
TABLE OF CONTENTS

Table of Contents Current through Change Notice 17-018 issued 09/12/2017

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC
Inspection Manual 12/19/16 (16-034)

0100 Program Responsibilities

0102 Oversight and Objectivity of Inspectors and Examiners
at Reactor Facilities 04/24/13 (13-012)

0111 Monitoring Activities for the DOE West Valley
Demonstration Project 03/04/02 (02-006)

0200 Program Management Reports

0300 Inspection Policy

0301 Coordination of NRC Visits to Commercial Reactor Sites
08/24/01 (01-016)

0302 RESERVED Coordination of Regional Requests For NRR Staff To
Conduct Inspection Activities

0305 Operating Reactor Assessment Program 11/17/16 (16-031)

0306 Planning, Tracking and Reporting of the Reactor Oversight Process
12/23/15 (15-032)

0307 Reactor Oversight Process Self-Assessment Program
11/23/15 (15-025)

0307, App A Reactor Oversight Process Self-Assessment Metrics 08/25/17 (17-016)

0307, App B ROP Realignment Process 08/25/17 (17-016)

0307, App C Reactor Oversight Process Self-Assessment Regional Peer Reviews
07/15/16 (16-016)

0308 Reactor Oversight Process (ROP) Basis Document 09/04/14 (14-020)

0308, Att 1 Technical Basis for Performance Indicators 11/08/07 (07-035)

0308, Att 2 Technical Basis for Inspection Program 10/16/06 (06-027)

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 Basis for At Power Significance Determination 06/19/12 (12-010) |
| 0308, Att 3, App B | Technical Basis for Emergency Preparedness Significance Determination Process 12/19/12 (12-029) |
| 0308, Att 3, App C | Technical Basis for Occupational Radiation Safety Significance Determination Process 07/28/05 (05-022) |
| 0308, Att 3, App D | Technical Basis for Public Radiation Safety Significance Determination Process 07/27/04 (04-020) |
| 0308, Att 3, App E | Technical Basis for the Baseline Security Significance Determination Process 07/27/12 (12-016) |
| 0308, Att 3, App F | Technical Basis for Fire Protection Significance Determination Process [IMC 0609, Appendix F] At Power Operations 02/28/05 (05-007) |
| 0308, Att 3, App G | Technical Basis for Shutdown Operations Significance Determination Process 02/28/05 (05-007) |
| 0308, Att 3, App H | Technical Basis for Containment Integrity Significance Determination Process 05/06/04 (04-010) |
| 0308, Att 3, App I | Technical Basis for Operator Requalification Human Performance Significance Determination Process 07/28/05 (05-022) |
| 0308, Att 3, App J | Technical Basis for Steam Generator Tube Integrity Findings Significance Determination Process 07/06/11 (11-011) |
| 0308, Att 3, App K | Technical Basis for Maintenance Risk Assessment and Risk Management SDP 05/19/05 (05-014) |
| 0308 Att 3 App L | Technical Basis for the B.5.b Significance Determination Process 03/28/17 (17-008) |
| 0308 Att 3 App M | Technical Basis for the Significance Determination Process (SDP) Using Qualitative Criteria 06/11/14 (14-012) |
| 0308 Att 3 App N | RESERVED for Technical Basis for the Spent Fuel Pool Significance Determination Process |
| 0308, Att 4 | Technical Basis for Assessment 05/15/17 (17-010) |
| 0308, Att 5 | Technical Basis for Enforcement 10/16/06 (06-027) |
| 0308, Att 6 | Basis Document for the Security Cornerstone of the Reactor Oversight Process 09/08/09 (09-021) |
| 0309 | Reactive Inspection Decision Basis for Reactors 10/28/11 (11-023) |
| 0310 | Aspects Within the Cross-Cutting Areas 12/04/14 (14-029) |
| 0312 | Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023) |
| 0320 | Operating Reactor Security Assessment Program 06/13/12 (12-009) |
| 0321 | Reserved for Operability Determinations & Functionality Assessments of Conditions Adverse To Quality or Safety |
| 0326 | Operability Determinations and Functionality Assessments for Conditions Adverse to Quality or Safety 12/03/15 (15-028) |
| 0330 | Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015) |
| 0350 | Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 12/15/06 (06-035) |
| 0351 | Now IMC 0375 |
| 0375 | Implementation of the Reactor Oversight Process at Reactor Facilities in an Extended Shutdown Condition for Reasons Not Related to Performance 11/13/15 (15-024) |

0400 Enforcement Policy

0410 Notices of Enforcement Discretion
03/13/13 (13-009)

0410, App A Reserved for Design Compliance Enforcement Discretion

0500 Tracking Systems

0600 Documentation of Program Findings

0608 Performance Indicator Program 09/26/12 (12-022)
0609 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 Power Reactors 10/08/15 (15-019)
0609, App E Part I Baseline Security Significance Determination Process for Power Reactors 09/30/16 (16-024)
0609, App E Part II Force-on-Force Significance Determination Process 01/15/14 (14-001)
0609, App E(P) Part III Construction Fitness-for-Duty Significance Determination Process – Pilot 09/19/12 (12-021)
0609, App E Part IV Cyber Security Significance Determination Process for Power Reactors 08/15/17 (17-014)
0609, App F Fire Protection Significance Determination Process 09/20/13 (13-02)
0609, App F, Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 09/20/13 (13-022)
0609, App F, Att 2 Degradation Rating Guidance Specific to Various Fire Protection Program Elements 02/28/05 (05-007)
0609, App F, Att 3 Guidance for Identifying Fire Growth and Damage Scenarios 02/28/05 (05-007)
0609, App F, Att 4 Fire Ignition Source Mapping Information: Fire Frequency, Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves 02/28/05 (05-007)

| | |
|--------------------|--|
| 0609, App F, Att 5 | Characterizing Non-Simple Fire Ignition Sources 02/28/05 (05-007) |
| 0609, App F, Att 6 | Guidance for the Identification of Targets and Their Ignition and Damage Criteria 02/28/05 (05-007) |
| 0609, App F, Att 7 | Guidance for Fire Growth and Damage Time Analysis 02/28/05 (05-007) |
| 0609, App F, Att 8 | Guidance for Fire Non-Suppression Probability Analysis 02/28/05 (05-007) |
| 0609, App G | Shutdown Operations Significance Determination Process 05/09/14 (14-011) |
| 0609, App G, Att 1 | Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/09/14 (14-011) |
| 0609, App G, Att 2 | Phase 2 Significance Determination Process Template for PWR during Shutdown 02/28/05 (05-007) |
| 0609, App G, Att 3 | Phase 2 Significance Determination Process Template for BWR during Shutdown 02/28/05 (05-007) |
| 0609, App H | Containment Integrity Significance Determination Process 05/06/04 (04-010) |
| 0609, App I | Operator Requalification Human Performance Significance Determination Process [SDP] 12/06/11 (11-040) |
| 0609, App J | Technical Basis for Steam Generator Tube Integrity Findings 07/06/11 (11-011) |
| 0609, App K | Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014) |
| 0609, App L | B.5.b Significance Determination Process 12/24/09 (09-032) |
| 0609, App M | Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036) |
| 0609 App N | RESERVED SDP for ISFSI at Operating Plants |
| 0609 App O | 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 05/03/17 (17-009) EFFECTIVE 01/01/2018 |
| 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 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 08/15/17 (17-016) |
| 0620 | Inspection Documents and Records 09/12/11 (11-015) |
| 0700 | <u>Communications with Licensees</u> |
| 0730 | Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011) |
| 0800 | <u>Feedback - Improving the Regulatory Process</u> |
| 0801 | Inspection Program Feedback Process 12/19/16 (16-034) |
| 0802 | Reserved for the Part 52 Program |
| 0900 | <u>Reporting of Events/Incidents</u> |
| 1000 | <u>Regional Office Program Interfaces</u> |
| 1007 | Interfacing Activities between Regional Offices of NRC and OSHA 05/06/16 (16-012) |
| 1100 | <u>Notifications of Meetings and Conferences</u> |
| 1120 | Preliminary Notifications 09/13/13 (13-021) |
| 1200 | <u>Inspector Requirements</u> |
| 1201 | Conduct of Employees 07/29/16 (16-019) |
| 1202 | Senior Resident Inspector Site Turnover 10/31/08 (08-031) |
| 1220 | Processing of NRC Form 241, "Report of Proposed Activities In Non-Agreement States," Areas of Exclusive Federal Jurisdiction and Offshore Waters, and Inspection of Agreement State Licensees Operating Under 10 CFR 150.20 05/01/03 (03-013) |
| 1220, App I | Procedures and Guidelines for Processing NRC Form 241 05/01/03 (03-013) |
| 1220, App II | Procedures Letter to be Sent to Licensees with Procedures and Information for Filing NRC Form 241 05/01/03 (03-013) |
| 1220, App III | Inspection of Agreement State Licensees 05/01/03 (03-013) |

