NRC INSPECTION MANUAL

DRO

PART

CHAPTER

0000 NRC Inspection Manual¹

Preparing, Revising, and Issuing Documents for the NRC Inspection Manual

07/23/20 (20-034)

0100 Program Responsibilities

0102	Oversight and Ob	iectivity of Ins	pectors and Exar	niners

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

0111 Monitoring Activities for the DOE West Valley

Demonstration Project 09/09/20 (20-041)

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
0303	Health Physics Positions (HPPOS) 07/10/19 (19-023)
0305	Operating Reactor Assessment Program 11/04/20 (20-058)
0306	Planning, Scheduling, Tracking, and Reporting of the Reactor Oversight Process 02/24/21 (21-010)
0307	Reactor Oversight Process Self-Assessment Program 05/29/20 (20-025)
0307, App A	Reactor Oversight Process Self-Assessment Metrics and Data Trending 05/29/20 (20-025)
0307, App B	Reactor Oversight Process Self-Assessment Baseline Inspection Program Monitoring and Comprehensive Review 05/29/20 (20-025)
0307, App C	Reactor Oversight Process Self-Assessment ROP Implementation Audits 05/29/20 (20-025)
0307, App D	Power Reactor Resident Inspector Retention and Recruitment Program Monitoring and Assessment 05/21/19 (19-016)
0308	Reactor Oversight Process (ROP) Basis Document 10/04/17 (17-021)
0308, Att 1	Technical Basis for Performance Indicators 10/16/20 (20-051)

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

0308,	Att 2	Technical Basis for Inspection Program 05/29/19 (19-017)
0308,	Att 3	Technical Basis for Significance Determination Process 06/16/16 (16-013)
0308,	Att 3,	App A Technical Basis for At Power Significance Determination 11/30/20 (20-066)
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 05/02/18 (18-010)
		App G Technical Basis for Shutdown Operations Significance Determination Process 02/28/05 (05-007)
		App H Technical Basis for Containment Integrity Significance Determination Process 10/27/20 (20-056)
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 10/16/20 (20-051)
0308	Att 3 A	App L Technical Basis for the B.5.b Significance Determination Process 03/28/17 (17-008)
0308	Att 3 A	App M Technical Basis for the Significance Determination Process (SDP) Using Qualitative Criteria 01/10/19 (19-002)
0308, 0308,		Technical Basis for Assessment 05/15/17 (17-010) Technical Basis for Enforcement 11/04/20 (20-057)
0308,	Att 6	Basis Document for the Security Cornerstone of the Reactor Oversight Process 11/09/20 (20-061)
0309 0310		Reactive Inspection Decision Basis for Reactors 10/28/11 (11-023) Aspects Within the Cross-Cutting Areas 02/25/19 (19-008)
0312		Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023)
0326		Operability Determinations and Functionality Assessments for Conditions Adverse to Quality or Safety 09/30/19 (19-032)
0327		Steam Generator Tube Primary-to-Secondary Leakage 11/01/18 (18-037)
0330		Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)
0335 0350		Changes, Tests, and Experiments 01/29/21 (21-007) Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 03/01/18 (18-006)
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 08/12/20 (20-038)

0400 Enforcement Policy

0500 Tracking Systems

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

0608	Performance Indicator Program 02/05/19 (19-005)
0609	Significance Determination Process 11/09/20 (20-061)
0609.01	Significance and Enforcement Review Panel Process 10/23/18 (18-036)
0609.02	Process for Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 01/25/21 (21-006)
0609.03	Senior Reactor Analyst and Risk Analyst Support Expectations 10/09/20 (20-050)
0609.04	Initial Characterization of Findings 12/13/19 (19-040)
0609.05	Inspection Findings Review Board 12/07/18 (18-041)
0609, App A	Determining the Significance of Reactor Inspection Findings for At- Power Situations 11/30/20 (20-066)
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 09/17/18 (18-032)
0609, App E	,
0609, App E	
0609, App E	,
0609, App F	Fire Protection Significance Determination Process 05/02/18 (18-010)
	Att 1 Fire Protection SDP Worksheet 05/02/18 (18-010)
	Att 2 Degradation Rating Guidance 05/02/18 (18-010)
0609, App F,	Att 3 Guidance for Identifying Credible Fire Scenarios 05/02/18 (18-010)
0609, App F,	Att 4 Guidance for Determining Fire Ignition Frequency 05/02/18 (18-010)
• •	Att 5 Characterizing Fire Ignition Sources 05/02/18 (18-010)
0609, App F,	Att 6 Guidance for the Identification of Targets and Their Ignition and Damage Criteria 05/02/18 (18-010)
	and Damage Chieffa 00/02/10 (10 010)

- 0609, App F, Att 7 Guidance for Fire Non-Suppression Probability Analysis 05/02/18 (18-010)
- 0609, App F, Att 8 Tables and Plots Supporting the Phase 2 Risk Quantification 05/02/18 (18-010)
- 0609, App G Shutdown Operations Significance Determination Process 01/08/20 (01-004)
- 0609, App G, Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 01/08/20 (20-004)
- 0609, App G, Att 2 Phase 2 Significance Determination Process Template for PWR during Shutdown 01/08/20 (20-004)
- 0609, App G, Att 3 Phase 2 Significance Determination Process Template for BWR during Shutdown 01/08/20 (20-004)
- 0609, App H Containment Integrity Significance Determination Process 03/23/20 (20-017)
- 0609, App I Licensed Operator Requalification Significance Determination Process 01/10/19 (19-001)
- 0609, App J Technical Basis for Steam Generator Tube Integrity Findings 10/16/20 (20-051)
- 0609, App K Maintenance Risk Assessment and Risk Management Significance Determination Process 10/16/20 (20-051)
- 0609, App L B.5.b Significance Determination Process 12/24/09 (09-032)
- 0609, App M Significance Determination Process Using Qualitative Criteria 01/10/19 (19-002)
- 0609 App N RESERVED SDP for ISFSI at Operating Plants
- Nuclear Material Safety and Safeguards Inspection Reports 05/18/04 (04-014)
- 0611 Power Reactor Inspection Reports 01/07/20 (20-003)
- 0611.02 Guidance for Reactive Inspection Reports 07/30/19 (19-025)
- 0611, Exh 1 Standard Reactor Inspection Report Outline 12/13/17 (17-029)
- 0611, Exh 2 Inspection Report Documentation Matrix 12/13/17 (17-029)
- 0611, Exh 4 Inspection Report Cover Letter Templates 10/09/19 (19-033)
- 0611, App A Acronyms Used in Inspection Reports 12/13/17 (17-029)
- 0611, App C Guidance for Supplemental Inspection Reports 10/21/20 (20-054)
- 0611, App D Guidance for Problem Identification and Resolution Inspection Reports 12/13/17 (17-029)
- 0612 Issue Screening 12/12/19 (19-039)
- 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, App A Acronyms Used in IMC 0612 12/04/08 (08-034)
- 0612, App B Additional Issue Screening Guidance 12/10/20 (20-070)
- 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 Examples of Minor Issues 12/10/20 (20-070)
- 0612, App G Emergency Planning Cornerstone- Specific Supplemental Guidance for Appendix B Screening Figures 1 and 2 02/24/21 (21-010)

