NRC INSPECTION MANUAL

TABLE OF CONTENTS

Table of Contents Current through Change Notice 18-030 issued 09/06/2018

<u>PART</u>

CHAPTER

- 0000 NRC Inspection Manual¹
 - 0040 Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 01/05/18 (18-001)

0100 Program Responsibilities

0102	Oversight and Objectivity of Inspectors and Examiners
	at Reactor Facilities 04/24/13 (13-012)
0111	Monitoring Activities for the DOE West Valley
	Demonstration Project 03/04/02 (02-006)

0200 Program Management Reports

0300 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 06/21/18 (18-016)
0306	Planning, Tracking, and Reporting of the Reactor Oversight Process 12/23/15 (18-012)
0307	Reactor Oversight Process Self-Assessment Program
0307, App A 0307, App B	
0307, App C	3
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 01/05/18 (18-001)
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.

0308, Att 3, App A Technical Bas 06/19/12 (12-010	sis for At Power Significance Determination
0308, Att 3, App B Technical Ba	, sis for Emergency Preparedness Significance ocess 12/19/12 (12-029)
	sis for Occupational Radiation Safety
•	rmination Process 07/28/05 (05-022)
0308, Att 3, App D Technical Ba	sis for Public Radiation Safety rmination Process 07/27/04 (04-020)
	sis for the Baseline Security Significance Determination
	sis for Fire Protection Significance
	ocess [IMC 0609, Appendix F] At Power
Operations 05/02	
	sis for Shutdown Operations Significance ocess 02/28/05 (05-007)
	sis for Containment Integrity Significance
	ocess 05/06/04 (04-010)
	is for Operator Requalification Human
	nificance Determination Process
07/28/05 (05-022)	
	sis for Steam Generator Tube Integrity Findings
	rmination Process 07/06/11 (11-011)
	sis for Maintenance Risk Assessment and Risk
	P 05/19/05 (05-014) s for the B.5.b Significance Determination Process
03/28/17 (17-008)	
	is for the Significance Determination Process (SDP)
	Criteria 06/11/14 (14-012)
	or Assessment 05/15/17 (17-010)
	or Enforcement 10/16/06 (06-027)
Process 09/08/09	
	on Decision Basis for Reactors 10/28/11 (11-023)
	e Cross-Cutting Areas 12/04/14 (14-029)
	nce for Radiation Safety Inspections at Nuclear Fuel nd Materials Licensees' Sites 06/06/02 (02-023)
	ninations and Functionality Assessments for Conditions
· ·	y or Safety 11/20/17 (17-026)
	G Leakage Oversight
0330 Guidance for NRC	C Review of Licensee Draft Documents
07/08/96 (96-015)	
	rating Reactor Facilities in a Shutdown Condition
	e Problems 03/01/18 (18-006)
0351 Now IMC 0375	f the Repeter Oversight Breezes at Repeter Facilities in
•	f the Reactor Oversight Process at Reactor Facilities in to the total total total to the total to
Performance 11/1	

0400 Enforcement Policy

- 0410 Notices of Enforcement Discretion 03/13/13 (13-009)
- 0410, App A RESERVED for Design Compliance Enforcement Discretion