| | |
|---------------|---|
| 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 08/24/17 (17-015) |
| 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 08/24/17 (17-015) |
| 1245, App B | General Proficiency-Level Training and Qualification Journal 08/24/17 (17-015) |
| 1245, App C1 | Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 12/19/16 (16-034) |
| 1245, App C2 | Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 12/19/16 (16-034) |
| 1245, App C3 | Health Physics Inspector Technical Proficiency Training and Qualification Journal 02/20/17 (17-004) |
| 1245, App C4 | Reactor Security Inspector Technical Proficiency Qualification Training and Qualification Journal 11/29/13 (13-027) |
| 1245, App C5 | Research and Test Reactor Inspector Technical Proficiency Qualification Journal 07/08/09 (09-017) |
| 1245, App C6 | Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09-017) |
| 1245, App C7 | Fire Protection Inspector Technical Proficiency Training and Qualification Journal 10/21/15 (15-020) |
| 1245, App C8 | Vendor Inspector Technical Proficiency Qualification Journal 12/19/12 (12-029) |
| 1245, App C9 | Senior Reactor Analyst Training and Qualification Program 11/24/15 (15-026) |
| 1245, App C10 | Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/21/15 (15-020) |
| 1245, App C11 | Security Risk Analyst Technical Proficiency Training and Qualification Journal 08/30/13 (13-019) |
| 1245, App C12 | Safety Culture Assessor Training and Qualification Journal 05/24/17 (17-011) |
| 1245, App C13 | Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016) |
| 1245, App 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 qual |
| 1245, App D1 | Maintaining Qualifications 08/24/17 (17-015) |
| 1245, App D2 | Inservice Inspection Advanced-Level Training 10/21/15 (15-020) |
| 1245, App D3 | Fire Protection Advanced-Level Training 12/19/12 (12-029) |
| 1245, App D4 | Advanced Electrical Inspector Technical Proficiency Training and Qualification Journal 12/29/11 (11-044) |

| | |
|--------------|--|
| 1246 | Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 10/26/11 (11-022) |
| 1246, App A | Training Activities 10/26/11 (11-022) |
| 1246, App B1 | Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Reviewer 10/26/11 (11-022) |
| 1246, App B2 | Training Requirements and Qualification Journal for Spent Fuel Storage and Transportation Inspector 10/26/11 (11-022) |
| 1246, App B3 | Training Requirements and Qualification Journal for Independent Spent Fuel Storage Installation Inspector 11/07/11 (11-028) |
| 1246, App B4 | Independent Spent Fuel Storage Installation Security Inspector Technical Proficiency Training and Qualification Journal 08/08/13 (13-016) |
| 1246, App C1 | Training Requirements and Qualification Journal for Fuel Cycle License Reviewer 10/26/11 (11-022) |
| 1246, App C2 | Training Requirements and Qualification Journal for Fuel Cycle Project Manager 10/26/11 (11-022) |
| 1246, App C3 | Training Requirements and Qualification Journal for Material Control and Accounting License Reviewer 10/26/11 (11-022) |
| 1246, App C4 | Training Requirements and Qualification Journal for Fuel Cycle Safeguards Physical Security Inspector 10/26/11 (11-022) |
| 1246, App C5 | Training Requirements and Qualification Journal for International Safeguards Analysts, Nuclear Materials Management and Safeguards System (NMMSS) Analysts, and Import/Export Analysts 06/27/16 (16-014) |
| 1246, App D1 | Training Requirements and Qualification Journal for High Level Waste Repository License Technical Reviewer 10/26/11 (11-022) |
| 1246, App D2 | Training Requirements and Qualification Journal for High Level Waste Repository Inspector 10/26/11 (11-022) |
| 1247 | Qualification Program for Fuel Facility Inspectors in the Nuclear Material Safety and Safeguards Program Area 10/28/14 (14-026) |
| 1247, App A | Basic-Level Training and Certification Journal Fuel Facility Inspector 06/27/14 (14-014) |
| 1247, App B | General Proficiency-Level Training and Qualification Journal 06/11/14 (14-012) |
| 1247, App C1 | Fuel Facility Operations Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012) |
| 1247, App C2 | Fuel Facility Health Physics Inspector Technical Proficiency Training and Qualification Journal 06/20/2014 (14-013) |
| 1247, App C3 | Fuel Facility Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012) |
| 1247, App C5 | Fuel Facility Material Control & Accounting Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012) |
| 1247, App C6 | Fuel Facility Nuclear Criticality Safety Inspector Technical Proficiency Training and Qualification Journal 06/11/14 (14-012) |
| 1247, App D | RESERVED for Advanced and Specialized Training Courses and Qualification Programs |
| 1247, App D1 | Fuel Facility Information Security Inspector Specialized Qualification Program Training and Qualification Journal 10/28/14 (14-026) |

| | |
|-------------|---|
| 1248 | Formal Qualification Programs for Federal and State Materials and Environmental Management Programs 04/19/13 (13-011) |
| 1248, App A | Materials Health Physics License Review Qualification Journal 04/19/13 (13-011) |
| 1248, App B | Materials Health Physics Inspector Qualification Journal 04/19/13 (13-011) |
| 1248, App C | Training Requirements and Qualification Journal for Materials Exempt Distribution License Reviewer 04/19/13 (13-011) |
| 1248, App D | Training Requirements and Qualification Journal for Byproduct Material Sealed Source and Device Reviewer 04/19/13 (13-011) |
| 1248, App E | Training Requirements and Qualification Journal for Division of Waste Management Inspector and License Reviewer 04/19/13 (13-011) |
| 1248, App F | Training Requirements and Qualification Journal for Decommissioning Inspectors 10/07/16 (16-026) |
| 1248, App G | Training Requirements and Qualification Journal for Decommissioning Project Managers and Technical Reviewers 01/13/16 (16-002) |
| 1248, App H | Training Requirements and Qualification Journal for Uranium Recovery Inspector 04/19/13 (13-011) |
| 1248, App I | Training Requirements and Qualification Journal for Uranium Recovery Project Manager/Technical Reviewer 04/19/13 (13-011) |
| 1248 App J | RESERVED |
| 1248 App K | Low-Level Waste Project Manager Qualification Journal 06/27/16 (16-014) |
| 1248 App L | Performance Assessment Technical Reviewer Qualification Journal 06/27/16 (16-014) |
| 1252 | Construction Inspector Training and Qualification Program 04/25/11 (11-007) |
| 1252, App A | Construction Inspector Basic-Level Training and Certification Journal 04/25/11 (11-007) |
| 1252, App B | Construction Inspector General Proficiency-Level Training and Qualification Journal 04/25/11 (11-007) |
| 1252, App C | Construction Inspector Post Qualification Requirements, Continuing and Refresher Training 04/25/11 (11-007) |

1300 Incident Response

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

| | |
|-------------|---|
| 1400 | <u>Reserved</u> |
| 1415 | State Contracts for Environmental Monitoring 06/28/91 (91-009) |
| 1500 | <u>Reserved</u> |
| 1600 | <u>Emergency Preparedness</u> |
| 1601 | Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 08/27/13 (13-018) |
| 1700 | <u>Reserved</u> |
| 1800 | <u>Reserved</u> |
| 1900 | <u>Reserved</u> |
| 2000 | <u>Reserved</u> |
| 2100 | <u>Reserved</u> |
| 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 09/07/12 (12-020) |
| 2201 | Security Inspection Program for Commercial Nuclear Power Reactors 09/22/15 (15-017) |
| 2201, App A | Security Baseline Inspection Program 11/09/16 (16-029) |
| 2201, App B | Supplemental Inspection Program 09/22/15 (15-017) |
| 2201, App C | Generic, Special, and Infrequent Inspections 09/22/15 (15-017) |
| 2201, App D | Facility Status Reviews for Security and Safeguards Inspection Program 09/22/15 (15-017) |
| 2201/003 | Reserved for Fitness for Duty Part 26 Subpart K |
| 2201/004 | Inspection of Implementation of Interim Cyber Security Milestones 1-7 12/22/14 (14-031) |
| 2201/005 | Inspection of TVA WB1, Implementation of the Cyber Security Program Required by 10 CFR 73.54 and 10 CFR 73.55 07/03/14 (14-015) |
| 2202 | Security Inspection Program for Decommissioning Reactors 08/27/14 (14-019) |
| 2202, App A | Security Core Inspection Program 08/27/14 (14-019) |
| 2202, App B | Security Discretionary Inspection Program 10/06/14 (14-023) |