	0613 0614 0615	Power Reactor Construction Inspection Reports 11/04/20 (20-057) Documenting 10 CFR Part 52 Construction Audit Activities 10/03/07 (07-030) Research and Test Reactor Inspection Reports
	0010	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 02/25/20 (20-011)
	0620	Inspection Documents and Records 07/23/20 (20-034)
0700	Communication	ons with Licensees
	.=	
	0730	Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)
0000		annes in a this De audatom Duages
0800	<u>Feedback - In</u>	nproving the Regulatory Process
	0801	Inspection Program Feedback Process 03/17/20 (20-016)
	0802	RESERVED for the Part 52 Program
0900	Reporting of E	<u>Events/Incidents</u>
1000	Regional Office Program Interfaces	
	1007 Interfacing Activities between Regional Offices of NRC and	
	1007	OSHA 05/06/16 (16-012)
1100	Notifications of	of Meetings and Conferences
	110 Industria di Mocunga dia Comerciosa	
	1120	Preliminary Notifications 01/05/21 (21-001)
1200	Inspector Rec	<u>quirements</u>
	1001	0 1 4 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	1201 1202	Conduct of Employees 07/29/16 (16-019) Senior Resident Inspector Site Turnover 06/28/18 (18-017)
	1230	Quality Assurance Program for Radiological Confirmatory
		Measurements 10/01/83 (83-12)
	1232	Collection, Preparation, and Shipment of Independent
	1240	Measurement Samples 11/18/86 (86-52) Unescorted Access at Power Reactors 01/28/19 (19-003)
	1245	Qualification Program for Reactor Inspectors 06/26/20 (20-026)
	1245, Att 1	General Overview of the Inspector Training and Qualification
	1245, Att 2	Program 06/26/20 (20-026) Inspector Competencies 06/26/20 (20-026)
	1245, All 2 1245, App A	Basic-Level Training and Qualification Journal 08/12/20 (20-038)

Issue Date: 03/08/2021 5 TABLE OF CONTENTS

- 1245, App B General Proficiency-Level Training and Qualification Journal 08/12/20 (20-038)
- 1245, App C1 Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 11/09/20 (20-061)
- 1245, App C2 Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 11/09/20 (20-061)
- 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 11/18/20 (20-063)
- 1245, App C5 Research and Test Reactor Inspector Technical Proficiency Qualification Journal 06/26/20 (20-026)
- 1245, App C6 Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 08/23/18 (18-029)
- 1245, App C7 Fire Protection Inspector Technical Proficiency Training and Qualification Journal 06/26/20 (20-026)
- 1245, App C8 Vendor Inspector Technical Proficiency Qualification Journal 03/27/20 (20-018)
- 1245, App C9 Senior Reactor Analyst Training and Qualification Program 06/26/20 (20-026)
- 1245, App C10 Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/21/15 (20-030)
- 1245, App C11 Security Risk Analyst Technical Proficiency Training and Qualification Journal 11/05/20 (20-059)
- 1245, App C12 Safety Culture Assessor Training and Qualification Journal 01/13/20 (20-005)
- 1245, App C13 Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016)
- 1245, App C14 Cyber Security Inspector Technical Proficiency Training and Qualification Journal 08/03/15 (15-014)
- 1245, App C15 Construction Inspector Technical Proficiency Training and Qualification Journal 08/15/17 (17-014)
- 1245 App C16 RESERVED for RTR training qualifications
- 1245, App D1 Maintaining Qualifications 12/16/20 (20-073)
- 1245, App D2 Inservice Inspection Advanced-Level Training 06/26/20 (20-026)
- 1245, App D3 Fire Protection Advanced-Level Training 06/26/20 (20-026)
- 1245, App D4 Advanced Electrical Inspector Technical Proficiency Training and Qualification Journal 11/04/20 (20-057)
- Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 10/26/11 (11-022)
- 1246, App A Training Activities 10/26/11 (11-022)
- 1246, App B1 Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Reviewer 10/26/11 (11-022)
- 1246, App B2 Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Inspector 10/26/11 (11-022)
- 1246, App B3 Training Requirements and Qualification Journal for Independent Spent Fuel Storage Installation Inspector 11/07/11 (11-028)
- 1246, App B4 Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016)
- 1246, App C1 Training Requirements and Qualification Journal for Fuel Cycle License Reviewer 10/26/11 (11-022)

- 1246, App C2 Training Requirements and Qualification Journal for Fuel Cycle Project Manager 10/26/11 (11-022)
- 1246, App C3 Training Requirements and Qualification Journal for Material Control and Accounting License Reviewer 10/26/11 (11-022)
- 1246, App C4 Training Requirements and Qualification Journal for Fuel Cycle Safeguards
 Physical Security Inspector 10/26/11 (11-022)
- 1246, App C5 Training Requirements and Qualification Journal for International Safeguards Analysts, Nuclear Materials Management and Safeguards System (NMMSS) Analysts, and Import/Export Analysts 06/27/16 (16-014)
- 1246, App D1 Training Requirements and Qualification Journal for High Level Waste Repository License Technical Reviewer 10/26/11 (11-022)
- 1246, App D2 Training Requirements and Qualification Journal for High Level Waste Repository Inspector 10/26/11 (11-022)
- 1247 Qualification Program for Fuel Facility Inspectors in the Nuclear Material Safety and Safeguards Program Area 10/28/14 (14-026)
- 1247, App A Basic-Level Training and Certification Journal Fuel Facility Inspector 06/27/14 (14-014)
- 1247, App B General Proficiency-Level Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C1 Fuel Facility Operations Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C2 Fuel Facility Health Physics Inspector Technical Proficiency Training and Qualification Journal 06/20/2014 (14-013)
- 1247, App C3 Fuel Facility Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C5 Fuel Facility Material Control & Accounting Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App C6 Fuel Facility Nuclear Criticality Safety Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012)
- 1247, App D RESERVED for Advanced and Specialized Training Courses and Qualification Programs
- 1247, App D1 Fuel Facility Information Security Inspector Specialized Qualification Program
 Training and Qualification Journal 10/28/14 (14-026)
- Formal Qualification Programs for Federal and State Materials and Environmental Management Programs 04/19/13 (13-011)
- 1248, App A Materials Health Physics License Review Qualification Journal 04/19/13 (13-011)
- 1248, App B Materials Health Physics Inspector Qualification Journal 04/19/13 (13-011)
- 1248, App C Training Requirements and Qualification Journal for Materials Exempt Distribution License Reviewer 04/19/13 (13-011)
- 1248, App D Training Requirements and Qualification Journal for Byproduct Material Sealed Source and Device Reviewer 04/19/13 (13-011)
- 1248, App E Training Requirements and Qualification Journal for Division of Waste Management Inspector and License Reviewer 04/19/13 (13-011)
- 1248, App F Training Requirements and Qualification Journal for Decommissioning Inspectors 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 07/02/19 (19-021)	
	1248 App J	RESERVED	
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.	
	1304	Department of Energy 11/29/07 (07-037) RESERVED for Independent Split Sampling Program for Residual Radioactivity	
	1330	Response to Transportation Accidents Involving Radioactive	
	1360	Materials 10/06/04 (04-025) Use of Physician and Scientific Consultants in the Medical Consultant Program 11/02/06 (06-033)	
1400	0 <u>Environmental Monitoring</u>		
	1415	State Contracts for Environmental Monitoring 06/28/91 (91-009)	
1500	Reserved		
1600	Emergency Preparedness		
	1601	Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 06/29/18 (18-018)	
1700	Reserved		
1800	Reserved		
1900	Reserved		
2000	Reserved		
2100	Reserved		