0500 Tracking Systems

0600 Documentation of Program Findings

0608 0609	Performance Indicator Program 09/26/12 (12-022) Significance Determination Process 04/29/15 (15-008)
0609TP	Significance Determination Process 10/28/16 (16-028)
0609.01	Significance and Enforcement Review Panel Process 12/08/16 (16-032)
0609.01TP	Significance and Enforcement Review Panel Process 10/28/16 (16-028)
0609.02	Process for Appealing NRC Characterization of Inspection
	Findings (SDP Appeal Process) 06/08/11 (11-010)
0609.03	Senior Reactor Analyst (SRA) and Risk Analyst Support Expectations 04/29/15 (15-008)
0609.04	Initial Characterization of Findings 10/07/16 (16-026)
0609.05TP	Inspection Findings Review Board 10/28/16 (16-028)
0609, App A	Determining the Significance of Reactor Inspection Findings for At-
	Power Situations 06/19/12 (12-010)
0609, App B	Emergency Preparedness Significance Determination Process 09/22/15 (15-017)
0609, App C	Occupational Radiation Safety Significance Determination
	Process 08/19/08 (08-024)
0609, App D	Public Radiation Safety Significance Determination Process 02/12/08 (08-007)
0609, App E	Security Significance Determination Process for
0000, Арр Ц	Power Reactors 10/08/15 (15-019)
0609, App E	Part I Baseline Security Significance Determination Process for
0000, Арр Ц	Power Reactors 09/30/16 (16-024)
0609, App E	Part II Force-on-Force Significance Determination Process
0000, Арр Е	01/15/14 (14-001)
0609, App E	Part III Construction Fitness-for-Duty Significance Determination Process – Pilot 07/26/18 (18-021)
0609, App E	Part IV Cyber Security Significance Determination Process for Power Reactors 08/15/17 (17-014)
0609, App F	Fire Protection Significance Determination Process 05/02/18 (18-010)
0609, App F,	Att 1 Fire Protection SDP Worksheet 05/02/18 (18-010)
0609, App F,	Att 2 Degradation Rating Guidance 05/02/18 (18-010)
	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) Att 6 Guidance for the Identification of Targets and Their Ignition
•••••,	and Damage Criteria 05/02/18 (18-010)
0609, App F, A	Att 7 Guidance for Fire Non-Suppression Probability Analysis 05/02/18 (18-010)
0609, App F, A	Att 8 Tables and Plots Supporting the Phase 2 Risk Quantification 05/02/18 (18-010)
0609, App G	Shutdown Operations Significance Determination Process 05/09/14 (14-011)
0609, App G, /	Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/09/14 (14-011)
0609, App G,	Att 2 Phase 2 Significance Determination Process Template for PWR during Shutdown 02/28/05 (05-007)
0609, App G, .	Att 3 Phase 2 Significance Determination Process Template for BWR during Shutdown 02/28/05 (05-007)
0609, App H	Containment Integrity Significance Determination Process 05/06/04 (04-010)
0609, App I	Operator Requalification Human Performance Significance Determination Process [SDP] 12/06/11 (11-040)
0609, App J	Technical Basis for Steam Generator Tube Integrity Findings 07/06/11 (11-011)
0609, App K	Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)
0609, App L	B.5.b Significance Determination Process 12/24/09 (09-032)
0609, App M	Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036)
0609 App N	RESERVED SDP for ISFSI at Operating Plants
0609 App O	Significance Determination Process for Mitigating Strategies and Spent Fuel Pool Instrumentation 10/07/16 (16-026)
0610	Nuclear Material Safety and Safeguards Inspection Reports 05/18/04 (04-014)
0611	Power Reactor Inspection Reports 12/13/17 (17-029) Effective Date: 01/01/18
0611, Exh 1	Standard Reactor Inspection Report Outline 12/13/17 (17-029) Effective Date: 01/01/18
0611, Exh 2	Inspection Report Documentation Matrix 12/13/17 (17-029) Effective Date: 01/01/18
0611, App A	Acronyms Used in Inspection Reports 12/13/17 (17-029) Effective Date: 01/01/18
	Guidance for Supplemental Inspection Reports 12/13/17 (17-029) Effective Date: 01/01/18
0611, App D	Guidance for Problem Identification and Resolution Inspection Reports 12/13/17 (17-029) Effective Date: 01/01/18
0612	Issue Screening 05/03/17 (17-009)
0612	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 B Issue Screening 12/13/17 (17-029) Effective Date: 01/01/18
- 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 Power Reactor Construction Inspection Reports 02/09/17 (17-003)
- 0614 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 Fuel Cycle Safety and Safeguards Inspection Reports 08/15/17 (17-014)
- 0617 Vendor and Quality Assurance Implementation Inspection Reports 09/06/18 (18-030)
- 0620 Inspection Documents and Records 09/12/11 (11-015)

0700 Communications with Licensees

- 0730 Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)
- 0800 Feedback Improving the Regulatory Process
 - 0801Inspection Program Feedback Process 12/19/16 (16-034)0802RESERVED for the Part 52 Program
- 0900 Reporting of Events/Incidents
- 1000 Regional Office Program Interfaces
 - 1007 Interfacing Activities between Regional Offices of NRC and OSHA 05/06/16 (16-012)