2300 High Level Waste

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

2400 Low Level Waste Program

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

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

2500 Reactor Inspection Program

2500 Reactor Inspection Program 11/06/86 (reactivated 09-020)

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 10/03/13 (13-024)

2508 Construction Inspection Program: Design Certification 09/06/16 (16-022)

2512 Light Water Reactor Inspection Program - Construction Phase 12/17/86
(reactivated 07-032)

2512 App I Light Water Reactor Inspection Program - Construction Phase –
Procedure List 10/16/07 (07-032)

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

2513, App A Light Water Reactor – Preoperational Testing Phase 08/05/08
(reactivated 08-023)

2513, App B Light Water Reactor – Operational Preparedness Phase 08/05/08
(reactivated 08-023)

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 08/25/17 (17-016)

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 Rev. 1 | 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) 05/27/10 (10-014) |
| 2515/190 | Inspection of Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 – Flooding Evaluation 09/04/15 (15-016) |
| 2515/191 | Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans 12/23/15 (15-032) |
| 2515/192 | Inspection of The Licensee's Interim Corrective Actions Associated With Interim Enforcement Policy for the Open Phase Condition (OPC) Design Vulnerabilities In Electric Power Systems 11/09/16 (16-029) |
| 2515/193 2516 | RESERVED for Inspection of the Implementation of EA-13-109 Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017) |
| 2518 | Reserved for Construction Inspection Program: Advanced Reactors, Pre Construction Permit (CP) |
| 2519 | Construction Significance Determination Process 07/15/13 (13-015) |
| 2522 | Construction Reactor Oversight Process Self-Assessment Program 07/28/14 (14-017) |
| 2522, App A | Construction Reactor Oversight Process Self-Assessment Metrics 10/19/16 (16-027) |
| 2523 | NRC Application of the Reactor Operating Experience Program in NRC Oversight Processes 06/19/13 (13-014) |
| 2530 | Integrated Design Inspection Program 04/24/85 (reactivated 10-006) |
| 2535 | Design Verification Programs 03/24/89 (reactivated 10-006) |
| 2545 | Research and Test Reactor Inspection Program 06/23/04 (04-018) |
| 2550 | Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50: Construction Inspection Program (CIP) 12/14/15 (15-029) |
| 2561 | Decommissioning Power Reactor Inspection Program 04/14/03 (03-012) |

2600 Fuel Cycle Facility Inspection Program

| | |
|-------------|--|
| 2600 | Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 09/24/15 (15-018) |
| 2600, App A | Guidance for Conducting Fuel Cycle Inspections 09/24/15 (15-018) |
| 2600, App B | NRC Core Inspection Requirements, Tables 1 and 2 09/24/15 (15-018) |
| 2600, App C | Fuel Cycle Resident Inspection Program 09/24/15 (15-018) |
| 2600, App D | Fuel Cycle Facility Inspection Planning 09/24/15 (15-018) |
| 2600/016 | Inspection of Activities Associated with NRC Generic Letter 2015-01 11/09/16 (16-029) |
| 2601 | Reactive Inspection Decision Making Process for Fuel Facilities 09/20/16 (16-023) |

| | |
|-----------|---|
| 2602 | Decommissioning Oversight and Inspection Program for Fuel Cycle Facilities and Materials Licensees 07/29/08 (08-021) |
| 2603 | Reserved for Fuel Cycle Facility Construction Inspection Program Assessment |
| 2604 | Licensee Performance Review 09/20/16 (16-023) |
| 2606 | Assessment of the Change in Risk Resulting From a Violation at a Fuel Cycle Facility 04/01/16 (16-010) |
| 2606, E-2 | Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022) |
| 2620 | On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act) 10/05/01 (01-020) |
| 2630 | Mixed Oxide Fuel Fabrication Facility Construction Inspection Program 09/20/16 (16-023) |
| 2635 | Reserved for Uranium Enrichment Facility Construction and Pre-Operational Readiness Review Inspection Programs |
| 2641 | In-Situ Leach Facilities Inspection Program 08/25/00 (00-014) |
| 2681 | Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 05/15/17 (17-010) |
| 2681/009 | Inspection Guidance and Requirements for Physical Protection of the Transfer, Loading and Shipment of Irradiated Special Nuclear Material from General Atomics Facility, San Diego, California to U.S. Department of Energy, Idaho National Laboratory, Scoville, Idaho 08/12/10 (10-017) |
| 2682 | Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18) |
| 2683 | MC&A Safeguards Inspection of Fuel Facilities 05/09/14 (14-011) |
| 2690 | Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packagings 03/09/12 (12-004) |
| 2694 | Fuel Cycle Facility Construction and Pre-operational Readiness Review Inspection Programs 0830/17 (17-017) |
| 2696 | Louisiana Energy Services Gas Centrifuge Facility Construction and Pre-Operational Readiness Review Inspection Programs 10/19/06 (06-028) |
| 2700 | <u>Licensee Contractor and Vendor Inspection Program</u> |
| 2800 | <u>Materials Inspection Program</u> |
| 2800 | Materials Inspection Program 09/12/17 (17-018) |
| 2800/030 | Verification of the Status of Devices Authorized For Use Under a General License 05/30/00 (00-011) |
| 2800/032 | Follow-up - Materials Safeguard Advisory 10/31/01 (01-023) |
| 2800/036 | Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024) |
| 2800/037 | Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019) |
| 2800/038 | Inspection of the Implementation of Increased Controls for Licensees Authorized to Possess Risk Significant Radioactive Material 03/30/06 (06-008) |

| | |
|----------|---|
| 2800/039 | Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10 Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 04/09/09 (09-011) |
| 2800/040 | Material Control and Accounting at Nuclear Power Plants and Wet Storage Sites 03/07/11 (11-002) |
| 2800/041 | 10 CFR Part 37 Materials Security Review at Facilities with a Title 10 Code of Federal Regulations Part 73 Physical Protection Program 07/01/15 (15-013) |
| 2800/042 | Evaluation of Trustworthiness and Reliability Determinations 11/25/15 (15-027) |
| 2800/043 | Inspection of Facilities Potentially Contaminated with Discrete Radium-226 Sources 01/06/17 (17-001) |
| 2801 | Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014) |
| 2810 | Master Materials License Oversight and Inspection Program 10/11/12 (12-023) |
| 2815 | Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010) |
| 2882 | Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029) |
| 2900 | <u>Performance Appraisal Program</u> |
| 2901 | Team Inspections 08/24/01 (01-016) |
| 2920 | Construction Appraisal Team Inspection Program 03/29/85 (85-11) |
| 3000 | <u>Management Meetings</u> |
| 30050 | Construction Permit Corporate Management Meeting 04/01/80 (reactivated 07-034) |
| 30703 | Management Meetings - Entrance and Exit Interviews 01/01/82 (reactivated 08-008) |
| 30800 | Initial Management Meeting - Materials Licensees 10/01/76 (76-26) |
| 3100 | <u>Reserved</u> |
| 3200 | <u>Reserved</u> |
| 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) |
| 35060 | Licensee Management of QA Activities 04/01/83 (reactivated 07-032) |
| 35061 | In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034) |
| 35065 | Procurement, Receiving, and Storage 04/01/83 (Reactivated 07-032) |
| 35101 | QA Program Implementation Inspection for Operational Programs 07/08/16 (16-015) |
| 35301 | Preoperational Testing - Quality Assurance 08/06/03 (03-028) |
| 35701 | Quality Assurance Program Review 09/17/01 (01-017) |
| 35710 | Reserved for Quality Assurance Inspection of Digital Computer Software |
| 35750 | QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032) |
| 35960 | QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034) |
| 35962 | Reserved for Part 52 QA Program Evaluation of Engineering Service Organization |