Issue Date: 03/08/2021 8 TABLE OF CONTENTS

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

2200	Security Inspection Program for Construction 09/07/12 (12-020)
2200, App A	Security Construction Inspection Program 01/29/19 (19-004)
2201	Security Inspection Program for Commercial Nuclear Power Reactors 08/20/18 (18-026)
2201, App A	Security Baseline Inspection Program 07/23/20 (20-034)
2201, App B	Supplemental Inspection Program 08/20/18 (18-026)
2201, App C	
2201, App D	Facility Status Reviews for Security and Safeguards Inspection Program 11/01/18 (18-037)
2201/003	RESERVED for Fitness for Duty Part 26 Subpart K
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)
2201/006	RESERVED for COVID-19 Public Health Emergency (PHE)
2202	Security Inspection Program for Decommissioning Reactors 07/28/20 (20-035)
2202, App A	Security Core Inspection Program 07/28/20 (20-035)
2202, App B	Security Discretionary Inspection Program 07/28/20 (20-035)

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

2501	Construction Inspection Program: Early Site Permit (ESP) 07/02/20 (20-029)
2502	Construction Inspection Program: Pre-Combined License (Pre-COL) Phase 07/02/20 (20-029)
2503	Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 10/06/20 (20-048)
2504	Construction Inspection Program: Inspections of Construction and Operational Programs 12/15/20 (20-72)
2505	Periodic Assessment of Construction Inspection Program Results 10/05/20 (20-046)
2506	Construction Reactor Oversight Process General Guidance and Basis Document 11/25/20 (20-065)
2507 2508	Construction Inspection Program: Vendor Inspections 12/20/19 (19-041) Construction Inspection Program: Design Certification 09/06/16 (16-022)

Issue Date: 03/08/2021 9 TABLE OF CONTENTS

2514	AP1000 Reactor Inspection Program – Startup Testing Phase 01/12/21 (21-003)
2515	Light Water Inspection Program - Operations Phase 03/08/21 (21-012)
2515, App A	Risk-Informed Baseline Inspection Program 07/26/19 (19-024)
2515, App B	Supplemental Inspection Program 10/21/20 (20-054)
2515, App C	Special and Infrequently Performed Inspections 12/22/20 (20-076)
2515, App D	Plant Status 01/13/21 (21-004)
2515, App E	Inspection Program Modifications During Pandemics, Epidemics, or Other Widespread Illnesses or Diseases 03/27/20 (20-018)
2515, App F	Reactor Construction Activities near Operating Unit(s) 09/22/20 (20-044)
2515, App G	Baseline Inspection Guidance for Power Reactors Preparing for Transition to Decommissioning Phase 02/01/16 (16-004)
2515/193	Inspection of the Implementation of Order EA-13-109, "Order Modifying
Rev. 1	Licensees with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions," 06/29/20 (20-027)
2515/194	Inspection of the Licensees' Implementation of Industry Initiative Associated
Rev. 1	with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01) 08/18/20 (20-039)
2516	Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)
2518	RESERVED for Construction Inspection Program: Advanced Reactors, Pre-
0=40	Construction Permit (CP)
2519	Construction Significance Determination Process 10/26/20 (20-055)
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 01/15/21 (21-005)
2545	Research and Test Reactor Inspection Program 03/13/20 (20-015)
2550	Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50:
	Construction Inspection Program (CIP) 05/01/18 (18-009)
2561	Decommissioning Power Reactor Inspection Program 01/06/21 (21-002)
2565	Regional Inspection Activities for Naval Reactors Naval Vessels Undergoing Decommissioning 08/28/20 (20-040)
	- · · · · · · ·

2600 <u>Fuel Cycle Facility Inspection Program</u>

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program
	12/14/20 (20-071)
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 02/18/21 (21-009)
2600, App C	Fuel Cycle Resident Inspection Program 10/09/19 (19-033)
2600, App D	Fuel Cycle Facility Inspection Planning 06/12/18 (18-015)
2600 App E	Inspection Program Modifications During Pandemics, Epidemics, or Other
	Widespread Illnesses or Diseases 12/15/20 (20-072)
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)
2602	Decommissioning Oversight and Inspection Program for Fuel
2603	Cycle Facilities and Materials Licensees 07/29/08 (08-021) RESERVED for Fuel Cycle Facility Construction Inspection Program
2000	Assessment
2604	Licensee Performance Review 09/20/16 (16-023)
2606	Assessment of the Change in Risk Resulting From a Violation at a Fuel Cycle Facility 04/01/16 (16-010)
2606, E-2	Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022)
2620	On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act) 10/05/01 (01-020)
2630	Mixed Oxide Fuel Fabrication Facility Construction Inspection Program 09/20/16 (16-023)
2635	RESERVED for Uranium Enrichment Facility Construction and Pre-
	Operational Readiness Review Inspection Programs
2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2650	Fuel Cycle Inspection Assessment Program 11/08/18 (18-038)
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 12/07/20 (20-069)
2690	Inspection Program for Storage of Spent Reactor Fuel and Reactor-Related
	Greater-Than-Class C Waste at Independent Spent Fuel Storage Installations
0000/044	and for 10 CFR Part 71 Transportation Packagings 12/15/20 (20-072)
2690/011	Review of Aging Management Programs at Independent Spent Fuel
Rev 1	Installations 02/20/20 (20-010)
2691	Technical Basis for the Independent Spent Fuel Storage Installation Inspection Program 12/07/20 (20-069)
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 03/02/20 (20-012)
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)

Issue Date: 03/08/2021 11 TABLE OF CONTENTS

	2800/037 2800/040	Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019) 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 Rev 4 2801	Inspection of Facilities Potentially Contaminated with Discrete Radium 226 Sources 12/22/20 (20-076) Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection
	2810	Program 08/25/00 (00-014) Master Materials License Oversight and Inspection Program
	2815	10/11/12 (12-023) Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2900	0 Performance Appraisal Program	
	2901 2920	Team Inspections 08/24/01 (01-016) Construction Appraisal Team Inspection Program 03/29/85 (85-11)
3000	Management	<u>Meetings</u>
	30800	Initial Management Meeting - Materials Licensees 10/01/76 (76-26)
3100	Reserved	
3200	Reserved	
3300	Reserved	
3400	Reserved	
3500	Quality Assur	<u>ance</u>
	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)