1100 Notifications of Meetings and Conferences

1120 Preliminary Notifications 09/13/13 (13-021)

1200 Inspector Requirements

1201 Conduct of Employees 07/29/16 (16-019)

1202	Senior Resident Inspector Site Turnover 06/28/18 (18-017)
1220	Processing of NRC Form 241, "Report of Proposed Activities
	In Non-Agreement States," Areas of Exclusive Federal
	Jurisdiction and Offshore Waters, and Inspection of Agreement State
1000	Licensees Operating Under 10 CFR 150.20 05/01/03 (03-013)
1220, App I	Procedures and Guidelines for Processing NRC Form 241
1000 1	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)
1230	Quality Assurance Program for Radiological Confirmatory
	Measurements 10/01/83 (83-12)
1232	Collection, Preparation, and Shipment of Independent
	Measurement Samples 11/18/86 (86-52)
1240	Unescorted Access at Power Reactors 12/01/04 (04-027)
1245	Qualification Program for Operating Reactor Programs 08//23/18 (18-029)
1245, Att 1	General Overview of the Inspector Training and Qualification
	Program 08/24/17 (17-015)
1245, Att 2	Inspector Competencies 10/31/06 (06-032)
1245, Att 3	General Orientation Topics 10/31/06 (06-032)
1245, App A	Basic-Level Training and Qualification Journal 07/30/18 (18-023)
1245, App B	General Proficiency-Level Training and Qualification Journal 07/30/18 (18-023)
1245, App C1	Reactor Operations Inspector Technical Proficiency Training and
4045 4 00	Qualification Journal 12/19/16 (16-034)
1245, App C2	Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 08/23/18 (18-029)
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
<i>2</i> 11	Training and Qualification Journal 08/23/18 (18-029)
1245, App C7	Fire Protection Inspector Technical Proficiency Training and Qualification
, 11	Journal 07/30/18 (18-023)
1245, App C8	Vendor Inspector Technical Proficiency Qualification Journal
, 11	07/30/18 (18-023)
1245, App C9	Senior Reactor Analyst Training and Qualification Program
	07/30/18 (18-023)
1245, App C10	0 Operator Licensing (OL) Examiner Technical Proficiency
	Training and Qualification Journal 10/21/15 (15-020)
1245 App C1	1 Security Risk Analyst Technical Proficiency Training and Qualification
	Journal 08/30/13 (13-019)
1245, App C12	2 Safety Culture Assessor Training and Qualification Journal
	08/23/18 (18-029)
1245, App C13	3 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 06/07/18 (18-014)
- 1245, App D2 Inservice Inspection Advanced-Level Training 10/21/15 (15-020)
- 1245, App D3 Fire Protection Advanced-Level Training 08/23/18 (18-029)
- 1245, App D4 Advanced Electrical Inspector Technical Proficiency Training and Qualification Journal 12/29/11 (11-044)
- 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 D´	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)

1300 Incident Response

1301	Response to Non-Emergency Incidents Involving Radioactive Material 10/20/00 (00-022)
1302	Action Levels for Radiation Exposures and Contamination Associated with Materials Events Involving Members of the Public 07/14/05 (05-019)
1303	Requesting Emergency Acceptance of Radioactive Material by the U.S. Department of Energy 11/29/07 (07-037)
1304	RESERVED for Independent Split Sampling Program for Residual Radioactivity
1330	Response to Transportation Accidents Involving Radioactive Materials 10/06/04 (04-025)
1360	Use of Physician and Scientific Consultants in the Medical Consultant Program 11/02/06 (06-033)

1400 Environmental Monitoring

- 1415 State Contracts for Environmental Monitoring 06/28/91 (91-009)
- 1500 <u>Reserved</u>

1600 Emergency Preparedness

- 1601 Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 06/29/18 (18-018)
- 1700 Reserved
- 1800 <u>Reserved</u>
- 1900 <u>Reserved</u>
- 2000 <u>Reserved</u>
- 2100 Reserved

2200 Nuclear Security and Incident Response

2200, App A	y Inspection Program for Construction 09/07/12 (12-020) Security Construction Inspection Program 09/07/12 (12-020) y Inspection Program for Commercial Nuclear Power Reactors
	18 (18-026)
2201, App A	Security Baseline Inspection Program 11/09/16 (16-029)
2201, App B	Supplemental Inspection Program 08/20/18 (18-026)
2201, App C	Generic, Special, and Infrequent Inspections 08/20/18 (18-026)
2201, App D	Facility Status Reviews for Security and Safeguards Inspection Program
	08/20/18 (18-026)
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)
2202	Security Inspection Program for Decommissioning Reactors
	08/27/14 (14-019)
2202, App A	Security Core Inspection Program 08/27/14 (14-019)
2202, App B	Security Discretionary Inspection Program 10/06/14 (14-023)