3600 Organization and Administration

| | |
|----------|---|
| 36100 | Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 02/13/12 (12-002) |
| 36100.01 | Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance During Construction 02/13/12 (12-002) |
| 36301 | Operational Staffing 07/01/77 (reactivated 08-032) |
| 36302 | Part 52. Operational Staffing 08/19/08 (08-024) |
| 36801 | Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012) |

3700 Design, Design Changes, Modifications

| | |
|-------|---|
| 37002 | Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005) |
| 37051 | Verification of As-Built 12/04/87 (reactivated 07-032) |
| 37055 | Onsite Design Activities 04/01/83 (reactivated 07-032) |
| 37060 | Inspections under the 10CFR Part 50.69 Special Program 09/14/11 (11-016) |
| 37301 | Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008) |
| 37700 | Design Changes, and Modifications 09/17/01 (01-017) |
| 37801 | Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012) |
| 37803 | Reserved |
| 37804 | Aircraft Impact Assessment Inspection 02/09/12 (12-001) |
| 37805 | Engineering Design Verification Inspections 04/25/11 (11-007) |

3800 Procurement

3900 Records

| | |
|-------|-----------------------------------|
| 39701 | Records Program 09/17/01 (01-017) |
|-------|-----------------------------------|

4000 Review and Audit

| | |
|-------|--|
| 40001 | Resolution of Employee Concerns 06/03/97 (97-006) |
| 40002 | Inspections to Review Allegations 06/28/02 (02-024) |
| 40100 | Independent Safety Culture Assessment Follow-up 04/09/15 (15-005) |
| 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) |

4100 Training

| | |
|-------|--|
| 41301 | Pre-Licensing Review of Training and Qualification Programs 02/18/87 (reactivated 08-032) |
| 41500 | Training and Qualification Effectiveness 06/13/95 (95-007) |
| 41501 | Review of Training and Qualification Programs 04/27/16 (16-011) |
| 41502 | Nuclear Power Plant Simulation Facilities 10/16/12 (12-024) |

4200 Procedures

- 42001 Emergency Operating Procedures 06/28/91 (91-009)
- 42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004)
- 42401 Part 52, Plant Procedures 10/27/10 (10-022)
- 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 Reserved

4500 Geotechnical/Foundation

- 45051 Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)
- 45051.A Geotechnical/Foundation Activities Procedure Review 03/23/84 (reactivated 08-004)
- 45052 Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)
- 45053 Geotechnical/Foundation Activities Work Observation 03/23/84 (reactivated 07-034)
- 45055 Geotechnical/Foundation Activities Record Review 03/23/84 (reactivated 07-034)

4600 Structural Concrete

- 46051 Structural Concrete Procedure Review 07/01/83 (reactivated 07-034)
- 46053 Structural Concrete Work Observation 07/01/83 (reactivated 07-034)
- 46055 Structural Concrete Record Review 07/01/83 (reactivated 07-034)
- 46061 Structural Masonry Construction 12/17/86 (reactivated 07-034)
- 46071 Concrete Expansion Anchors 12/17/86 (reactivated 07-034)

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

- 48051 Structural Steel and Supports Procedure Review 12/17/86
(reactivated 07-032)
- 48053 Structural Steel and Supports Work Observation 12/17/86
(reactivated 07-032)
- 48055 Structural Steel and Supports Record Review 07/01/83
(reactivated 07-032)

4900 Piping

- 49001 Inspection of Erosion/Corrosion Monitoring Programs
12/11/98 (98-019)
- 49051 Reactor Coolant Pressure Boundary Piping QA Review 08/16/82
(reactivated 07-032)
- 49053 Reactor Coolant Pressure Boundary Piping – Work Observation 11/19/85
(reactivated 07-032)
- 49055 Reactor Coolant Pressure Boundary Piping Record Review 08/16/82
(reactivated 07-034)
- 49061 Safety-Related Piping 10/01/82 (reactivated 07-034)
- 49063 Piping – Work Observation 11/19/85 (reactivated 07-034)
- 49065 Safety-Related Piping-Records Review 10/01/82
(reactivated 07-034)

5000 Mechanical Components and Equipment

- 50001 Steam Generator Replacement Inspection 09/12/17 (17-018)
- 50002 Steam Generators 12/31/96 (96-024)
- 50003 Pressurizer Replacement Inspection 09/12/17 (17-018)
- 50051 Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034)
- 50053 Reactor Vessel and Internals Work Observation 08/16/82
(reactivated 07-034)
- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)
- 50055 Reactor Vessel and Internals Record Review 08/16/82
(reactivated 07-034)
- 50054 Reserved for Reactor Vessel Material Surveillance Program
- 50071 (Safety-Related Components – Procedure Review 04/01/83
(reactivated 07-034)
- 50073 Mechanical Components – Work Observation 11/19/85
(reactivated 07-034)
- 50075 Safety Related Components – Records Review 04/01/83
(reactivated 07-034)
- 50090 Pipe Support and Restraint Systems 08/06/03 (03-028)
- 50095 Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)
- 50100 Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

5100 Electrical Components and Systems

- 51051 Electrical Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
- 51053 Electrical Components and systems - Work Observation 08/06/03 (03-028)
- 51055 Electrical Components and Systems - Record Review 08/06/03 (03-028)
- 51061 Electrical Cable - Procedure Review 08/06/03 (03-028)
- 51063 Electric Cable – Work Observation 11/19/85 (reactivated 07-034)
- 51065 Electric Cable – Record Review 03/30/84 (reactivated 07-034)
- 51080 Part 52, Environmental Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)

5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
- 52051 Instrument Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
- 52053 Instrument Components and Systems – Work Observation 03/30/84 (reactivated 07-034)
- 52055 Instrument Components and Systems – Record Review 03/30/84 (reactivated 07-034)

5300 Containment Penetrations

- 53051 Containment Penetrations (Mechanical) Procedure Review 01/27/84 (reactivated 07-034)
- 53053 Containment Penetrations (Mechanical) Work Observation 01/27/84 (reactivated 07-034)
- 53055 Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034)

5400 Cleanliness

5500 Welding

- 55050 Nuclear Welding General Inspection Procedure 06/20/83 (83-06)
- 55093 Reactor Vessels Internals (Welding) Observation of Welding and Associated Activities 07/01/7 (reactivated 07-034)
- 55100 Structural Welding General Inspection Procedure 06/20/83 (83-06)
- 55150 Weld Verification Checklist 06/20/83 (reactivated 07-034)

5600 Calibration

- 56700 Calibration 03/23/05 (05-008)

| | |
|---------|---|
| 5700 | <u>Nondestructive Examination, Destructive Examination and Fabrication Testing</u> |
| 57050 | Visual Testing Examination 03/09/99 (99-003) |
| 57060 | Liquid Penetrant Testing Examination 03/09/99 (99-003) |
| 57070 | Magnetic Particle Testing Examination 03/09/99 (99-003) |
| 57080 | Ultrasonic Testing Examination 03/09/99 (99-003) |
| 57090 | Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005) |
| 5800 | <u>Special Processes</u> |
| 5900 | <u>Reserve Shutdown System</u> |
| 6000 | <u>Fuel Fabrication, Handling and Storage</u> |
| 60501 | Fuel Receipt and Storage 04/30/75 (reactivated 08-032) |
| 60705 | Preparation for Refueling 07/27/95 (95-009) |
| 60710 | Refueling Activities 07/27/95 (95-009) |
| 60715 | Spent Fuel Safety at Operating Reactors 10/30/15 (15-022) |
| 60801 | Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (16-001) |
| 60845 | Operation of Intra-Unit Fuel Transfer Canister and Cask System 04/26/12 (12-007) |
| 60851 | Design Control of ISFSI Components 01/16/08 (08-003) |
| 60852 | ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003) |
| 60853 | On-Site Fabrication of Components and Construction of an ISFSI 01/16/08 (08-003) |
| 60854 | Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003) |
| 60854.1 | Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022) |
| 60855 | Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003) |
| 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants 09/05/06 (06-022) |
| 60856 | Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010) |
| 60856.1 | Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003) |
| 60857 | Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033) |
| 60858 | Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015) |
| 60859 | Reserved for Welding Verification Checklist for Transportation and ISFSI Components |
| 60860 | Reserved for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components |

| | |
|-------|--|
| 60861 | Reserved for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components |
| 60862 | Reserved for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components |
| 60863 | Reserved for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review |
| 60864 | Reserved for Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components |