Issue Date: 03/08/2021 12 TABLE OF CONTENTS

	35017 35023 35031 35032 35033 35034 35101 35701 35710	Quality Assurance Implementation Inspection 12/10/20 (20-070) RESERVED for Design Reliability Assurance Program RESERVED for Design Certification Pre-Meeting RESERVED for Pre-Docketing Design Certification Quality Assurance Controls Inspection RESERVED for Post-Docketing Design Certification Quality Assurance Controls Inspection Design Certification Testing Inspection 03/23/20 (20-017) QA Program Implementation Inspection for Operational Programs 07/08/16 (16-015) Quality Assurance Program Review 09/17/01 (01-017) Quality Assurance Inspection of Software Used in Nuclear Applications 01/30/18 (18-002) RESERVED for Part 52 QA Program Evaluation of Engineering Service Organization
3600	Organization a	and Administration
	36100	Inspection of 10 CFR Parts 21 and 50.55(e) Programs for
	36100.01	Reporting Defects and Noncompliance 05/16/19 (19-015) Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance During Construction 11/13/19 (19-035)
	36302	Part 52. Operational Staffing 08/19/08 (08-024)
3700	Design, Desig	n Changes, Modifications
	37060	Inspections under the 10CFR Part 50.69 Special Program 07/28/20 (20-035)
	37700 37801	Design Changes, and Modifications 09/17/01 (01-017) Safety Reviews, Design Changes, and Modifications at
	37803	Permanently Shutdown Reactors 09/09/20 (20-041) RESERVED
	37804 37805	Aircraft Impact Assessment Inspection 03/23/20 (20-017) Engineering Design Verification Inspections 04/08/20 (20-020)
	_	
3800	Procurement	
3900	Records	
	39701	Records Program 09/17/01 (01-017)
4000	Review and A	<u>udit</u>
	40002 40100	Inspections to Review Allegations 06/28/02 (02-024) Independent Safety Culture Assessment Follow-up 07/26/18 (18-022)

Issue Date: 03/08/2021 13 TABLE OF CONTENTS

	40505 40600 40801	RESERVED for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems Licensee Program for Managing Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure 05/29/20 (20-025) Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)
4100	Training	
	41500 41501	Training and Qualification Effectiveness 06/13/95 (95-007) Review of Training and Qualification Programs
	41502	06/04/19 (19-018) Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)
4200	<u>Procedures</u>	
	42001 42401 42453 42454 42700	Emergency Operating Procedures 06/28/91 (91-009) 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	Routine Inspections of Nuclear Vendors 01/27/17 (17-002) Reactive Inspections of Nuclear Vendors 04/08/20 (20-020) Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002) NRC Oversight of Third-Party Organizations Implementing Quality Assurance
	43006	Requirements 10/08/15 (15-019) Inspection of The Implementation Of Mitigation Strategies Regulation Regarding The Use of National Safer Response Centers 10/16/20 (20-051)
4400	Reserved	
4500	Geotechnical	/Foundation
	45051	Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)
	45052	Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)
4600	Structural Co	ncrete_
4700	Containment	(Post-Tensioning)

Issue Date: 03/08/2021 14 TABLE OF CONTENTS

4800	Structural Ste	eel and Supports
4900	<u>Piping</u>	
5000	Mechanical C	Components and Equipment
	50001 50002 50003 50054 50056	Steam Generator Replacement Inspection 09/12/17 (17-018) Steam Generators 12/31/96 (96-024) Pressurizer Replacement Inspection 09/12/17 (17-018) Reactor Vessel Material Surveillance Program 12/04/08 (08-034) RESERVED for Reactor Vessel Material Surveillance Program
5100	Electrical Cor	nponents and Systems
	51080	Part 52, Environmental Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)
5200	Instrumentation	on Systems and Components
	52003	Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
5300	Containment	<u>Penetrations</u>
5400	Cleanliness	
5500	Welding	
	55050 55100	Nuclear Welding General Inspection Procedure 06/20/83 (83-06) Structural Welding General Inspection Procedure 06/20/83 (83-06)
5600	<u>Calibration</u>	
	56700	Calibration 03/23/05 (05-008)
5700	Nondestructiv	ve Examination, Destructive Examination and Fabrication Testing
	57050 57060 57070 57080 57090	Visual Testing Examination 03/09/99 (99-003) Liquid Penetrant Testing Examination 03/09/99 (99-003) Magnetic Particle Testing Examination 03/09/99 (99-003) Ultrasonic Testing Examination 03/09/99 (99-003) Nondestructive Examination Procedure Radiographic

Issue Date: 03/08/2021 15 TABLE OF CONTENTS

Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005)

5800 Special Processes 5900 Reserve Shutdown System 6000 Fuel Fabrication, Handling and Storage 60705 Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) 60710 60715 Spent Fuel Safety at Operating Reactors 09/16/20 (20-043) Spent Fuel Pool Maintenance, Surveillance, and Safety at Permanently 60801 Shutdown Reactors 09/09/20 (20-041) Operation of Intra-Unit Fuel Transfer Canister and Cask System 60845 05/16/19 (19-015) 60851 Design Control of ISFSI Components 01/16/08 (08-003) ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003) 60852 On-Site Fabrication of Components and Construction of an 60853 Independent Spent Fuel Storage Installation 09/11/20 (20-042) Preoperational Testing of an Independent Spent Fuel Storage Installation 60854 10/20/20 (20-052) Preoperational Testing of Independent Spent Fuel Storage 60854.1 Facility Installation at Operating Plants 05/16/19 (19-015) 60855 Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003) Operation of an Independent Spent Fuel Storage Installation at 60855.1 Operating Plants 05/16/19 (19-015) Review of 10 CFR 72.212(b) Evaluations 10/20/20 (20-052) 60856 60856.1 Review of 10 CFR 72.212(b) Evaluations at Operating Plants 05/16/19 (19-015) 60857 Review of 10 CFR 72.48 Evaluations 10/20/20 (20-052) 60858 Away-From-Reactor ISFSI Inspection Guidance 11/12/20 (20-062) RESERVED for Initial Review of Aging Management Programs at Independent 60859 Spent Fuel Storage Installations RESERVED for Welding Verification Checklist for Transportation and ISFSI 60860 Components 60861 RESERVED for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and **ISFSI** Components 60862 RESERVED for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components 60863 RESERVED for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components 60864 RESERVED for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review

