

**TABLE OF CONTENTS**

Table of Contents    Current through Change Notice 15-021 issued 10/26/2015

**PART**

**CHAPTER**

|             |   |
|-------------|---|
| 0000        | <u>NRC Inspection Manual</u> <sup>1</sup>   |
| 0040        | Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 11/20/14 (14-028)    |
| 0100        | <u>Program Responsibilities</u>   |
| 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        | <u>Program Management Reports</u>   |
| 0300        | <u>Inspection Policy</u>  |
| 0300        | Announced and Unannounced Inspections 03/24/94 (94-010)                                       |
| 0301        | Coordination of NRC Visits to Commercial Reactor Sites 08/24/01 (01-016)                      |
| 0305        | Operating Reactor Assessment Program 04/09/15 (15-005)  |
| 0306        | Information Technology Support for the Reactor Oversight Process 07/18/14 (14-016)            |
| 0307        | Reactor Oversight Process Self-Assessment Program 03/23/09 (09-010)                           |
| 0307, App A | Reactor Oversight Process Self-Assessment Metrics 03/27/13 (13-010)                           |
| 0307, App B | ROP Realignment Process 10/13/11 (11-019)   |
| 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)                                      |

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

|                    |  |
|--------------------|--|
| 0308, Att 3        | Technical Basis for Significance Determination Process<br>10/16/06 (06-027)  |
| 0308, Att 3, App A | Technical Basis for At Power Significance Determination<br>06/19/12 (12-010)   |
| 0308, Att 3, App B | Technical Basis for Emergency Preparedness Significance<br>Determination Process 12/19/12 (12-029)   |
| 0308, Att 3, App C | Technical Basis for Occupational Radiation Safety<br>Significance Determination Process 07/28/05 (05-022)                                  |
| 0308, Att 3, App D | Technical Basis for Public Radiation Safety<br>Significance Determination Process 07/27/04 (04-020)  |
| 0308, Att 3, App E | Technical Basis for the Baseline Security Significance Determination<br>Process 07/27/12 (12-016)  |
| 0308, Att 3, App F | Technical Basis for Fire Protection Significance<br>Determination Process [IMC 0609, Appendix F] At Power<br>Operations 02/28/05 (05-007)  |
| 0308, Att 3, App G | Technical Basis for Shutdown Operations Significance<br>Determination Process 02/28/05 (05-007)  |
| 0308, Att 3, App H | Technical Basis for Containment Integrity Significance<br>Determination Process 05/06/04 (04-010)  |
| 0308, Att 3, App I | Technical Basis for Operator Requalification Human<br>Performance Significance Determination Process<br>07/28/05 (05-022)                  |
| 0308, Att 3, App J | Technical Basis for Steam Generator Tube Integrity Findings<br>Significance Determination Process 07/06/11 (11-011)                        |
| 0308, Att 3, App K | Technical Basis for Maintenance Risk Assessment and Risk<br>Management SDP 05/19/05 (05-014)   |
| 0308 Att 3 App L   | Technical Basis for the B.5.b Significance Determination Process<br>05/09/14 (14-011)  |
| 0308 Att 3 App M   | Technical Basis for the Significance Determination Process (SDP)<br>Using Qualitative Criteria 06/11/14 (14-012)                           |
| 0308, Att 4        | Technical Basis for Assessment 07/28/05 (05-022)   |
| 0308, Att 5        | Technical Basis for Enforcement 10/16/06 (06-027)  |
| 0308, Att 6        | Basis Document for the Security Cornerstone of the Reactor Oversight<br>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<br>Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023) |
| 0313               | Industry Trends Program 05/29/08 (08-016)  |
| 0320               | Operating Reactor Security Assessment Program 06/13/12 (12-009)  |
| 0321               | Reserved for Operability Determinations & Functionality Assessments of<br>Conditions Adverse To Quality or Safety                          |
| 0326               | Operability Determinations and Functionality Assessments for Conditions<br>Adverse to Quality or Safety 01/13/14 (14-004)                  |
| 0330               | Guidance for NRC Review of Licensee Draft Documents<br>07/08/96 (96-015)   |