2300 High Level Waste

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

2400 Low Level Waste Program

2401	Near-Surface Low-Level Radioactive Waste Disposal
	Facility Inspection Program 11/27/01 (01-028)
~	

2410 Conduct of Observation Audits 07/12/00 (00-012)

2500 Reactor Inspection Program

2501	Construction Inspection Program: Early Site Permit (ESP) 06/06/13 (13-013)
2502	Construction Inspection Program: Pre-Combined License (Pre- COL) Phase 12/13/10 (10-026)
2503	Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 07/05/12 (12-012)
2504	Construction Inspection Program: Inspections of Construction and Operational Programs 10/24/12 (12-025)
2505	Periodic Assessment of Construction Inspection Program Results 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 05/16/18 (18-013)
2508	Construction Inspection Program: Design Certification 09/06/16 (16-022)
2515	Light Water Inspection Program - Operations Phase 03/28/17 (17-008)
2515, App A	Risk-Informed Baseline Inspection Program 03/08/13 (13-008)
2515, App B	Supplemental Inspection Program 12/18/15 (15-031)
2515, App C	Special and Infrequently Performed Inspections 06/24/15 (15-012)
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)
2515, App G	Baseline Inspection Guidance for Power Reactors Preparing for Transition to Decommissioning Phase 02/01/16 (16-004)
2515/176	Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2515/179	Verification of Licensee Responses To NRC Requirement
Rev. 1	for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10, Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 05/27/10 (10-014)
2515/191	Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans 07/10/18 (18-020)
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)
2515/194	Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01) 10/31/17 (17-024)
2516	Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)
2518	RESERVEDfor Construction Inspection Program: Advanced Reactors, Pre Construction Permit (CP)
2519	Construction Significance Determination Process 12/06/17 (17-028)
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)
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) 05/01/18 (18-009)
2561	Decommissioning Power Reactor Inspection Program 03/06/18 (18-007)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 06/12/18 (18-015)
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 06/12/18 (18-015)
2600, App C	
2600, App D	
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
	Cycle Facilities and Materials Licensees 07/29/08 (08-021)
2603	RESERVED for Fuel Cycle Facility Construction Inspection Program
	Assessment
2604	Licensee Performance Review 09/20/16 (16-023)
2606	Assessment of the Change in Risk Resulting From a Violation at a Fuel Cycle Facility 04/01/16 (16-010)
2606, E-2	Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022)
2620	On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill
	Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act)
	10/05/01 (01-020)
2630	Mixed Oxide Fuel Fabrication Facility Construction Inspection Program
	09/20/16 (16-023)
2635	RESERVED for Uranium Enrichment Facility Construction and Pre-
	Operational Readiness Review Inspection Programs

2641	In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
2650	RESERVED for Fuel Cycle Oversight Self-Assessment Program
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)
2690/011	Review of Aging Management Programs at Independent Spent Fuel
	Storage Installations 01/30/18 (18-002)
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 Licensee Contractor and Vendor Inspection Program

2800 Materials Inspection Program

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)
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
Rev 2	226 Sources 05/09/18 (18-011)
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 Performance Appraisal Program

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

3000 Management Meetings

30800	Initial Management Meeting - Materials Licensees 10/	01/76 (76-26)
-------	--	---------------

- 3100 Reserved
- 3200 Reserved
- 3300 <u>Reserved</u>
- 3400 <u>Reserved</u>
- 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)

- 35101QA Program Implementation Inspection for Operational Programs
07/08/16 (16-015)35701Quality Assurance Program Review 09/17/01 (01-017)
- 35710 Quality Assurance Inspection of Software Used in Nuclear Applications 01/30/18 (18-002)
- 35962 RESERVED for Part 52 QA Program Evaluation of Engineering Service Organization
- 3600 Organization and Administration

36100	Inspection of 10 CFR Parts 21 and 50.55(e) Programs for
	Reporting Defects and Noncompliance 02/13/12 (12-002)
36100.01	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and
	Noncompliance During Construction 02/13/12 (12-002)
36302	Part 52. Operational Staffing 08/19/08 (08-024)
36801	Organization, Management, and Cost Controls at Permanently Shutdown
	Reactors 08/11/97 (97-012)