	0000	Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components
6100	<u>Surveillance</u>	
	61705 61706 61707 61708	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
	61709	Determinations 10/11/85 (85-31) Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36)
	61710 61715 61720 61726 61728	Control Rod Worth Measurements (PWR) 10/11/85 (85-31) Verification of Containment Integrity 12/23/86 (86-60) Containment Local Leak Rate Testing 10/03/85 (85-30) Surveillance Observations 06/24/98 (98-010) Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)
6200	<u>Maintenance</u>	
	62002	Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024)
	62003	Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
	62706	Maintenance Rule 12/13/00 (00-028)
	62708 62709	Motor-Operated Valve Capability 07/16/20 (20-033) 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)
6300	Construction -	<u>Testing</u>
6400	Fire Prevention	on/Protection
	64102	RESERVED for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities
	64704	Fire Protection Program at Permanently Shutdown Reactors 11/05/20 (20-059)
	64705	Part 52, Fire Protection Operational Program 06/04/19 (19-018)

RESERVED for Nondestructive Examination Procedure Radiographic

60865

Issue Date: 03/08/2021 17 TABLE OF CONTENTS

6500 10 CFR Part 52 ITAAC Inspections

65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)
65001.01	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)
65001.11A	Containment Structural Integrity Test 12/20/19 (19-041)
65001.12	Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air
	Conditioning Systems 07/29/08 (08-021)
65001.13	Inspection of ITAAC-Related Installation of Load Handling Equipment and
	Fuel Racks 08/05/09 (09-019)
65001.14	Inspection of ITAAC-Related Installation of Complex Systems with Multiple
	Components 06/24/15 (15-012)
65001.15	Inspection of ITAAC-Related Installation of Fire Protection Equipment
05004.40	07/01/08 (08-019)
65001.16	Inspection of ITAAC-Related Engineering 06/20/14 (14-013)
65001.17	Inspection of ITAAC-Related Security Structures, Systems, and Components
05004.40	09/30/16 (16-025)
65001.18	Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
65001.19	Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029)
65001 20	,
65001.20	Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC 06/02/11 (11-009)
65001.21	Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC)
03001.21	- Related ITAAC 11/07/11 (11-029)
65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software
03001.22	Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
65001.23	Inspection of Human Factors Engineering Integrated System Validation
03001.23	ITAAC 12/22/14 (14-031)
65001 23 An	p A Inspection Guide for AP1000 Human Factors Engineering Integrated
0000 1.20, Ap	System Validation 12/22/14 (14-031)
65001.A	ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
65001.A	Inspection of the ITAAC-Related Welding Program 11/04/19 (19-034)
65001.C	Inspection of the ITAAC-Related Construction Test Program
30001.0	moposition of the first to floated contacted for four float floating

Issue Date: 03/08/2021 18 TABLE OF CONTENTS

	65001.D 65001.E 65001.F	04/18/14 (14-010) Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011) 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)
6600	Reserved	
6700	Reserved	
6800	Reserved	
6900	6900 Non-Power Reactor 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,
	69004	Requalification, and Medical Examinations 02/03/04 (04-004) Class I Research and Test Reactor Effluent and Environmental Monitoring 02/03/04 (04-004)
	69005 69006	Class I Research and Test Reactor Experiments 02/03/04 (04-004) Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)
	69007	Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)
	69008 69009	Class I Research and Test Reactor Procedures 02/03/04 (04-004) Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)
	69010 69011	Class I Research and Test Reactor Surveillance 02/03/04 (04-004) Class I Research and Test Reactor Emergency Preparedness
	69012	02/03/04 (04-004) Class I Research and Test Reactors Radiation Protection
		02/03/04 (04-004)
	69013 69020	Research and Test Reactor Decommissioning 02/03/04 (04-004) 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
	69022	09/12/17 (17-018) Inspections of Operational Readiness During Construction of Non-Power Production and Utilization Facilities 10/09/19 (19-033)
7000	Preoperationa	al Testing
	70307	Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)

Issue Date: 03/08/2021 19 TABLE OF CONTENTS

70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70367	Inspection of Pre-operational Test Program 10/20/20 (20-052)
70368	Part 52 Containment Leak Rate Testing (Programmatic)
	06/26/17 (17-013)
70369	RESERVED for Part 52 Containment Leak Rate Testing
70371	RESERVED for Part 52 Testing of Pipe Support and Restraint System
70701	RESERVED
70702	Inspection of Preoperational Test Performance 12/06/17 (17-028)

7100 Operations (License & TS Requirements)

71002	License Renewal Inspection 06/30/20 (20-028)
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)
71111	Reactor Safety-Initiating Events, Mitigating Systems,
	Barrier Integrity 10/28/11 (11-025)
71111.01	Adverse Weather Protection 12/20/19 (19-041)
71111.04	Equipment Alignment 10/05/20 (20-049)
71111.05	Fire Protection 10/06/20 (20-047)
71111.06	Flood Protection Measures 10/21/20 (20-053)
71111.07	Heat Sink Performance 10/21/20 (20-053)
71111.08	In-service Inspection Activities 12/14/18 (18-043)
71111.11	Licensed Operator Requalification Program 12/14/18 (18-043)
71111.12	Maintenance Effectiveness 10/05/20 (20-046)
71111.13	Maintenance Risk Assessments and Emergent Work Control
7444445	10/05/20 (20-046)
71111.15	Operability Determinations and Functionality Assessments
74444477	10/05/20 (20-046)
71111.17T	Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032)
71111.18	Plant Modifications 10/05/20 (20-046)
71111.19	Post Maintenance Testing 10/06/20 (20-047)
71111.20	Refueling and Other Outage Activities 10/06/20 (20-047)
71111.21M	Design Bases Assurance Inspection (Teams) 12/08/16 (16-032)
71111.21N	Design Bases Assurance Inspection (Programs) 02/05/19 (19-005)
/1111.21N.02	Property Design Basis Capability of power Operated Valves Under 10 CFR 50.55a Requirements 07/26/19 (19-024)
71111.21N.05	Fire Protection Team Inspection (FPTI) 06/12/19 (19-019)
71111.22	Surveillance Testing 11/20/20 (20-064)
71113	RESERVED for Review of License Renewal Commitments for Plants in Timely
	Renewal
71114	Reactor Safety-Emergency Preparedness 05/29/12 (12-008)
71114.01	Exercise Evaluation 07/21/16 (16-017)
71114.02	Alert and Notification System Evaluation 07/21/16 (16-017)
71114.03	Emergency Response Organization Staffing and Augmentation System 07/21/16 (16-017)
71114.04	Emergency Action Level and Emergency Plan Changes 07/21/16 (16-017)
71114.05	Maintenance of Emergency Preparedness 07/21/16 (16-017))