|                |   |
|----------------|---|
| 0350           | Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 12/15/06 (06-035)   |
| 0351           | Implementation of the Reactor Oversight Process at Reactor Facilities in an Extended Shutdown Condition for Reasons Other Than Significant Performance Problems 04/05/11 (11-005) |
| 0400           | <u>Enforcement Policy</u>   |
| 0410           | Notices of Enforcement Discretion<br>03/13/13 (13-009)  |
| 0410, App A    | Reserved for NOEDs during a Pandemic  |
| 0500           | <u>Tracking Systems</u>   |
| 0600           | <u>Documentation of Program Findings</u>  |
| 0608           | Performance Indicator Program 09/26/12 (12-022)   |
| 0609           | Significance Determination Process 04/29/15 (15-008)  |
| 0609.01        | Significance and Enforcement Review Panel Process 04/29/15 (15-008)   |
| 0609.02        | Process for Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 06/08/11 (11-010)  |
| 0609.03        | Senior Reactor Analyst (SRA) and Risk Analyst Support Expectations 04/29/15 (15-008)  |
| 0609.04        | Phase 1 - Initial Screening and Characterization of Findings 06/19/12 (12-010)  |
| 0609, App A    | Determining the Significance of Reactor Inspection Findings for At-Power Situations 06/19/12 (12-010)   |
| 0609, App B    | Emergency Preparedness Significance Determination Process 09/22/15 (15-017)   |
| 0609, App C    | Occupational Radiation Safety Significance Determination Process 08/19/08 (08-024)  |
| 0609, App D    | Public Radiation Safety Significance Determination Process 02/12/08 (08-007)  |
| 0609, App E    | 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 10/26/15 (15-021)  |
| 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 01/24/13 (13-003)  |
| 0609, App F    | Fire Protection Significance Determination Process 09/20/13 (13-022)  |

|                            |  |
|----------------------------|--|
| 0609, App F, Att 1 Part 1: | Fire Protection SDP Phase 1 Worksheet 09/20/13 (13-022)  |
| 0609, App F, Att 2         | Degradation Rating Guidance Specific to Various Fire Protection Program Elements 02/28/05 (05-007)   |
| 0609, App F, Att 3         | Guidance for Identifying Fire Growth and Damage Scenarios 02/28/05 (05-007)  |
| 0609, App F, Att 4         | Fire Ignition Source Mapping Information: Fire Frequency, Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves 02/28/05 (05-007) |
| 0609, App F, Att 5         | Characterizing Non-Simple Fire Ignition Sources 02/28/05 (05-007)  |
| 0609, App F, Att 6         | Guidance for the Identification of Targets and Their Ignition and Damage Criteria 02/28/05 (05-007)  |
| 0609, App F, Att 7         | Guidance for Fire Growth and Damage Time Analysis 02/28/05 (05-007)  |
| 0609, App F, Att 8         | Guidance for Fire Non-Suppression Probability Analysis 02/28/05 (05-007)   |
| 0609, App G                | Shutdown Operations Significance Determination Process 05/09/14 (14-011)   |
| 0609, App G, Att 1         | Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/09/14 (14-011)   |
| 0609, App G, Att 2         | Phase 2 Significance Determination Process Template for PWR during Shutdown 02/28/05 (05-007)  |
| 0609, App G, Att 3         | Phase 2 Significance Determination Process Template for BWR during Shutdown 02/28/05 (05-007)  |
| 0609, App H                | Containment Integrity Significance Determination Process 05/06/04 (04-010)   |
| 0609, App I                | Operator Requalification Human Performance Significance Determination Process [SDP] 12/06/11 (11-040)  |
| 0609, App J                | Technical Basis for Steam Generator Tube Integrity Findings 07/06/11 (11-011)  |
| 0609, App K                | Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)   |
| 0609, App L                | B.5.b Significance Determination Process 12/24/09 (09-032)   |
| 0609, App M                | Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036)  |
| 0609 App N                 | RESERVED SDP for ISFSI at Operating Plants   |
| 0609 App O                 | RESERVED SDP for Mitigating Strategies and FLEX  |
| 0610                       | Inspection Reports 05/18/04 (04-014)   |
| 0612                       | Power Reactor Inspection Reports 01/24/13 (13-003)   |
| 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 09/13/13 (13-021)   |
| 0612, App A                | List of 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 C1                | Sample Supplemental Inspection Report for IP 95001 and IP 95002 10/28/11 (11-024)  |