3700 Design, Design Changes, Modifications

37060	Inspections under the 10CFR Part 50.69 Special Program
	09/14/11 (11-016)
37700	Design Changes, and Modifications 09/17/01 (01-017)
37801	Safety Reviews, Design Changes, and Modifications at
	Permanently Shutdown Reactors 08/11/97 (97-012)
37803	RESERVED
37804	Aircraft Impact Assessment Inspection 02/09/12 (12-001)
37805	Engineering Design Verification Inspections 04/25/11 (11-007)

- 3800 Procurement
- 3900 Records
 - 39701 Records Program 09/17/01 (01-017)

4000 Review and Audit

40001	Resolution of Employee Concerns 06/03/97 (97-006)
40002	Inspections to Review Allegations 06/28/02 (02-024)
40100	Independent Safety Culture Assessment Follow-up 07/26/18 (18-022)
40505	RESERVED for Effectiveness of Process to Identify, Resolve, and
	Prevent 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)

41500	Training and Qualification Effectiveness 06/13/95 (95-007)
41501	Review of Training and Qualification Programs
	04/27/16 (16-011)
41502	Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

4200 Procedures

4100 Training

42001 Emergency Operating Procedures 06/28/91 (91-009))
42401 Part 52, Plant Procedures10/27/10 (10-022)	
42453 Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454 Part 52, Emergency Operating Procedures 09/09/13	(13-020)
42700 Plant Procedures 11/15/95 (95-015)	, ,

4300 Vendor Procedures

43002	Routine Inspections of Nuclear Vendors 01/27/17 (17-002)
43003	Reactive Inspections of Nuclear Vendors 12/14/15 (15-029)
43004	Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002)
43005	NRC Oversight of Third-Party Organizations Implementing Quality
	Assurance Requirements 10/08/15 (15-019)
43006	Inspection of the Implementation of Mitigation Strategies Orders Regarding the Use of National Response Centers 09/30/16 (16-025)

4400 <u>Reserved</u>

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 <u>Structural Concrete</u>
- 4700 Containment (Post-Tensioning)
- 4800 <u>Structural Steel and Supports</u>
- 4900 Piping

5000 Mechanical 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 Con	nponents and Systems	
	51080	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 10/31/08 (08-031)	
5300	Containment Penetrations		
5400	<u>Cleanliness</u>		
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	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	

5800 Special Processes

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

60705	Preparation for Refueling 07/27/95 (95-009)		
60710	Refueling Activities 07/27/95 (95-009)		
60715	Spent Fuel Safety at Operating Reactors 10/30/15 (15-022)		
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (16-001)		
60845	Operation of Intra-Unit Fuel Transfer Canister and Cask System 04/26/12 (12-007)		
60851	Design Control of ISFSI Components 01/16/08 (08-003)		
60852	ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003)		
60853	On-Site Fabrication of Components and Construction of an ISFSI 01/16/08 (08-003)		
60854	Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)		
60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022)		
60855	Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)		
60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants 09/05/06 (06-022)		
60856	Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010)		
60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003)		
60857	Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033)		
60858	Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)		
60859	RESERVED for Welding Verification Checklist for Transportation and ISFSI Components		
60860	RESERVED for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components		
60861	RESERVED for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components		
60862	RESERVED for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components		
60863	RESERVED for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review		
60864	RESERVED for Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components		

6100 <u>Surveillance</u>

61705	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)
61706	Core Thermal Power Evaluation 07/14/86 (86-36)
61707	Determination of Reactor Shutdown Margin 10/11/85 (85-31)
61708	Isothermal and Moderator Temperature Coefficient
	Determinations 10/11/85 (85-31)
61709	Total Power Coefficient of Reactivity at Pressurized
	Water Reactors 07/14/86 (86-36)
61710	Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
61715	Verification of Containment Integrity 12/23/86 (86-60)
61720	Containment Local Leak Rate Testing 10/03/85 (85-30)
61726	Surveillance Observations 06/24/98 (98-010)
61728	Independent Measurement of RCS Leak Rates for a PWR
	01/01/84 (84-02)