Issue Date: 03/08/2021 20 TABLE OF CONTENTS

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 12/21/17 (17-031)
71124.01	Radiological Hazard Assessment and Exposure Controls 12/23/19 (19-042)
71124.02	Occupational ALARA Planning and Controls 12/23/19 (19-042)
71124.03	In-Plant Airborne Radioactivity Control and Mitigation 12/23/19 (19-042)
71124.04	Occupational Dose Assessment 12/23/19 (19-042)
71124.05	Radiation Monitoring Instrumentation 03/04/20 (20-014)
71124.06	Radioactive Gaseous and Liquid Effluent Treatment 03/04/20 (20-014)
71124.07	Public Radiation Safety 03/04/20 (20-014)
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling,
- 4400	Storage, and Transportation 03/04/20 (20-014)
71130	Security 07/23/20 (20-034)
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 02/08/21 (21-008)
71130.04	Equipment Performance, Testing and Maintenance 09/30/16 (16-024)
71130.05	Protective Strategy Evaluation and Performance Evaluation Program 12/10/18 (18-042)
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 10/22/18 (18-035)
71130.10P	Cyber Security 07/15/20 (20-032)
71130.11	Material Control & Accounting (MC&A) 01/07/20 (20-003)
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 04/30/19 (19-013)
71151	Performance Indicator Verification 04/06/20 (20-019)
71152	Problem Identification and Resolution 02/26/15 (15-003)
71153	Follow-up of Events and Notices of Enforcement Discretion 09/16/20 (20-043)
71303	Part 52, Technical Specifications Review 07/08/20 (20-031)
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)
71801	Decommissioning Performance and Status Reviews 09/30/20 (20-045)
71841	Human Performance 12/12/00 (00-027)

7200 Startup Testing

72303	Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and
	Test Results Evaluation 09/05/06 (06-021)
72304	AP1000 Startup Test Inspections 02/28/19 (19-009)
72401	Part 52, Inspection of Startup Test Program 12/07/20 (20-069)
72501	RESERVED for Part 52 Initial Fuel Load Procedure Review
72525	RESERVED for Part 52 Initial Fuel Load Witnessing

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

Issue Date: 03/08/2021 21 TABLE OF CONTENTS

	73052 73054	In-service Inspection - Review of Procedures 01/14/86 (86-03) Part 52, Pre-service and In-service Inspection - Review of Program 03/04/20 (20-013)
	73753 73754	În-service Inspection 06/24/98 (98-010) Part 52 - Preservice Inspection - Non-Destructive Examination
	73755 73756 73757	09/23/19 (19-029) In-service Inspection - Data Review and Evaluation 10/27/10 (10-022) In-service Testing of Pumps and Valves 07/27/95 (95-009) Part 52 In-service Inspection - Data Review and Evaluation
	73758	09/23/19 (19-029) Part 52, Functional Design and Qualification, and Preservice and Inservice Testing Programs for Pumps, Valves and Dynamic Restraints 02/06/20 (20-007)
7400	Reserved	
7500	Reserved	
7600	Reserved	
7700	Reserved	
7800	High Level Wa	<u>aste</u>
	78010	10 CFR Part 21 Program 09/11/08 (08-026)
7900	Water Chemis	<u>stry</u>
	79503	RESERVED for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre-Op
	79504 79702	and Supp) RESERVED for Part 52 Plant systems Affecting Plant Water Chem. Control and monitoring of Radiological Source Term 04/17/00 (00-006)
8000	<u>Environmenta</u>	I Protection
	80211	RESERVED for Part 52 Environmental Protection - Initial & Periodic Inspection
	80522	Part 52, Radiological Environmental Monitoring Program (REMP)
	80600 80721	05/07/20 (20-024) RESERVED for Independent Assessment of Site Radiological Conditions Radiological Environmental Monitoring 09/17/01(01-017)

Issue Date: 03/08/2021 22 TABLE OF CONTENTS

8100 Physical Security

81000	Security 01/29/19 (19-004)
81000.01	Access Authorization 04/01/19 (19-011)
81000.02	Access Control 04/01/19 (19-011)
81000.03	Performance Evaluation Program 09/07/12 (12-020)
81000.04	Equipment Performance, Testing and Maintenance 07/01/19 (19-020)
81000.05	Protective Strategy Evaluation 09/24/19 (19-030)
	· ,
81000.06	Protection of Safeguards Information 02/13/19 (19-007)
81000.07	Security Training 09/24/19 (19-030)
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 01/29/19 (19-004)
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
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) (Note this IP contains safeguards material)
81200	Security 07/28/20 (20-035)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors
01200.01	05/07/20 (20-024)
81200.02	Access Control for Decommissioning Nuclear Power Reactors
01200.02	
04000 00	10/16/20 (20-051)
81200.03	RESERVED for Decommissioning Force-on-Force Testing
81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning
04000.05	Nuclear Power Reactors 01/05/21 (21-001)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for
0.4000.00	Decommissioning Nuclear Power Reactors 01/05/21 (21-001)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear Power
	Reactors 01/05/21 (21-001)
81200.07	Security Training for Decommissioning Nuclear Power Reactor
	10/21/14 (14-025)
81200.08	RESERVED for Decommissioning Fitness for Duty Program
81200.09	Security Plan Changes for Decommissioning Power Reactors
	02/18/21 (21-009)
81200.10	RESERVED for Decommissioning Cyber Security
81200.11	RESERVED for Decommissioning Material Control and Accounting
81200.14	Review of Decommissioning Target Sets 01/05/21 (21-001)
81310	Physical Protection of Shipments of Irradiated Fuel
0.0.0	12/22/08 (08-037)
81311	Physical Security Requirements for Independent Spent Fuel Storage
01011	Installations 10/06/20 (20-048)
91225	Physical Protection of Shipments of Special Nuclear Material of Moderate
81335	
04040	Strategic Significance (SNM-MSS) 12/02/09 (09-029)
81340	Physical Protection of Shipments of Special Nuclear Material of Low Strategic
04000	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
01000	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
0.1=0.4	12/02/09 (09-029)
81504	Fitness for Duty Program for Construction 10/15/09 (09-024)
81505	Protection of Safeguards Information for Construction
04004	02/13/19 (19-007)
81601	Fixed Site Physical Protection of Formula Quantities of Strategic Special
81602	Nuclear Material – Non-Power Reactors 03/13/20 (20-015) Fixed Site Physical Protection of Special Nuclear Material of Moderate
01002	Strategic Significance – Non-Power Reactors 03/13/20 (20-015)
81603	Fixed Site Physical Protection of Special Nuclear Material of Low
01003	Strategic Significance – Non-Power Reactors 03/13/20 (20-015)
81606	Material Control and Accounting – Non-Power Reactors 03/13/20 (20-015)
81607	Protection of Safeguards Information and Safeguards Information Modified
0.00.	Handling – Non-Power Reactors 03/13/20 (20-015)
81608	Reporting of Safeguards Events – Non-Power Reactors 03/13/20 (20-015)
81612	In Transit Physical Protection of Special Nuclear Material of Moderate
	Strategic Significance and Receipt of New Reactor Fuel – Non-Power
	Reactors 03/13/20 (20-015)
81613	In Transit Physical Protection of Special Nuclear Material of Low Strategic
	Significance and Receipt of New Reactor Fuel – Non-Power Reactors
	03/13/20 (20-015)
81614	In Transit Physical Protection of Irradiated Reactor Fuel – Non-Power
0.1.00.1	Reactors 03/13/20 (20-015)
81621	Fixed Site Physical Protection of Category 1 and Category 2 Quantities of
01600	Radioactive Material – Non-Power Reactors 03/13/20 (20-015)
81622	In Transit Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material and 100 Grams or Less of Irradiated Reactor Fuel – Non-
	Power Reactors 03/13/20 (20-015)
81700.01	Category I Fuel Cycle Facility Strategic Special Nuclear Material Security
01700.01	Controls 05/15/17 (17-010)
81700.02	Category I Fuel Cycle Facility Access Control Measures
01100.02	05/15/17 (17-010)
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