|             |   |
|-------------|---|
| 0612, App D | Guidance for Documenting Inspection Procedure 71152, “Identification and Resolution of Problems” 08/13/13 (13-017)        |
| 0612, App E | Examples of Minor Issues 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 09/23/14 (14-023)   |
| 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 06/15/15 (15-011)   |
| 0617        | Vendor and Quality Assurance Implementation Inspection Reports 10/03/13 (13-024)  |
| 0620        | Inspection Documents and Records 09/12/11 (11-015)  |
| <br>        |   |
| 0700        | <u>Communications with Licensees</u>  |
| 0730        | Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)  |
| <br>        |   |
| 0800        | <u>Feedback - Improving the Regulatory Process</u>  |
| 0801        | Reactor Oversight Process Feedback Program 08/08/13 (13-016)  |
| 0802        | Reserved for the Part 52 Program  |
| <br>        |   |
| 0900        | <u>Reporting of Events/Incidents</u>  |
| <br>        |   |
| 1000        | <u>Regional Office Program Interfaces</u>   |
| 1007        | Interfacing Activities between Regional Offices of NRC and OSHA 02/11/04 (04-006)   |
| <br>        |   |
| 1100        | <u>Notifications of Meetings and Conferences</u>  |
| 1120        | Preliminary Notifications 09/13/13 (13-021)   |

1200 Inspector Requirements

|               |   |
|---------------|---|
| 1201          | Conduct of Employees 10/28/11 (11-023)  |
| 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 12/29/11 (11-044)  |
| 1245, Att 1   | General Overview of the Inspector Training and Qualification Program 12/29/11 (11-044)  |
| 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 12/19/12 (12-029)  |
| 1245, App B   | General Proficiency-Level Training and Qualification Journal 12/29/11 (11-044)  |
| 1245, App C1  | Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 12/19/12 (12-029)   |
| 1245, App C2  | Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)  |
| 1245, App C3  | Health Physics Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09-017)   |
| 1245, App C4  | Reactor Security Inspector Technical Proficiency Qualification Training and Qualification Journal 11/29/13 (13-027)   |
| 1245, App C5  | Research and Test Reactor Inspector Technical Proficiency Qualification Journal 07/08/09 (09-017)   |
| 1245, App C6  | Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09-017)   |
| 1245, App C7  | Fire Protection Inspector Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)  |
| 1245, App C8  | Vendor Inspector Technical Proficiency Qualification Journal 12/19/12 (12-029)  |
| 1245, App C9  | Senior Reactor Analyst Training and Qualification Program 12/19/12 (12-029)   |
| 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  
07/01/15 (15-013)
- 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 D1 Maintaining Qualifications 10/23/13 (13-026)
- 1245, App D2 Inservice Inspection Advanced-Level Training 10/21/15 (15-020)
- 1245, App D3 Fire Protection Advanced-Level Training 12/19/12 (12-029)
- 1245, App D4 Advanced Electrical Inspector Technical Proficiency Training and  
Qualification Journal 12/29/11 (11-044)
- 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 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 04/19/13 (13-011)
- 1248, App G Training Requirements and Qualification Journal for Decommissioning Project Managers/Technical Reviewers 04/19/13 (13-011)
- 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)
- 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 09/22/15 (15-017)   |
| 2201, App B | Supplemental Inspection Program 09/22/15 (15-017)  |
| 2201, App C | Generic, Special, and Infrequent Inspections 09/22/15 (15-017)   |
| 2201, App D | Facility Status Reviews for Security and Safeguards Inspection Program 09/22/15 (15-017)                           |

