15/17 (17-010)
81700.05	Category I Fuel Cycle Facility Physical Protection Program and Protective Strategy 05/15/17 (17-010)
81700.06	Licensee Conducted Force-on-Force Exercises at Category I Fuel Cycle Facilities 10/27/17 (17-023)
81700.07	Category I Fuel Cycle Facility Security Training 05/15/17 (17-010)
81700.08	Category I Fuel Cycle Facility Fitness-for-Duty Programs 05/15/17 (17-010)
81700.09	Security Measures for Licensed Facilities 10/26/15 (15-021)
81700.10	Protection of Safeguards Information at Category I Fuel Cycle Facilities 05/15/17 (17-010)
81700.11	Annual Observation of Licensee Conducted Force-on-Force Exercises at Category I Fuel Cycle Facilities 10/27/17 (17-023)
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 82002 82002.01 82002.02 82002.03	Evaluation of Emergency Preparedness 05/22/00 (00-010) Part 52, Emergency Preparedness Program 14/28/14 (14-026) Facilities and Equipment 11/08/11 (11-030) Procedure Quality 11/08/11 (11-030) Review of Exercise Objectives and Exercise Scenario for Power Reactors
82002.04	11/08/11 (11-030) 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)
82002.08	RESERVED for Inspection Of Site Specific Implementation Of 10 Cfr 50.54(HH)(2) Phase 1, 2, And 3 Mitigating Strategies For Nuclear Power Plants Referencing The Ap1000 Certified Design
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)

Issue Date: 10/28/17 32 TABLE OF CONTENTS

	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 83501	Reserved for Part 52, Radiation Protection During Construction 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 83502.03	Radioactive Material Process and Transportation 04/17/00 (00-006) Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
	83522	Radiation Protection, Plant Chemistry, Radwaste, and Énvironmental: 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	Part 52 Life Cycle Minimization of Contamination and Groundwater
		Protection Program 12/21/16 (16-035)
	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)
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	Part 52 Liquid Waste Management Program 10/19/16 (16-027)
84529	Part 52, Gaseous Waste Management Program 10/19/16 (16-027)
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 Material Control and Accounting - Decommissioning
	Power Reactors
85200	MC&A for Licensees Possessing Less Than or Equal to
	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
	Training and Qualification 08/10/16 (16-020)
85305	Item Monitoring 11/15/16 (16-030)
85307	Process Monitoring 11/15/16 (16-030)
85309	Measurement Systems and Control 10/20/10 (10-021)

Issue Date: 10/28/17 34 TABLE OF CONTENTS

85311	Physical Inventory Program 11/15/10 (10-023)
85313	Alarm Resolution Program 11/15/16 (16-030)
85315	Internal Control 12/21/2010 (10-027)
85401	Management Structure 11/15/16 (16-030)
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
	11/15/10 (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 12/21/10 (10-027)
85503	Resolution Program for Uranium Enrichment Facilities
	11/15/10 (10-023)

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
07404	Bankruptcy Filing 11/03/00 (00-023)
87104	Decommissioning Inspection Procedure for Materials Licensees 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	Manufacturing and Distribution of Exempt Products 01/27/17 (17-002)
87129	Master Materials Program 09/15/03 (03-034)

Issue Date: 10/28/17 35 TABLE OF CONTENTS

87130	Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041)
87131	Nuclear Medicine Programs, Written Directive Required 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)
87138	RESERVED for 10 CFR Part 37, "Physical Protection Of Category 1 And
	Category 2 Quantities Of Radioactive Material At Facilities With A 10 CFR Part 73 Physical Protection Program
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
	07/03/02 (02-026)
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)

Issue Date: 10/28/17 36 TABLE OF CONTENTS

88108	Quality Assurance: Control of Materials, Equipment, and Services
88109	(Pre-licensing and Construction) 02/07/07 (07-006) Quality Assurance: Inspection, Test Control, and Control of Measuring
00100	and Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020)
88110	Quality Assurance: Problem Identification, Resolution and Corrective
00444	Action 05/18/05 (05-013)
88111 88112	10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006) Reserved for Software Validation
88113 88114	Control of the Electronic Management of Data 02/07/07 (07-006) Quality Affecting Item Procurement (10 CFR Part 21) and Commercial
00114	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
	70.72) (Pre-Licensing and Construction) 09/20/16 (16-023)
88120	Reserved Draft Construction and Operational Readiness Inspections for
	the Internal Isotopes Uranium Deconversion Facility
88121	Reserved Draft Operational Readiness Reviews for Uranium
	Deconversion Facilities
88130	Resident Inspection Program for On-Site Construction Activities at the
	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 88141	Instrumentation and Controls Systems 04/01/10 (10-010) Fire Prevention and Protection 08/08/07 (07-024)
88142	Underground Fire Water Loop and Equipment Installation
00172	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

Issue Date: 10/28/17 37 TABLE OF CONTENTS

	00400	
	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 a	and Materials Special Program
	89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)
9000	Reportable M	latters 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)
	90502 90700	Reserved for Part 52 Reportable Matters - Test Program Feedback of Operational Experience Information at Operating Power
	90712	Reactors 03/23/05 (05-008) In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
	90713 90714	In Office Review of Periodic and Special Reports 09/17/01 (01-017) Non-routine Reporting Program 09/17/01 (01-017)
9100	Title 10 Regu	irements
3100	THIC TO TREGU	lichtene
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)

Issue Date: 10/28/17 38 TABLE OF CONTENTS

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 Enforcement Violations in the Same Area is a 12-Month Period 08/11/09 (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

Issue Date: 10/28/17 39 TABLE OF CONTENTS

9500	Strategic Determination Actions		
	95001	Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area 08/24/16 (16-021)	
	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	
	95003.01 95003.02	One Red Input 12/18/15 (15-031) Emergency Preparedness 01/15/09 (09-002) 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	Guidance ²		
	9900	Technical Guidance 05/12/86 (86-26)	
<u>PART</u>	GUIDANCE		

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)

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

Issue Date: 10/28/17 40 TABLE OF CONTENTS

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)
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)
<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]
<u>Mechanical</u>	

<u>Mechanical</u>

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