Issue Date: 03/08/2021 24 TABLE OF CONTENTS

	05/15/17 (17-010)
81700.09	Security Measures for Licensed Facilities 03/02/20 (20-012)
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 04/08/20 (20-020)
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 Emergency Planning

82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)
82002	Part 52, Emergency Preparedness Program 03/04/20 (20-014)
82002.01	Facilities and Equipment 11/08/11 (11-030)
82002.02	Procedure Quality 11/08/11 (11-030)
82002.03	Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030)
82002.04	Emergency Preparedness Exercises 11/08/11 (11-030)
82002.05	Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030)
82002.06	Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)
82002.07	Operational Status of the Emergency Preparedness Program 11/08/11 (11-030)
82002.08	Inspection of Site Specific Implementation of 10 CFR 50.54(hh)(2) Mitigating Strategies for Nuclear Power Plants Referencing the AP1000 Certified Design 09/17/18 (18-031)
82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)
82301	Evaluation of Exercises for Power Plants 04/24/13 (13-012)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012)
82401	Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020)
82501	Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020)
82701	Operational Status of the Emergency Preparedness Program 04/24/13 (13-012)

8300 Radiation Protection

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	Radioactive Material Process and Transportation 04/17/00 (00-006)
83502.03	Radiological Environmental Monitoring Program and
	Radioactive Material Control Program 04/17/00 (00-006)
83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 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 03/04/20 (20-013)
83532	RESERVED for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training
83533	Part 52 External Occupational Exposure Control and Personal Dosimetry 03/04/20 (20-013)
83534	Part 52, Internal Exposure Control and Assessment 03/04/20 (20-013)
83535	Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 03/04/20 (20-013)
83536	Part 52 Facilities and Equipment 03/04/20 (20-013)
83537	Part 52 Maintaining Occupational Exposures ALARA 03/04/20 (20-013)
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)
83728	Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
83729	Occupational Exposure during Extended Outages 12/31/91 (91-021)
83746	Part 52 Offsite Dose Calculation Manual (ODCM) 05/07/20 (20-024)
83750	Occupational Radiation Exposure at Permanently Shutdown Reactors 11/05/20 (20-059)
83801	Inspection of Remedial and Final Surveys at Permanently
	Shutdown Reactors 01/06/21 (21-002)
83822	Radiation Protection 09/07/00 (00-016)
83890	Closeout Inspection and Survey 05/01/03 (03-013)

8400 <u>Radioactive Waste Management</u>

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)

Issue Date: 03/08/2021 26 TABLE OF CONTENTS

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 04/30/20 (20-022)
84528	Part 52 Liquid Waste Management Program 04/30/20 (20-022)
84529	Part 52, Gaseous Waste Management Program 05/07/20(20-024)
84750	Radioactive Waste Treatment, and Effluent and Environmental
	Monitoring 11/05/20 (20-059)
84850	Radioactive Waste Management - Inspection of Waste Generator
	Requirements of 10 CFR 20 and 10 CFR 61 12/22/08 (08-037)
84900	Low-Level Radioactive Waste Storage 12/22/08 (08-037)
	(Preoperational and Supplemental)

8500 Material Control and Accountability

85102	Material Control and Accounting - Reactors 03/29/85 (85-10)
85103	Material Control and Accounting at Decommissioning Power Reactors
	07/03/18 (18-019)
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 12/17/20 (20-074)
85305	Item Monitoring 12/16/20 (20-073)
85307	Process Monitoring 12/16/20 (20-073)
85309	Measurement Systems and Control 11/06/20 (20-060)
85311	Physical Inventory Program 11/06/20 (20-060)
85313	Alarm Resolution Program 11/06/20 (20-060)
85315	Internal Control 12/16/20 (20-073)
85401	Management Structure 11/06/20 (20-060)
85402	Measurement Program 12/22/20 (20-075)
85403	Measurement Control Program 12/22/20 (20-075)
85404	Physical Inventory Program for Low Enriched Uranium Fuel Facilities
	01/13/21 (21-004)
85405	Item Control 01/13/21 (21-004)
85406	Resolution Program for Low Enriched Uranium Fuel Facilities
	01/13/21 (21-004)
85407	Assessment Program 12/17/20 (20-074)
85408	Recordkeeping 12/17/20 (20-074)
85420	Inspection of IAEA Safeguards for Inspectors at Power
	Reactors 06/22/88 (88-007)
85501	Physical Inventory Program for Uranium Enrichment Facilities
	12/20/20 (20-075)
85502	Detection Program for Uranium Enrichment Facilities 12/22/20 (20-075)

Issue Date: 03/08/2021 27 TABLE OF CONTENTS

Resolution Program for Uranium Enrichment Facilities 01/13/21 (21-004)

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 12/14/20 (20-071)
86750	Solid Radioactive Waste Management and Transportation of Radioactive
	Materials 10/27/20 (20-056)

8700 Materials Safety Inspection

87102	Maintaining Effluents from Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
87103	Inspection of Material Licensees Involved in an Incident or
	Bankruptcy Filing 11/03/00 (00-023)
87104	Decommissioning Inspection Procedure for Materials Licensees 10/09/19 (19-033)
87121	Industrial Radiography Programs 12/17/14 (14-030)
87122	Irradiator Programs 12/31/02 (02-047)
87123	Well Logging Programs 07/02/19 (19-021)
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 08/07/19 (19-026)
87129	Master Materials Program 09/15/03 (03-034)
87130	Nuclear Medicine Programs, Written Directive Not Required
	10/24/02 (02-041)
87131	Nuclear Medicine Programs, Written Directive Required
	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)
87137	10 CFR Part 37 Materials Security Programs 12/03/20 (20-068)
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)

Issue Date: 03/08/2021 28 TABLE OF CONTENTS

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 10/20/20 (20-052)
88020	Operational Safety 12/14/20 (20-071)
88025	Maintenance and Surveillance Testing 01/23/14 (14-003)
88030	Radiation Protection 01/29/21 (21-007)
88035	Radioactive Waste Management 02/07/14 (14-005)
88045	Effluent Control and Environmental Protection 02/07/14 (14-005)
88050	Emergency Preparedness 12/17/20 (20-074)
88051	Evaluation of Exercises and Drills 11/12/20 (20-062)
88055	Fire Protection 11/09/20 (20-061)
88070	Plant Modification 12/14/20 (20-071)
88071	Configuration Management Program 03/06/14 (14-007)
88072	Plant Modifications (Triennial) 08/21/18 (18-027)
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
	10/09/19 (19-033)
88106	Quality Assurance: Program Development and Implementation
	(Pre-licensing and Construction) 02/07/07 (07-006)
88107	Quality Assurance: Design and Documentation Control (Pre-licensing and
	Construction) 05/18/05 (05-013)
88108	Quality Assurance: Control of Materials, Equipment, and Services
	(Pre-licensing and Construction) 02/07/07 (07-006)
88109	Quality Assurance: Inspection, Test Control, and Control of Measuring and
	Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020)
88110	Quality Assurance: Problem Identification, Resolution and Corrective Action
	05/18/05 (05-013)
88111	10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)
88112	RESERVED for Software Validation
88113	Control of the Electronic Management of Data 02/07/07 (07-006)
88114	Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade
	Item Dedication Process [Reactive] 10/25/06 (06-030)
88115	Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030)
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 for Draft Operational Readiness Reviews for Uranium
	Deconversion Facilities