|                     |  |
|---------------------|--|
| 2201/003            | Reserved for Fitness for Duty Part 26 Subpart K  |
| 2201/004            | Inspection of Implementation of Interim Cyber Security Milestones 1-7<br>12/22/14 (14-031)   |
| 2201/005            | Inspection of TVA WB1, Implementation of the Cyber Security Program<br>Required by 10 CFR 73.54 and 10 CFR 73.55 07/03/14 (14-015)   |
| 2202                | Security Inspection Program for Decommissioning Reactors<br>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)  |
| <br>                |  |
| 2300                | <u>High Level Waste</u>  |
| <br>                |  |
| 2300                | Yucca Mountain Inspection Program License Application Review Period<br>09/11/08 (08-026)   |
| <br>                |  |
| 2400                | <u>Low Level Waste Program</u>   |
| <br>                |  |
| 2401                | Near-Surface Low-Level Radioactive Waste Disposal<br>Facility Inspection Program 11/27/01 (01-028)   |
| 2410                | Conduct of Observation Audits 07/12/00 (00-012)  |
| <br>                |  |
| 2500                | <u>Reactor Inspection Program</u>  |
| <br>                |  |
| 2500                | Reactor Inspection Program 11/06/86 (reactivated 09-020)   |
| 2500/16             | Inspection to determine if a Potential Seismic Interaction Exists Between<br>the Movable In-Core Flux Mapping System and Seal Table at<br>Westinghouse Designed Facilities or Facilities with Similar Designs<br>06/13/86 (reactivated 09-015) |
| 2500/19             | Inspection of Licensee's Actions Taken to Implement Unresolved Safety<br>Issue A-26: Reactor Vessel Pressure Transient Protection for Pressurized<br>Water Reactors 11/14/86 (reactivated 09-015)  |
| 2500/020,<br>Rev. 2 | Inspection to Determine Compliance with ATWS Rule, 10 CFR<br>50.62 08/06/03 (reactivated 09-015)   |
| 2500/26             | Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener<br>Testing to Determine Conformance with Applicable Material<br>Specifications 11/20/87 (reactivated 09-025)  |
| 2500/27             | Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener<br>Testing to Determine Conformance with Applicable Material<br>Specifications 05/22/89 (reactivated 09-025)  |
| 2501                | Construction Inspection Program: Early Site Permit (ESP)<br>06/06/13 (13-013)  |
| 2502                | Construction Inspection Program: Pre-Combined License (Pre-<br>COL) Phase 12/13/10 (10-026)  |
| 2503                | Construction Inspection Program: Inspections of Inspections, Tests,<br>Analyses, and Acceptance Criteria (ITAAC) 07/05/12 (12-012)   |