6100 Surveillance

| | |
|-------|--|
| 61705 | Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25) |
| 61706 | Core Thermal Power Evaluation 07/14/86 (86-36) |
| 61707 | Determination of Reactor Shutdown Margin 10/11/85 (85-31) |
| 61708 | Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31) |
| 61709 | Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36) |
| 61710 | Control Rod Worth Measurements (PWR) 10/11/85 (85-31) |
| 61715 | Verification of Containment Integrity 12/23/86 (86-60) |
| 61720 | Containment Local Leak Rate Testing 10/03/85 (85-30) |
| 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

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

6400 Fire Prevention/Protection

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

6500 10 CFR Part 52 ITAAC Inspections

65001 Inspections of Inspections, Tests, Analyses, and Acceptance Criteria
 (ITAAC) Related Work 08/13/13 (13-017)
65001.01 Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02 Inspection of ITAAC-Related Installation of Structural Concrete
 11/22/11 (11-037)
65001.03 Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04 Inspection of ITAAC-Related Installation of Pipe Supports and Restraints
 08/13/14 (14-018)
65001.05 Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and
 Internals 08/19/08 (08/19/08)
65001.06 Inspection of ITAAC-Related Installation o Mechanical Components
 01/27/15 (15-001)
65001.07 Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)
65001.08 Inspection of ITAAC-Related Installation of Electric Components and
 Systems 08/19/08 (08-024)
65001.09 Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable
 08/05/09 (09-019)
65001.10 Inspection of ITAAC-Related Installation of Instrument Components and
 Systems 10/20/08 (08-029)
65001.11 Construction Inspection Program Inspection of ITAAC-Related
 Containment Integrity and Containment Penetration 08/19/08 (08-024)
65001.12 Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air
 Conditioning Systems 07/29/08 (08-021)
65001.13 Inspection of ITAAC-Related Installation of Load Handling Equipment and
 Fuel Racks 08/05/09 (09-019)
65001.14 Inspection of ITAAC-Related Installation of Complex Systems with
 Multiple Components 06/24/15 (15-012)
65001.15 Inspection of ITAAC-Related Installation of Fire Protection Equipment
 07/01/08 (08-019)
65001.16 Inspection of ITAAC-Related Engineering 06/20/14 (14-013)
65001.17 Inspection of ITAAC-Related Security Structures, Systems, and
 Components 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 | Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC 06/02/11 (11-009) |
| 65001.21 | Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029) |
| 65001.22 | Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041) |
| 65001.23 | Inspection of Human Factors Engineering Integrated System Validation ITAAC 12/22/14 (14-031) |
| 65001.23, App A | Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 12/22/14 (14-031) |
| 65001.A | ITAAC Attributes for As-Built Inspection 09/25/13 (13-023) |
| 65001.B | Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023) |
| 65001.C | Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010) |
| 65001.D | Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011) |
| 65001.E | 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) |
| 65051 | Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034) |
| 6600 | <u>Reserved</u> |
| 6700 | <u>Reserved</u> |
| 6800 | <u>Reserved</u> |
| 6900 | <u>Non-Power Reactor Inspection</u> |
| 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 02/03/04 (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

| | |
|-------|---|
| 70300 | Preoperational Test Procedure Test Review 10/01/83 (reactivated 08-032) |
| 70301 | Overall Preoperational Test Program Review Requirements 10/01/83 (reactivated 08-032) |
| 70302 | Preoperational Test Program Implementation 10/01/83 (reactivated 08-032) |
| 70304 | Engineered Safety Features Test - Preoperational Test Procedure Review 08/06/03 (03-028) |
| 70305 | Reactor Protection System Test Preoperational Test Procedure Review Preoperational Testing Procedure Verification 01/01/79 (reactivated 08-032) |
| 70306 | Loss of Offsite Power Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70307 | Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13) |
| 70308 | Preoperational Hot Functional Testing - PWR Procedure Review) 10/01/83 (reactivated 08-032) |
| 70311 | Preoperational Testing Procedure Verification 10/01/83 (reactivated 08-032) |
| 70312 | Preoperational Test Witnessing 10/01/83 (reactivated 08-032) |
| 70313 | Containment Integrated Leak Rate Test 11/12/85 (85-36) |
| 70314 | HFT Witnessing 10/01/81 (reactivated 08-032) |
| 70315 | Engineered Safety Features Test Preoperational Test Witnessing) 01/01/79 (reactivated 08-032) |
| 70316 | Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032) |
| 70317 | Reactor Protection System Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032) |
| 70323 | Containment Leak Rate Test Results Evaluation 10/03/85 (85-30) |
| 70324 | Preoperational Test Results Evaluation - Integrated Hot Functional Test 04/01/77 (reactivated 08-032) |

| | |
|-------|---|
| 70325 | Preoperational Test Results Evaluation - Reactor Protection System 01/01/79 (reactivated 08-032) |
| 70326 | Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032) |
| 70329 | Preoperational Test Result Evaluation Verification 10/01/83 (reactivated 08-032) |
| 70331 | Vibration Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70332 | Control Rod System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70333 | Chemical Control System Test - Preoperation Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70334 | Engineered Safety Features Act. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70335 | Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70336 | Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003) |
| 70337 | Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003) |
| 70338 | Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70339 | Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70340 | D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70341 | Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003) |
| 70342 | Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70344 | Containment Isolation Vales Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70345 | Containment Heat/Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70346 | Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70347 | Pressurizer and Level Control System Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70348 | Main Feedwater Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70349 | Reactor Coolant Leak Detection System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70350 | Loose Parts Monitoring System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70351 | Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70352 | Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |

| | |
|-------|--|
| 70353 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70354 | Nuclear Instrumentation System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70355 | Compressed Gas System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70362 | Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032) |
| 70367 | Inspection of Pre-operational Test Program 01/15/14 (14-001) |
| 70368 | Part 52 Containment Leak Rate Testing (Programmatic) 06/26/17 (17-013) |
| 70369 | Reserved for Part 52 Containment Leak Rate Testing |
| 70370 | Testing Piping Support and Restraint Systems 03/07/86 (86-13) |
| 70371 | Reserved for Part 52 Testing of Pipe Support and Restraint System |
| 70400 | Preoperational Test Results Evaluation 10/01/83 (reactivated 08-032) |
| 70431 | Vibration Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70432 | Control Rod System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70433 | Chemical Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70434 | Engineered Safety Features Act. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70435 | Safety and Relief Valves Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70436 | Residual / Decay Heat Removal System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70437 | Main Stream Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70438 | Auxiliary Feedwater System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70439 | Component Cooling Water System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70440 | D.C. Power System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70441 | Emergency / Standby Power Supply System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70442 | Containment Combustible Gas Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70443 | Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70444 | Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70445 | Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70446 | Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/22/09 (09-003) |
| 70447 | Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |

| | |
|-------|--|
| 70448 | Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70449 | Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70450 | Loose Parts Monitoring System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70451 | Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70452 | Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70453 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70454 | Nuclear Instrumentation System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70455 | Compressed Gas System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 70462 | Reactor Coolant System Hydrostatic Test - Test Witnessing 08/13/14 14-018 |
| 70562 | Reactor Coolant System Hydrostatic Test Results Evaluation 08/13/14 14-018 |
| 70701 | Reserved |
| 70702 | Inspection of Preoperational Test Performance 01/15/14 (14-001) |