6200 Maintenance

62002	Inspection of Structures, Passive Components, and Civil		
	Engineering Features at Nuclear Power Plants 12/31/96 (96-024)		
62003	Inspection of Steel and Concrete Containments at Nuclear		
	Power Plants 06/11/97 (97-008)		
62706	Maintenance Rule 12/13/00 (00-028)		
62708	Motor-Operated Valve Capability 10/23/13 (13-026)		
62709	Configuration Risk Assessment and Risk Management Process		
	12/28/00 (00-029)		
62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding		
	04/30/10 (10-013)		
62711	RESERVED for Operational Reliability Assurance Process		
62712	Part 52, Maintenance Rule 08/13/13 (13-017)		
62801	Maintenance and Surveillance at Permanently Shutdown		
	Reactors 08/11/97 (97-012)		

6300 Construction Testing

6400 Fire Prevention/Protection

	RESERVED for Part 52 Post fire Safe Shutdown, Emergency Lighting
	and Oil Collection Capabilities
64704	Fire Protection Program 06/24/98 (98-010)
64705	Part 52, Fire Protection Operational Program 10/03/07 (07-030)

6500 10 CFR Part 52 ITAAC Inspections

65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria
	(ITAAC) Related Work 08/13/13 (13-017)
65001.01	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
05004.00	Systems 08/19/08 (08-024)
65001.09	Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable
05004.40	08/05/09 (09-019)
65001.10	Inspection of ITAAC-Related Installation of Instrument Components and
05004.44	Systems 10/20/08 (08-029)
65001.11	Construction Inspection Program Inspection of ITAAC-Related
05004.40	Containment Integrity and Containment Penetration 08/19/08 (08-024)
65001.12	Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air
	Conditioning Systems 07/29/08 (08-021)
65001.13	Inspection of ITAAC-Related Installation of Load Handling Equipment and
05004.44	Fuel Racks 08/05/09 (09-019)
65001.14	Inspection of ITAAC-Related Installation of Complex Systems with
05004 45	Multiple Components 06/24/15 (15-012)
65001.15	Inspection of ITAAC-Related Installation of Fire Protection Equipment
65001 16	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
65001.18	Components 09/30/16 (16-025) Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
65001.18	Inspection of Installation of ITAAC-Related Radiation Monitoring
05001.19	Components and Systems 10/20/08 (08-029)
65001.20	Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-
00001.20	Related ITAAC 06/02/11 (11-009)
65001.21	Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria
00001.21	(DAC) – Related ITAAC 11/07/11 (11-029)
65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software
00001.22	Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
65001.23	Inspection of Human Factors Engineering Integrated System Validation
00001120	ITAAC 12/22/14 (14-031)
65001.23. Ap	p A Inspection Guide for AP1000 Human Factors Engineering Integrated
•••••, <u>–</u> •,p	System Validation 12/22/14 (14-031)
65001.A	ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
65001.B	Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023)
65001.C	Inspection of the ITAAC-Related Construction Test Program
_	04/18/14 (14-010)
65001.D	Inspection of the ITAAC-Related Operational Testing Program
	05/09/14 (14-011)
65001.E	Inspection of the ITAAC-Related Qualification Program 06/20/14 (14-013)
65001.F	Inspection of the ITAAC-Related Design and Fabrication Requirements
	09/20/13 (13-022)

- 6600 <u>Reserved</u>
- 6700 <u>Reserved</u>
- 6800 <u>Reserved</u>

6900 Non-Power Reactor Inspection

69001	Class II Research and Test Reactors 02/03/04 (04-004)		
69002	Class III Research and Test Reactors 02/03/04 (04-004)		
69003	Class I Research and Test Reactor Operator Licenses,		
	Requalification, and Medical Examinations 02/03/04 (04-004)		
69004	Class I Research and Test Reactor Effluent and Environmental Monitoring 02/03/047 (04-004)		
69005	Class I Research and Test Reactor Experiments 02/03/04 (04-004)		
69006	Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)		
69007	Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)		
69008	Class I Research and Test Reactor Procedures 02/03/04 (04-004)		
69009	Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)		
69010	Class I Research and Test Reactor Surveillance 02/03/04 (04-004)		
69011	Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)		
69012	Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)		
69013	Research and Test Reactor Decommissioning 02/03/04 (04-004)		
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