|                    |  |
|--------------------|--|
| 2504               | Construction Inspection Program: Inspections of Construction and Operational Programs 10/24/12 (12-025)                            |
| 2505               | Periodic Assessment of Construction Inspection Program Results 10/15/14 (14-024)   |
| 2506               | Construction Reactor Oversight Process General Guidance and Basis Document 03/16/15 (15-004)                                       |
| 2507               | Construction Inspection Program: Vendor Inspections 10/03/13 (13-024)  |
| 2508               | Construction Inspection Program: Design Certification 03/08/13 (13-008)  |
| 2512               | Light Water Reactor Inspection Program - Construction Phase 12/17/86 (reactivated 07-032)  |
| 2512/07,<br>Rev. 2 | Regional Construction Assessment Team Inspections 01/27/84 (reactivated 08-004)  |
| 2512/15            | Inspection of Watts Bar Nuclear Plant Employee Concerns Program 11/18/85 (reactivated 08-004)                                      |
| 2512/016           | Inspection of Watts Bar Nuclear Plant Cable Issues Corrective Action Program Plan 07/13/92 (reactivated 08-004)                    |
| 2512/017           | Inspection of Watts Bar Nuclear Plant Cable Tray and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004)         |
| 2512/018           | Inspection of Watts Bar Nuclear Plant Electrical Conduit and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004) |
| 2512/019           | Inspection of Watts Bar Nuclear Plant Design Baseline Corrective Action Program Plan 07/13/92 (reactivated 08-004)                 |
| 2512/020           | Inspection of Watts Bar Nuclear Plant Electrical Issues Corrective Action Program Plan 07/13/92 (reactivated 08-004)               |
| 2512/021           | Inspection of Watts Bar Nuclear Plant Equipment Seismic Corrective Action Program Plan 07/13/92 (reactivated 08-004)               |
| 2512/022           | Inspection of Watts Bar Nuclear Plant Fire Protection Corrective Action Program Plan 07/13/92 (reactivated 08-004)                 |
| 2512/023           | Inspection of Watts Bar Nuclear Plant Hanger Update Corrective Action Program Plan 07/13/92 (reactivated 08-004)                   |
| 2512/024           | Inspection of Watts Bar Nuclear Plant Heat Code Traceability Corrective Action Program Plan 07/13/92 (reactivated 08-004)          |
| 2512/025           | Inspection of Watts Bar Nuclear Plant HVAC Duct and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004)          |
| 2512/026           | Inspection of Watts Bar Nuclear Plant Instrument Lines Corrective Action Program Plan 07/13/92 (reactivated 08-004)                |
| 2512/027           | Inspection of Watts Bar Nuclear Plant Piece Parts/Procurement Corrective Action Program Plan 07/13/92 (reactivated 08-004)         |
| 2512/028           | Inspection of Watts Bar Nuclear Plant QA Records Corrective Action Program Plan 07/13/92 (reactivated 08-004)                      |
| 2512/029           | Inspection of Watts Bar Nuclear Plant Q-List Corrective Action Program Plan 07/13/92 (reactivated 08-004)                          |
| 2512/030           | Inspection of Watts Bar Nuclear Plant Seismic Analysis Corrective Action Program Plan 07/13/92 (reactivated 08-004)                |
| 2512/031           | Inspection of Watts Bar Nuclear Plant Vendor Information Corrective Action Program Plan 07/13/92 (reactivated 08-004)              |