7100 Operations (License & TS Requirements)

| | |
|------------|--|
| 71002 | License Renewal Inspection 11/23/11 (11-038) |
| 71003 | Post-Approval Site Inspection for License Renewal 07/08/16 (16-015) |
| 71004 | Power Uprate 05/15/17 (17-010) |
| 71007 | Reactor Vessel Head Replacement Inspection 06/04/07 (07-018) |
| 71013 | Site Inspections at Plants with Timely Renewal Applications 09/25/13 (13-023) |
| 71111 | Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 10/28/11 (11-025) |
| 71111.01 | Adverse Weather Protection 09/04/15 (15-016) |
| 71111.04 | Equipment Alignment 09/24/14 (14-022) |
| 71111.05AQ | Fire Protection (Annual / Quarterly) 09/30/10 (10-020) |
| 71111.05T | Fire Protection (Triennial) 01/31/13 (13-004) |
| 71111.05XT | Fire Protection - NFPA 805 (Triennial) 01/31/13 (13-004) |
| 71111.06 | Flood Protection Measures 11/25/15 (15-027) |
| 71111.07 | Heat Sink Performance 12/08/16 (16-032) |
| 71111.08 | In-service Inspection Activities 12/21/16 (16-035) |
| 71111.11 | Licensed Operator Requalification Program 09/24/14 (14-022) |
| 71111.12 | Maintenance Effectiveness 02/03/16 (16-005) |
| 71111.13 | Maintenance Risk Assessments and Emergent Work Control 02/03/16 (16-005) |
| 71111.15 | Operability Determinations and Functionality Assessments 12/21/16 (16-035) |
| 71111.17T | Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032) |

| | |
|-----------|---|
| 71111.18 | Plant Modifications 11/17/16 (16-031) |
| 71111.19 | Post Maintenance Testing 09/24/14 (14-022) |
| 71111.20 | Refueling and Other Outage Activities 01/27/15 (15-001) |
| 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 12/02/09 (09-030) |
| 71124.01 | Radiological Hazard Assessment and Exposure Controls 02/19/16 (16-007) |
| 71124.02 | Occupational ALARA Planning and Controls 03/02/16 (16-009) |
| 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation 02/24/16 (16-008) |
| 71124.04 | Occupational Dose Assessment 02/19/16 (16-007) |
| 71124.05 | Radiation Monitoring Instrumentation 04/01/16 (16-010) |
| 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment 04/01/16 (16-010) |
| 71124.07 | Public Radiation Safety 04/01/16 (16-010) |
| 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation 01/26/16 (16-003) |
| 71130 | Security 04/20/15 (15-006) |
| 71130.01 | Access Authorization 09/30/16 (16-024) |
| 71130.02 | Access Control 09/30/16 (16-024) |
| 71130.03 | Contingency Response - Force-On-Force Testing 12/22/16 (16-035) |
| 71130.04 | Equipment Performance, Testing and Maintenance 09/30/16 (16-024) |
| 71130.05 | Protective Strategy Evaluation 09/30/16 (16-024) |
| 71130.06 | Protection of Safeguards Information 09/30/16 (16-024) |
| 71130.07 | Security Training 09/30/16 (16-024) |
| 71130.08 | Fitness for Duty Program 09/30/16 (16-024) |
| 71130.10P | Cyber Security 05/15/17 (17-010) |
| 71130.11 | Material Control & Accounting (MC&A) 12/10/08 (08-035) |
| 71130.12 | Reserved for Physical Protection of Shipments of Irradiated Fuel |
| 71130.13 | Reserved for Security Inspections Conducted by Resident Inspectors |
| 71130.14 | Review of Power Reactor Target Sets 09/12/17 (17-018) |
| 71150 | Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001) |
| 71151 | Performance Indicator Verification 05/03/17 (17-009) |
| 71152 | Problem Identification and Resolution 02/26/15 (15-003) |
| 71153 | Follow-up of Events and Notices of Enforcement Discretion 12/17/15 (15-030) |

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

7200 Startup Testing

| | |
|-------|---|
| 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 |

7300 In-service Inspection

| | |
|-------|--|
| 73052 | In-service Inspection - Review of Procedures 01/14/86 (86-03) |
| 73053 | Pre-service Inspection – Observation of Work and Work Activities 01/01/79 (reactivated 07-034) |
| 73054 | Part 52, Pre-service and In-service Inspection - Review of Program 05/03/17 (17-009) |
| 73055 | Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034) |
| 73753 | In-service Inspection 06/24/98 (98-010) |
| 73754 | Part 52 - Preservice Inspection - Non-Destructive Examination 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 04/19/13 (13-011) |

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

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

7900 Water Chemistry

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

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

79503 Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre-
Op and Supp)

79504 Reserved for Part 52 Plant systems Affecting Plant Water Chem.

79702 Control and monitoring of Radiological Source Term 04/17/00 (00-006)

8000 Environmental Protection

80211 Reserved for Part 52 Environmental Protection - Initial & Periodic
Inspection

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

80522 Part 52, Radiological Environmental Monitoring Program (REMP)
07/01/08 (08-019)

80600 Reserved for Independent Assessment of Site Radiological Conditions

80721 Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81000 Security 08/27/13 (13-018)

81000.01 Access Authorization 09/07/12 (12-020)

81000.02 Access Control 09/07/12 (12-020)

81000.03 Performance Evaluation Program 09/07/12 (12-020)

81000.04 Equipment Performance, Testing and Maintenance 09/07/12 (12-020)

81000.05 Protective Strategy Evaluation 01/03/13 (13-001)

81000.07 Security Training 09/07/12 (12-020)

81000.08 Fitness for Duty Operational Program 09/07/12 (12-020)

81000.09 Cyber Security Inspection for Construction 09/30/16 (16-025)

81000.10 Security Organization, Management Effectiveness, Program Reviews and
Audits 09/07/12 (12-020)

81000.11 Material Control and Accounting 09/07/12 (12-020)

81000.14 Review of New Reactor Target Sets 12/19/13 (13-029)

81018 Physical Security Plan and Implementing Procedures
05/24/07 (07-17)

81019 Reserved for Part 52 Security Plan & Implementing Procedures

81020 Management Effectiveness - Security Program 06/13/07 (07-019)

81021 Reserved for Part 52 Management Effectiveness

| | |
|----------|--|
| 81023 | Reserved for Part 52 Security Organization |
| 81022 | Security Organization 06/13/07 (07-019) |
| 81034 | Security Program Audit 09/10/07 (07-027) |
| 81035 | Reserved for Part 52 Security Audit Program |
| 81038 | Records and Reports 09/10/07 (07-027) |
| 81039 | Reserved for Part 52 Records & Reports |
| 81042 | Testing and Maintenance 04/12/07 (07-013) |
| 81043 | Reserved for Part 52 Testing & Maintenance |
| 81046 | Locks, Keys, and Combinations 09/10/07 (07-027) |
| 81047 | Reserved for Part 52 Locks, Keys & Combinations |
| 81052 | Physical Barriers - Protected Areas 09/10/07 (07-027) |
| 81053 | Reserved for Part 52 Physical Barriers - Protected Areas |
| 81054 | Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 09/10/07 (07-027) |
| 81055 | Reserved for Part 52 Physical Barriers - Vital Areas, Material Access Areas & Controlled Access Areas |
| 81058 | Security System Power Supply 09/10/07 (07-027) |
| 81059 | Reserved for Part 52 Security System Power Supply |
| 81062 | Lighting 09/10/07 (07-027) |
| 81063 | Reserved for Part 52 Lighting |
| 81064 | Compensatory Measures 09/10/07 (07-027) |
| 81065 | Reserved for Part 52 Compensatory Measures |
| 81066 | Assessment Aids 09/10/07 (07-027) |
| 81067 | Reserved for Part 52 Assessment Aides |
| 81070 | Access Control - Personnel 12/22/08 (08-037) |
| 81071 | Reserved for Part 52 Access Control - Personnel |
| 81072 | Access Control (Power Reactor) - Packages 05/09/84 (84-15) |
| 81073 | Access Control (Fuel Facility) - Packages, Material, and Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019) |
| 81074 | Access Control - Vehicles 12/22/08 (08-037) |
| 81075 | Reserved for Part 52 Access Control - (Power Reactors) – Packages |
| 81076 | Reserved for Part 52 Access Control - Vehicles |
| 81078 | Detection Aids - Protected Areas 11/23/09 (09-028) |
| 81079 | Reserved for Part 52 Detection Aids - Protected Areas |
| 81080 | Detection Aids – MAA and CAA 12/22/08 (08-037) |
| 81081 | Reserved for Part 52 Detection Aids - VA, MAA, & CAA |
| 81084 | Alarm Stations 09/10/07 (07-027) |
| 81085 | Reserved for Part 52 Alarm Stations |
| 81088 | Communications 09/10/07 (07-027) |
| 81089 | Reserved for Part 52 Communications |
| 81120 | Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of Concern 04/01/10 (10-010) (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) |
| 81502 | Fitness for Duty Program 12/22/08 (08-037) |
| 81503 | Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements |
| 81504 | Fitness for Duty Program for Construction 10/15/09 (09-024) |
| 81601 | Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037) |
| 81602 | Reserved for Part 52 Safeguards Contingency Plan - Implementation Review |
| 81700 | RESERVED for Materials Security |
| 81700.01 | Category I Fuel Cycle Facility Strategic Special Nuclear Material Security 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 | Observation of Licensee Conducted Force-on-Force Exercises at Category I Fuel Cycle Facilities 05/15/17 (17-010) |
| 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) |
| 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 | Evaluation of Emergency Preparedness 05/22/00 (00-010) |
| 82002 | Part 52, Emergency Preparedness Program 14/28/14 (14-026) |
| 82002.01 | Facilities and Equipment 11/08/11 (11-030) |
| 82002.02 | Procedure Quality 11/08/11 (11-030) |
| 82002.03 | Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030) |
| 82002.04 | Emergency Preparedness Exercises 11/08/11 (11-030) |
| 82002.05 | Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030) |
| 82002.06 | Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030) |
| 82002.07 | Operational Status of the Emergency Preparedness Program 11/08/11 (11-030) |
| 82002.08 | RESERVED for Inspection Of Site Specific Implementation Of 10 Cfr 50.54(HH)(2) Phase 1, 2, And 3 Mitigating Strategies For Nuclear Power Plants Referencing The Ap1000 Certified Design |
| 82201 | Emergency Detection and Classification 03/23/05 (05-008) |
| 82202 | Protective Action Decision Making 03/23/05 (05-008) |
| 82301 | Evaluation of Exercises for Power Plants 04/24/13 (13-012) |
| 82302 | Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012) |
| 82401 | Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020) |
| 82501 | Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020) |
| 82701 | Operational Status of the Emergency Preparedness Program 04/24/13 (13-012) |