70307	Containment Integrated Leak Rate Test - Procedure
	Review 03/07/86 (86-13)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70367	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
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 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 11/28/17 (17-027)
71111.04	Equipment Alignment 09/24/14 (14-022)
71111.05	Fire Protection 08/01/18 (18-025)
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
	12/20/17 (17-030)
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)
71111.18	Plant Modifications 11/17/16 (16-031)
71111.19	Post Maintenance Testing 06/07/18 (18-014)
71111.20	Refueling and Other Outage Activities 11/28/17 (17-027)
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
	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 12/21/17 (17-031)
71124.01	Radiological Hazard Assessment and Exposure Controls
	12/21/17 (17-031)

71124.02	Occupational ALARA Planning and Controls 12/21/17 (17-031)
71124.03	In-Plant Airborne Radioactivity Control and Mitigation 12/21/17 (17-031)
71124.04	Occupational Dose Assessment 12/21/17 (17-031)
71124.05	Radiation Monitoring Instrumentation 04/01/16 (17-031)
71124.06	Radioactive Gaseous and Liquid Effluent Treatment 12/21/17 (17-031)
71124.07	Public Radiation Safety 12/21/17 (17-031)
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling,
	Storage, and Transportation 12/21/17 (17-031)
71130	Security 08/23/18 (18-028)
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)
71303	Part 52, Technical Specifications Review 10/20/08 (08-029)
71714	Cold Weather Preparations 09/17/01 (01-017)
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)
71801	Decommissioning Performance and Status Review at
	Permanently Shutdown Reactors 08/11/97 (97-012)
71841	Human Performance 12/12/00 (00-027)

7200 Startup Testing

72303	Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
72304	Startup Testing for AP 1000: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
72401	Part 52, Inspection of Startup Test Program 06/24/14 (14-014)
72501	RESERVED for Part 52 Initial Fuel Load Procedure Review
72525	RESERVED for Part 52 Initial Fuel Load Witnessing
In-service In	spection
73052	In-service Inspection - Review of Procedures 01/14/86 (86-03)
73054	Part 52, Pre-service and In-service Inspection - Review of Program
	05/03/17 (17-009)
73753	In-service Inspection 06/24/98 (98-010)
73754	Part 52 - Preservice Inspection - Non-Destructive Examination
	·

7300

	12/12/13 (13-028)
73755	In-service Inspection - Data Review and Evaluation 10/27/10 (10-022)
73756	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
	09/06/18 (18-030)

- 7400 <u>Reserved</u>
- 7500 <u>Reserved</u>
- 7600 <u>Reserved</u>
- 7700 <u>Reserved</u>
- 7800 High Level Waste
 - 78010 10 CFR Part 21 Program 09/11/08 (08-026)

7900 Water Chemistry

79503	RESERVED for Part 52 LWR Water Chem. Control & Chem. Analysis
	(Pre-Op and Supp)
79504	RESERVED for Part 52 Plant systems Affecting Plant Water Chem.
79702	Control and monitoring of Radiological Source Term 04/17/00 (00-006)

8000 Environmental Protection

80211	RESERVED for Part 52 Environmental Protection - Initial & Periodic Inspection
80522	Part 52, Radiological Environmental Monitoring Program (REMP) 07/01/08 (08-019)
80600 80721	RESERVED for Independent Assessment of Site Radiological Conditions 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)
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 08/27/14 (14-019)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors
	10/21/14 (14-025)
81200.02	Access Control for Decommissioning Nuclear Power Reactors
	08/27/14 (14-019)
81200.03	RESERVED for Decommissioning Force-on-Force Testing
81200.04	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)
81504	Fitness for Duty Program for Construction 10/15/09 (09-024)
81700.01	Category I Fuel Cycle Facility Strategic Special Nuclear Material Security Controls 05/15/17 (17-010)
81700.02	Category I Fuel Cycle Facility Access Control Measures 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 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 Emergency Planning

82001 82002 82002.01	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)
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 04/10/18 (18-008)

82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)
82301	Evaluation of Exercises for Power Plants 04/24/13 (13-012)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012)
82401	Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020)
82501	Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020)
82701	Operational Status of the Emergency Preparedness Program 04/24/13 (13-012)