|             |   |
|-------------|---|
| 2512/032    | Inspection of Watts Bar Nuclear Plant Welding Corrective Action Program Plan 07/13/92 (reactivated 08-004)                            |
| 2512/033    | Inspection of Watts Bar Nuclear Plant Concrete Quality Special Program 07/13/92 (reactivated 08-004)                                  |
| 2512/034    | Inspection of Watts Bar Nuclear Plant Containment Cooling Special Program 07/13/92 (reactivated 08-004)                               |
| 2512/035    | Inspection of Watts Bar Nuclear Plant Control Room Design Review Special Program 07/13/92 (reactivated 08-004)                        |
| 2512/036    | Inspection of Watts Bar Nuclear Plant Environmental Qualification Special Program 07/13/92 (reactivated 08-004)                       |
| 2512/037    | Inspection of Watts Bar Nuclear Plant Master Fuse List Special Program 07/13/92 (reactivated 08-004)                                  |
| 2512/038    | Inspection of Watts Bar Nuclear Plant Mechanical Equipment Qualification Special Program 07/13/92 (reactivated 08-004)                |
| 2512/039    | Inspection of Watts Bar Nuclear Plant Microbe Induced Corrosion Special Program 07/13/92 (reactivated 08-004)                         |
| 2512/040    | Inspection of Watts Bar Nuclear Plant Moderate Energy Line Break Special Program 07/13/92 (reactivated 08-004)                        |
| 2512/041    | Inspection of Watts Bar Nuclear Plant Radiation Monitoring System Special Program 07/13/92 (reactivated 08-004)                       |
| 2512/042    | Inspection of Watts Bar Nuclear Plant Soil Liquefaction Special Program 07/13/92 (reactivated 08-004)                                 |
| 2512/043    | Inspection of Watts Bar Nuclear Plant Use-As-Is CAQRS Special Program 07/13/92 (reactivated 08-004)                                   |
| 2512 App I  | Light Water Reactor Inspection Program - Construction Phase – Procedure List 10/16/07 (07-032)  |
| 2513        | Light Water Reactor Inspection Program – Preoperational Testing and Operational Preparedness Phase 08/05/08 (Reactivated 08-023)      |
| 2513, App A | Light Water Reactor – Preoperational Testing Phase 08/05/08 (reactivated 08-023)  |
| 2513, App B | Light Water Reactor – Operational Preparedness Phase 08/05/08 (reactivated 08-023)  |
| 2514        | Light Water Reactor Inspection Program – Startup Testing Phase 08/21/89 (89-013)  |
| 2514, App A | Startup Test Program Inspection Procedures 04/15/94 (94-018)  |
| 2515        | Light Water Inspection Program - Operations Phase 05/01/15 (15-009)   |
| 2515, App A | Risk-Informed Baseline Inspection Program 03/08/13 (13-008)   |
| 2515, App B | Supplemental Inspection Program 08/18/11 (11-013)   |
| 2515, App C | Special and Infrequently Performed Inspections 06/24/15 (15-012)  |
| 2515, App D | Plant Status 09/04/15 (15-016)  |
| 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)  |
| 2515/28     | Inspection Requirements to Review Licensee Actions Taken in Response to IE Bulletin 79-02, Revision No. 07/01/79 (reactivated 09-015) |
| 2515/29     | Inspection Requirements for IEB 79-14 09/14/79 (reactivated 09-015)   |
| 2515/30     | Inspection Requirements To Review PWR Licensee Actions Taken in Response to IE Bulletin No. 79-21 09/14/79 (reactivated 09-015)       |