8300 Radiation Protection

| | |
|----------|---|
| 83100 | Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022) |
| 83311 | Reserved for Part 52, Radiation Protection During Construction |
| 83501 | Significant Uncontrolled Radiation Exposures 04/17/00 (00-006) |
| 83502.01 | Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006) |
| 83502.02 | Radioactive Material Process and Transportation 04/17/00 (00-006) |
| 83502.03 | Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006) |
| 83522 | Radiation Protection, Plant Chemistry, Radwaste, and Environmental: Organization and Management Controls 12/31/91 (reactivated 08-032) |
| 83523 | Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 01/01/84 (reactivated 08-032) |
| 83524 | External Occupational Exposure Control and Personal Dosimetry (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 83525 | Internal Exposure Control and Assessment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 83526 | Control of Radioactive Materials and Contamination, Surveys, and Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 83527 | Facilities and Equipment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 83529 | Reserved for Part 52 Radiation Protection – Startup |
| 83531 | Part 52 Life Cycle Minimization of Contamination and Groundwater Protection Program 12/21/16 (16-035) |
| 83532 | Reserved for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training |
| 83533 | Part 52 External Occupational Exposure Control and Personal Dosimetry 10/27/10 (10-022) |
| 83534 | Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022) |
| 83535 | Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 10/27/10 (10-022) |
| 83536 | Part 52 Facilities and Equipment 10/27/10 (10-022) |
| 83537 | Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022) |
| 83722 | Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic) 09/17/01 (01-017) |
| 83723 | General Employee, Radiation Safety, Plant Chemistry, Radwaste, and Transportation Training 12/16/03 (03-041) |
| 83724 | External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006) |
| 83725 | Internal Exposure Control and Assessment 04/17/00 (00-006) |
| 83726 | Control of Radioactive Materials and Contamination, Surveys and Monitoring 11/13/14 (14-027) |
| 83727 | Facilities and Equipment (Basic) 09/17/01 (01-017) |
| 83728 | Maintaining Occupational Exposures ALARA 04/17/00 (00-006) |
| 83729 | Occupational Exposure during Extended Outages 12/31/91 (91-021) |
| 83746 | Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021) |
| 83750 | Occupational Radiation Exposure 06/06/02 (02-023) |

| | |
|-------|---|
| 83801 | Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 07/26/16 (16-018) |
| 83822 | Radiation Protection 09/07/00 (00-016) |
| 83890 | Closeout Inspection and Survey 05/01/03 (03-013) |

8400 Radioactive Waste Management

| | |
|-------|---|
| 84100 | Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028) |
| 84101 | Radioactive Waste Management 12/30/91 (91-022) |
| 84522 | Solid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 84523 | Liquids and Liquid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 84524 | Gaseous Waste System (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 84525 | Quality Assurance and Confirmatory Measurements for In-Plant Radiochemical Analysis (Preoperational and Supplemental) 5/23/85 (reactivated 08-032) |
| 84526 | Reserved for Part 52 Radwaste – Startup |
| 84527 | Part 52, Solid Waste Management System 07/01/08 (08-019) |
| 84528 | Part 52 Liquid Waste Management Program 10/19/16 (16-027) |
| 84529 | Part 52, Gaseous Waste Management Program 10/19/16 (16-027) |
| 84750 | Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006) |
| 84850 | Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 12/22/08 (08-037) |
| 84900 | Low-Level Radioactive Waste Storage 12/22/08 (08-037) (Preoperational and Supplemental) |

8500 Material Control and Accountability

| | |
|-------|---|
| 85102 | Material Control and Accounting - Reactors 03/29/85 (85-10) |
| 85103 | RESERVED for Material Control and Accounting - Decommissioning Power Reactors |
| 85200 | MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15) |
| 85203 | Management Structure and Controls 08/10/16 (16-020) |
| 85205 | Facility Operations and Internal Controls 08/10/16 (16-020) |
| 85207 | Measurement Systems 01/17/86 (86-04) |
| 85209 | Measurement Control and Statistics 04/10/85 (85-15) |
| 85211 | Physical Inventory 01/17/86 (86-04) |
| 85303 | Material Control and Accounting Management Structure and Personnel Training and Qualification 08/10/16 (16-020) |
| 85305 | Item Monitoring 11/15/16 (16-030) |
| 85307 | Process Monitoring 11/15/16 (16-030) |
| 85309 | Measurement Systems and Control 10/20/10 (10-021) |
| 85311 | Physical Inventory Program 11/15/10 (10-023) |
| 85313 | Alarm Resolution Program 11/15/16 (16-030) |

| | |
|-------|--|
| 85315 | Internal Control 12/21/2010 (10-027) |
| 85401 | Management Structure 11/15/16 (16-030) |
| 85402 | Measurement Program 10/20/10 (10-021) |
| 85403 | Measurement Control Program 10/20/10 (10-021) |
| 85404 | Physical Inventory Program for Low Enriched Uranium Fuel Facilities 11/15/10 (10-023) |
| 85405 | Item Control 09/09/10 (10-019) |
| 85406 | Resolution Program for Low Enriched Uranium Fuel Facilities 11/15/10 (10-023) |
| 85407 | Assessment Program 11/29/10 (10-024) |
| 85408 | Recordkeeping 11/29/10 (10-024) |
| 85420 | Inspection of IAEA Safeguards for Inspectors at Power Reactors 06/22/88 (88-07) |
| 85501 | Physical Inventory Program for Uranium Enrichment Facilities 11/15/10 (10-023) |
| 85502 | Detection Program for Uranium Enrichment Facilities 12/21/10 (10-027) |
| 85503 | Resolution Program for Uranium Enrichment Facilities 11/15/10 (10-023) |

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

| | |
|-------|---|
| 86001 | Design, Fabrication, Testing, and Maintenance of Transportation Packagings 01/16/08 (08-003) |
| 86730 | Transportation of Radioactive Materials (49 CFR Parts 100- 179 and 10 CFR Part 71) 04/17/00 (00-006) |
| 86740 | Inspection of Transportation Activities 10/30/08 (08-030) |
| 86750 | Solid Radioactive Waste Management and Transportation of Radioactive Materials 03/15/94 (94-006) |