8300 Radiation Protection

83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
83311	RESERVED for Part 52, Radiation Protection During Construction
83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring
00002.01	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
00002.00	Radioactive Material Control Program 04/17/00 (00-006)
83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and
00020	Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)
83527	Facilities and Equipment (Preoperational and Supplemental) 01/01/84
03327	(reactivated 08-032)
02520	
83529 83531	RESERVED for Part 52 Radiation Protection – Startup
03031	Part 52 Life Cycle Minimization of Contamination and Groundwater
02522	Protection Program 12/21/16 (16-035)
83532	RESERVED for Part 52 Radiation Protection, Plant Chemistry, and
00500	Radwaste Training
83533	Part 52 External Occupational Exposure Control and Personal Dosimetry
02521	10/27/10 (10-022) Dort 52, Internel Expedition Control and Accessment 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)
83728	Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
83729	Occupational Exposure during Extended Outages 12/31/91 (91-021)
00120	

83746	Part 52 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)
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 Material Control and Accountability

85102 85103	Material Control and Accounting - Reactors 03/29/85 (85-10) 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 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)
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

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
87104	Bankruptcy Filing 11/03/00 (00-023) 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)
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 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 88003	On-Site Construction 04/15/94 (94-011) Reactive Inspection for Events at Fuel Cycle Facilities
00003	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 08/21/18 (18-027)
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 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)
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 88113 88114	RESERVED for Software Validation Control of the Electronic Management of Data 02/07/07 (07-006) Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade Item Dedication Process [Reactive] 10/25/06 (06-030)
	88115 88117	Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030) 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 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 88136	Surveillance Testing 01/31/14 (14-004) 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 RESERVED for Environmental Protection - Initial and Periodic
	88158	
	88159	Inspections 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 a	and Materials Special Program
	89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)

9000 Reportable Matters and Report Reviews

90001	Construction Regulatory Response Column Inspections 10/27/10 (10-022)
90002	Construction Degraded Performance Column Inspections 10/28/14 (14-026)
90003	Construction Multiple/Repetitive Degraded Cornerstone Column Inspection 10/28/14 (14-026)
90502	RESERVED for Part 52 Reportable Matters - Test Program
90700	Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)
90712	In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
90713	In Office Review of Periodic and Special Reports 09/17/01 (01-017)
90714	Non-routine Reporting Program 09/17/01 (01-017)

9100 <u>Title 10 Requirements</u>

9200 Planned Non-Routine Activities

92050	Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005)
92700	Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)
92701	Follow-up 03/13/07 (07-010)
92702	Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001)
92703	Follow-up of Confirmatory Action Letters 05/13/09 (09-012)
92709	Licensee Strike Contingency Plans 03/14/14 (14-008)
92711	Continued Implementation of Strike Plans During an Extended Strike 03/14/14 (14-008)
92712	Resumption of Normal Operations After a Strike 03/14/14 (14-008)
92714	RESERVED for Part 52 Follow-up
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 92902 92903 92904	Follow-up - Plant Operations 09/17/01 (01-017) Follow-up - Maintenance 09/17/01 (01-017) Follow-up - Engineering 09/17/01 (01-017) 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
00700	07/26/18 (18-022)
93702	Prompt Onsite Response to Events at Operating Power
	Reactors 09/17/01 (01-017)
93800	Augmented Inspection Team 11/15/17 (17-025)
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 11/15/17 (17-025)
93813	RESERVED for Part 52 Operational Readiness Assessment Team
35015	Inspection
02015	
93815	Part 52, Operational Programs Implementation Inspection
	12/23/11 (11-043)

- 9400 Technical Activities of an Administrative Nature
 - 94301 RESERVED for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load

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
	One Red Input 12/18/15 (15-031)
95003.01	Emergency Preparedness 01/15/09 (09-002)
95003.02	Guidance for Conducting an Independent NRC Safety Culture
	Assessment) 04/03/14 (14-009)

9600 Materials Safety and Security

96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 12/22/14 (12-031)

- 9700 <u>Reserved</u>
- 9800 <u>Reserved</u>
- 9900
 Guidance²

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

<u>PART</u>

GUIDANCE

Technical Guidance

ASME Section III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
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>

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

Voluntary Entry into Limiting Conditions for Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001) Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011) Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018) Preconditioning of Structures, Systems, and Components (SSCs) Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]

Mechanical

Freeze Plugs 06/14/93 (93-005) Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014) Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033) [TG_Mech SGTUBELKG.wpd] Ice Condenser System Inspections 06/06/05 (05-015)

Operations

Notice of Enforcement Discretion for Gaseous Diffusion Plants 05/03/99 (99-008) [NOEDGAS.TG]

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

<u>PART</u>

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)
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