|                     |  |
|---------------------|--|
| 2515/37             | Inspection Requirements To Review Licensee Actions Taken in Response to IE Bulletin 80-11, Masonry Wall Design 07/03/80 (reactivated 09-015)   |
| 2515/64,<br>Rev. 1  | Near-Term Inspection Followup to Generic Letter 83-28 04/04/85 (reactivated 09-015)  |
| 2515/65,<br>Rev. 2  | TMI Action Plan Requirement Followup 07/10/90 (reactivated 09-015)   |
| 2515/66             | Inspection Requirements for IE Bulletin 84-03, 'Refueling Cavity Water Seals 12/17/84 (reactivated 09-015)   |
| 2515/69             | Inspection of Response to IE Bulletin 85-01 12/20/85 (reactivated 09-015)  |
| 2515/71             | Inspection of Licensees' Actions in Response to IE Bulletin 82-02 12/20/85 (reactivated 09-015)  |
| 2515/72             | Inspection of Response to IE Bulletin 85-02 12/20/85 (reactivated 09-015)  |
| 2515/87             | Inspection of Licensee's Implementation of Multiplant Action A-17: Instrumentation for Nuclear Power Plants To Access Plant and Environs Conditions During and Following an Accident (Regulatory Guide 1.97) 09/17/90 (reactivated 09-015) |
| 2515/88             | Inspection of Licensee's Actions Taken to Implement NRC Guidelines for Protection from Flooding of Equipment Important to Safety 04/06/87 (reactivated 09-015)   |
| 2515/91             | Inspection Followup to Generic Letter 83-28, Item 4.1 04/06/87 (reactivated 09-015)  |
| 2515/101            | Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f) (reactivated 09-015)   |
| 2515/103            | Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f) – Programmed Enhancements (Long Term) Review 12/18/89 (reactivated 09-015)   |
| 2515/105            | Inspection of Licensee Activities in Reference to NRC Bulletin 88-04 – Potential Safety-Related Pump Loss 05/14/90 (reactivated 09-015)  |
| 2515/107            | Electrical Distribution System Functional Inspection (EDSFI) 10/19/90 (reactivated 09-015)   |
| 2515/109,<br>Rev. 4 | Inspection Requirements for Generic Letter 89-10, Safety-Related Motor-Operated Valve Testing and Surveillance 07/23/98 (reactivated 09-015)   |
| 2515/110,<br>Rev.1  | Performance of Safety-Related Check Valves 11/15/93 (reactivated 09-015)   |
| 2515/111            | Electrical Distribution System Followup Inspection 08/06/03 (reactivated 09-015)   |
| 2515/113            | Reliable Decay Heat Removal During Outages 11/18/91 (reactivated 09-015)   |
| 2515/114            | Inspection Requirements for Generic Letter 89-04, Acceptable Inservice Testing Programs 01/15/92 (reactivated 09-015)  |
| 2515/118,<br>Rev. 2 | Service Water System Operational Performance Inspection (SWSOPI) 03/17/95 (reactivated 09-015)   |
| 2515/120            | Inspection of Implementation of Station Blackout Rule Multi-plant Action Item A-22 09/24/93 (reactivated 09-015)   |

|                     |  |
|---------------------|--|
| 2515/139            | Inspection of Licensee's Implementation of Generic Letter 96-01 - Testing of Safety Related Logic Circuits 07/23/98 (reactivated 09-015)   |
| 2515/140            | Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves (GL 96-05) 09/29/98 (reactivated 09-015)  |
| 2515/142            | Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02) 06/18/99 (reactivated 09-015)   |
| 2515/145            | Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01 (reactivated 09-015)  |
| 2515/152            | Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Rev. 1 Bulletin 2003-02) 11/15/03 (reactivated 09-015)   |
| 2515/153,<br>Rev. 1 | Reactor Containment Sump Blockage (NRC Bulletin 2003-01) 02/18/05 (reactivated 09-015)   |
| 2515/160            | Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01) 10/06/04 (reactivated 09-015)   |
| 2515/165            | Operational Readiness of Offsite Power and Impact on Plant Risk 03/03/06 (reactivated 09-025)  |
| 2515/176            | Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015  |
| 2515/179<br>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) |
| 2515/182<br>Rev 1   | Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks 08/08/13 (13-016)   |
| 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 Licensee's Responses to Mitigation Strategies Order EA-12-049, Spent Fuel Pool Instrumentation Order EA-12-051 and Emergency Preparedness Information Requested in NRC March 12, 2012 10/06/14 (14-023)            |
| 2515/192            | RESERVED Interim Actions Associated with and Open Phase Condition (OPC)  |
| 2515/193            | RESERVED Tube -to- Tubesheet Welds   |
| 2516                | Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)  |
| 2517                | Watts Bar Unit 2 Construction Inspection Program 06/06/13 (13-013)   |
| 2518                | Reserved for Construction Inspection Program: Advanced Reactors, Pre Construction Permit (CP)  |
| 2519                | Construction Significance Determination Process 07/15/13 (13-015)  |
| 2522                | Construction Reactor Oversight Process Self-Assessment Program 07/28/14 (14-017)   |
| 2522, App A         | Construction Reactor Oversight Process Self-Assessment Metrics 11/30/12 (12-027)   |