8700 Materials Safety Inspection

| | |
|-------|--|
| 87102 | Maintaining Effluents from Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005) |
| 87103 | Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023) |
| 87104 | Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029) |
| 87121 | Industrial Radiography Programs 12/17/14 (14-030) |
| 87122 | Irradiator Programs 12/31/02 (02-047) |
| 87123 | Well Logging Programs 11/25/03 (03-037) |
| 87124 | Fixed and Portable Gauge Programs 11/25/03 (03-037) |
| 87125 | Materials Processor/Manufacturer Programs 09/28/05 (05-027) |
| 87126 | Industrial/Academic/Research Programs 09/28/05 (05-027) |
| 87127 | Radiopharmacy Programs 07/01/08 (08-018) |
| 87128 | Manufacturing and Distribution of Exempt Products 01/27/17 (17-002) |
| 87129 | Master Materials Program 09/15/03 (03-034) |
| 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 Stereotactic Radiosurgery and Teletherapy Programs 08/24/11 (11-014) |
| 87134 | Medical Broad-Scope Programs 08/24/11 (11-014) |
| 87135 | Panoramic and Underwater Irradiator Security Program 10/30/08 (08-030) |
| 87136 | Manufacturing and Distribution (M&D) Security Program 10/30/08 (08-030) |
| 87137 | 10 CFR Part 37 Materials Security Programs 04/03/14 (14-009) |
| 87138 | RESERVED for 10 CFR Part 37, "Physical Protection Of Category 1 And Category 2 Quantities Of Radioactive Material At Facilities With A 10 CFR Part 73 Physical Protection Program |
| 87250 | Locating Missing Materials Licensees 10/29/01 (01-022) |
| 87654 | Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct Material Site Decommissioning Inspection 03/19/02 (02-010) |

8800 Fuel Facility Inspection

| | |
|-------|--|
| 88001 | On-Site Construction 04/15/94 (94-011) |
| 88003 | Reactive Inspection for Events at Fuel Cycle Facilities 03/16/15 (15-004) |
| 88004 | Reserved for Adverse Weather Protection |
| 88005 | Management Organization and Controls 09/05/06 (06-020) |
| 88010 | Training 02/07/14 (14-005) |
| 88015 | Nuclear Criticality Safety 08/11/15 (15-0215) |
| 88020 | Operational Safety 01/23/14 (14-003) |
| 88025 | Maintenance and Surveillance Testing 01/23/14 (14-003) |
| 88030 | Radiation Protection 03/06/14 (14-007) |
| 88035 | Radioactive Waste Management 02/07/14 (14-005) |
| 88045 | Effluent Control and Environmental Protection 02/07/14 (14-005) |
| 88050 | Emergency Preparedness 03/06/14 (14-007) |
| 88051 | Evaluation of Exercises and Drills 03/06/14 (14-007) |
| 88054 | Fire Protection (Triennial) 03/06/14 (14-007) |
| 88055 | Fire Protection (Annual) 01/23/14 (14-003) |
| 88070 | Plant Modification 09/20/16 (16-023) |
| 88071 | Configuration Management Program 03/06/14 (14-007) |
| 88075 | Event Follow-up 03/16/15 (15-004) |
| 88100 | Plant Operations 12/30/96 (96-026) |
| 88101 | Configuration Control 12/30/96 (96-026) |
| 88102 | Surveillance Observations 12/30/96 (96-026) |
| 88103 | Maintenance Observations 12/30/96 (96-026) |
| 88104 | Decommissioning Inspection Procedure for Fuel Cycle Facilities 07/03/02 (02-026) |
| 88106 | Quality Assurance: Program Development and Implementation (Pre-licensing and Construction) 02/07/07 (07-006) |
| 88107 | Quality Assurance: Design and Documentation Control (Pre-licensing and Construction) 05/18/05 (05-013) |
| 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 Draft Operational Readiness Reviews for Uranium Deconversion Facilities |
| 88130 | Resident Inspection Program for On-Site Construction Activities at the Mixed Oxide Fuel Fabrication Facility 03/02/16 (16-009) |
| 88131 | Geotechnical/Foundation Activities 10/25/06 (06-030) |
| 88132 | Structural Concrete Activities 10/25/06 (06-030) |
| 88133 | Structural Steel and Supports Activities 7/25/07 (07-023) |
| 88134 | Quality Assurance: Piping Relied on for Safety 05/18/05 (05-013) |
| 88135 | Resident Inspection Program for Category I Fuel Cycle Facilities 02/07/14 (14-005) |
| 88135.02 | Resident Inspection Program Plant Status Activities 05/21/15 (15-010) |
| 88135.04 | ISA Implementation 01/31/14 (14-004) |
| 88135.05 | Fire Protection 01/31/14 (14-004) |
| 88135.17 | Permanent Plant Modifications 01/31/14 (14-004) |
| 88135.19 | Post Maintenance Testing 01/31/14 (14-004) |
| 88135.22 | Surveillance Testing 01/31/14 (14-004) |
| 88136 | Mechanical Components 7/25/07 (07-023) |
| 88137 | Electric Cable 04/01/10 (10-010) |
| 88138 | Electrical Components and Systems 08/08/07 (07-024) |
| 88139 | Ventilation and Confinement Systems 08/08/07 (07-024) |
| 88140 | 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 CFR 70.72) |
| 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 | <u>Fuel Facility and Materials Special Program</u> |
| 89001 | In-Situ Leach (ISL) Facilities 09/02/97 (97-013) |
| 9000 | <u>Reportable Matters and Report Reviews</u> |
| 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 | <u>Planned Non-Routine Activities</u> |
| 92050 | Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005) |
| 92700 | Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020) |
| 92701 | Follow-up 03/13/07 (07-010) |
| 92702 | Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001) |
| 92703 | Follow-up of Confirmatory Action Letters 05/13/09 (09-012) |
| 92709 | Licensee Strike Contingency Plans 03/14/14 (14-008) |
| 92711 | Continued Implementation of Strike Plans During an Extended Strike 03/14/14 (14-008) |
| 92712 | Resumption of Normal Operations After a Strike 03/14/14 (14-008) |
| 92714 | Reserved for Part 52 Follow-up |
| 92717 | IE Bulletins for Information and IE Information Notice Followup 09/25/85 (reactivated 10-020) |
| 92720 | Corrective Action 09/28/98 (reactivated 07-034) |
| 92721 | Reserved for Part 52 Follow-up on Corrective Actions for Violations and Deviations |

| | |
|-------|---|
| 92722 | Follow up Inspection for Any Severity Level I or II Traditional Enforcement Violation or for Two or More Severity Level III Traditional Enforcement Violations in a 12-Month Period 08/11/09 (09-020) |
| 92723 | Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area is a 12-Month Period 08/11/09 (09-020) |
| 92901 | Follow-up - Plant Operations 09/17/01 (01-017) |
| 92902 | Follow-up - Maintenance 09/17/01 (01-017) |
| 92903 | Follow-up - Engineering 09/17/01 (01-017) |
| 92904 | Follow-up - Plant Support 09/17/01 (01-017) |

9300 Non-Routine Activities

| | |
|-------|--|
| 93002 | Managing Fatigue 11/09/09 (09-026) |
| 93100 | Safety-Conscious Work Environment Issue of Concern Follow-up 04/09/15 (15-005) |
| 93702 | Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017) |
| 93800 | Augmented Inspection Team 03/23/09 (09-010) |
| 93801 | Safety System Functional Inspection (SSFI) 07/25/96 (96-016) |
| 93802 | Operational Safety Team Inspection (OSTI) 11/27/89 (89-015) |
| 93803 | Safety Systems Outage Modifications Inspection 04/27/89 (89-008) |
| 93804 | Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001) |
| 93805 | Maintenance Program 08/06/93 (93-070) |
| 93806 | Operational Readiness Assessment Team Inspections 09/29/98 (98-015) |
| 93807 | Systems Based Instrumentation and Control Inspection 01/29/93 (93-001) |
| 93810 | Service Water System Operational Performance Inspection (SWSOPI) 09/14/98 (98-013) |
| 93811 | Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002) |
| 93812 | Special Inspection 11/15/11 (11-033) |
| 93813 | Reserved for Part 52 Operational Readiness Assessment Team Inspection |
| 93814 | Independent Design Verification Program 11/15/10 (10-023) |
| 93815 | Part 52, Operational Programs Implementation Inspection 12/23/11 (11-043) |

9400 Technical Activities of an Administrative Nature

| | |
|-------|---|
| 94300 | Status of Plant Readiness for an Operating Licensee 02/14/86 (Reactivated 07-034) |
| 94301 | Reserved for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load |

9500 Strategic Determination Actions

- 95001 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 Reserved

9800 Reserved

9900 Guidance²

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

PART
GUIDANCE

Technical Guidance

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

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

| | |
|-------------------|---|
| 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) |
| 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) |
| 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