88130	Resident Inspection Program for On-Site Construction Activities at the Mixed
00404	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 12/02/20 (20-067)
88135.02	Resident Inspection Program Plant Status Activities 12/02/20 (20-067)
88135.04	Resident Inspection Program Integrated Safety Analysis Implementation 12/02/20 (20-067)
88135.05	Resident Inspection Program Fire Protection (Annual/Quarterly) 12/02/20 (20-067)
88135.17	Permanent Plant Modifications 12/02/20 (20-067)
88135.19	Post Maintenance Testing 12/02/20 (20-067)
88135.22	Surveillance Testing 12/02/20 (20-067)
88136	Mechanical Components 7/25/07 (07-023)
88137	Electric Cable 04/01/10 (10-010)
88138	Electrical Components and Systems 08/08/07 (07-024)
88139	Ventilation and Confinement Systems 08/08/07 (07-024)
88140	Instrumentation and Controls Systems 04/01/10 (10-010)
88141	Fire Prevention and Protection 08/08/07 (07-024)
88142	Underground Fire Water Loop and Equipment Installation
	08/08/07 (07-024)
88143	Pipe Supports and Restraints 7/25/07 (07-023)
88150	RESERVED for Training and Qualification of Plant Personnel
88151	RESERVED for Facility Changes and Change Process (10 CFR70.72)
88152	RESERVED for Physical Protection Equipment and Barriers
88153	RESERVED for Material Control and Accounting
88154	RESERVED for Fire Safety and Protection Systems
88155	RESERVED for Functional Verifications of IROFS
88156	RESERVED for Integrated Safety Analysis Implementation
88157	RESERVED for Waste Management Equipment and Systems
88158	RESERVED for Environmental Protection - Initial and Periodic Inspections
88159	RESERVED for Process Enclosures and Vessels
88160	RESERVED for Utilities and Bulk Chemicals
88161	Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities
	07/28/14 (14-017)

8900 Fuel Facility and Materials Special Program

89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)
89002	RESERVED for Uranium Mill program
89003	RESERVED for Uranium Mill program

9000 Reportable Matters and Report Reviews

90001 Construction Regulatory Response Column Inspections 10/27/10 (10-022)

Issue Date: 03/08/2021 30 TABLE OF CONTENTS

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	RESERVED for Part 52 Reportable Matters - Test Program
90700	Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)
90712	In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
90713 90714	In Office Review of Periodic and Special Reports 09/17/01 (01-017) Non-routine Reporting Program 09/17/01 (01-017)

9100 <u>Title 10 Requirements</u>

9200 Planned Non-Routine Activities

92050	Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005)
92700	Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
92701	Follow-up 03/13/07 (07-010)
92702	Follow-Up On Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders 10/26/20 (20-055)
92703	Follow-up of Confirmatory Action Letters 05/13/09 (09-012)
92707	Security Inspection of Facilities Impacted by a Local, State, or Federal Emergency Where the NRC's Ability to Conduct Triennial Force-On-Force Exercises is Limited 02/08/21 (21-008)
92708	RESERVED for operating reactors pandemic response
92709	Licensee Strike Contingency Plans 05/16/19 (19-015)
92711	Continued Implementation of Strike Plans During an Extended Strike 05/16/19 (19-015)
92712	Resumption of Normal Operations after a Strike 05/16/19 (19-015)
92714	RESERVED for Part 52 Follow-up
92720	Corrective Action 09/28/98 (reactivated 07-034)
92721	RESERVED for Part 52 Follow-up on Corrective Actions for Violations and Deviations
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)

Issue Date: 03/08/2021 31 TABLE OF CONTENTS

9300	9300 Non-Routine Activities	
	93002	Managing Fatigue 09/17/19 (19-027)
	93100	Safety-Conscious Work Environment Issue of Concern Follow-up 07/26/18 (18-022)
	93702	Prompt Onsite Response to Events at Operating Power
		Reactors 09/17/01 (01-017)
	93800	Augmented Inspection Team 04/02/19 (19-012)
	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 04/02/19 (19-012)
	93813	RESERVED for Part 52 Operational Readiness Assessment Team Inspection
9400	Technical Act	tivities of an Administrative Nature
	0.400.4	
	94301	RESERVED for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel
		Load
9500	Strategic Det	ermination Actions
	95001	Supplemental Inspection for One or Two White Inputs in a Strategic
		Performance Area 10/21/2020 (20-054)
	95002	Supplemental Inspection for One Degraded Cornerstone or Any Three White
	05000	Inputs in a Strategic Performance Area 02/09/11 (11-001)
	95003	Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple
		Degraded Cornerstones, Multiple Yellow Inputs or One Red Input 12/18/15 (15-031)
	95003.01	Emergency Preparedness 01/15/09 (09-002)
	95003.01	Guidance for Conducting an Independent NRC Safety Culture Assessment)
	30000.02	04/04/40 (40 044)

9600 Materials Safety and Security

04/01/19 (19-011)

96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 03/11/19 (19-010)

9700 Reserved

9800 Reserved

9900 Guidance²

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

PART

GUIDANCE

Technical Guidance

ASME Section III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel
ASME Section III & XI	Code, Section III 06/16/89 (89-011) American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
STS Sec 3.0	Acceptable Measurement Tolerances for Technical
	Specification Limits 10/01/78 (78-35)
STS Sec 3/4.6.4	Containment and Drywell Isolation Valves 06/09/88 (88-06)
STS Sec 3.7.5	Ultimate Heat Sink 11/25/88 (88-17)
STS Sec 3/4.8.1	TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)
STS Sec 4.2.8.X.X	Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)
STS Sec 4.5.1	Standard Technical Specifications (BWR) 05/12/86 (86-26)
STS Sec 4.8.1.1.2	Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
STS Interp	Licensee Technical Specification Interpretations 02/03/97 (97-001)

Maintenance

Voluntary Entry into Limiting Conditions for Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001) Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

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

Filled Organic Coatings Used in Maintenance of Safety Related

Equipment 10/11/94 (94-018)

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

Mechanical

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

Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014) Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033)

[TG_Mech SGTUBELKG.wpd]

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

Operations

Notice of Enforcement Discretion for Gaseous Diffusion Plants

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

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

[TG 9900 SAFETY]

PART

10 CFR GUIDANCE

10	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)
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