- 2523 NRC Application of the Reactor Operating Experience Program in NRC Oversight Processes 06/19/13 (13-014)
- 2530 Integrated Design Inspection Program 04/24/85 (reactivated 10-006)
- 2535 Design Verification Programs 03/24/89 (reactivated 10-006)
- 2545 Research and Test Reactor Inspection Program 06/23/04 (04-018)
- 2550 Reserved for Radioisotope Production Facilities (RPF) Licensed Under 10CFR50: Construction Inspection Program (CIP)
- 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)
- 2600/017 Review of the Implementation of the Decommissioning Planning Rule 02/25/13 (13-006)
- 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 10/11/12 (12-023)
- 2606 Assessment of the Change in Risk Resulting From a Violation at a Fuel Cycle Facility 09/26/12 (12-022)
- 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 09/24/15 (15-018)
- 2635 Reserved for Uranium Enrichment Facility Construction and Pre-Operational Readiness Review Inspection Programs
- 2641 In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)
- 2681 Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 06/27/14 (14-014)
- 2682 Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
- 2683 MC&A Safeguards Inspection of Fuel Facilities 05/09/14 (14-011)
- 2689/009 Inspection Guidance and Requirements for Physical Protection of the Transfer, Loading and Shipment of Irradiated Special Nuclear Material from General Atomics Facility, San Diego, California to U.S. Department of Energy, Idaho National Laboratory, Scoville, Idaho 08/12/10 (10-017)

|          |   |
|----------|---|
| 2690     | Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packagings 03/09/12 (12-004)   |
| 2694     | USEC Inc. Gas Centrifuge Facility Construction and Pre-operational Readiness Review Inspection Programs 05/16/07 (07-016)   |
| 2696     | Louisiana Energy Services Gas Centrifuge Facility Construction and Pre-Operational Readiness Review Inspection Programs 10/19/06 (06-028)   |
| 2700     | <u>Licensee Contractor and Vendor Inspection Program</u>  |
| 2800     | <u>Materials Inspection Program</u>   |
| 2800     | Materials Inspection Program 11/15/10 (10-023)  |
| 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 | Reserved for Evaluation of Trustworthiness and Reliability Determinations   |
| 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 Management Meetings

- 30050 Construction Permit Corporate Management Meeting 04/01/80  
(reactivated 07-034)
- 30703 Management Meetings - Entrance and Exit Interviews 01/01/82  
(reactivated 08-008)
- 30800 Initial Management Meeting - Materials Licensees 10/01/76 (76-26)

3100 Reserved

3200 Reserved

3300 Reserved

3400 Reserved

3500 Quality Assurance

- 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 02/26/14 (14-006)
- 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  
10/03/07 (07-030)

- 35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028)
- 35501 QA for the Startup Test Program 01/20/84 (84-04)
- 35701 Quality Assurance Program Review 09/17/01 (01-017)
- 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-Builts 12/04/87 (reactivated 07-032)
- 37055 Onsite Design Activities 04/01/83 (reactivated 07-032)
- 37060 Inspections under the 10CFR Part 50.69 Special Program  
09/14/11 (11-016)
- 37301 Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008)
- 37700 Design Changes, and Modifications 09/17/01 (01-017)
- 37801 Safety Reviews, Design Changes, and Modifications at  
Permanently Shutdown Reactors 08/11/97 (97-012)
- 37803 Reserved
- 37804 Aircraft Impact Assessment Inspection 02/09/12 (12-001)
- 37805 Engineering Design Verification Inspections 04/25/11 (11-007)

3800 Procurement

3900 Records

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

4000 Review and Audit

- 40001 Resolution of Employee Concerns 06/03/97 (97-006)
- 40002 Inspections to Review Allegations 06/28/02 (02-024)
- 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 Part 52, Review of Training and Qualification Programs 04/25/11 (11-007)
- 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 07/15/13 (13-015)
- 43003 Reactive Inspections of Nuclear Vendors 10/03/13 (13-024)
- 43004 Inspection of Commercial-Grade Dedication Programs 11/29/13 (13-027)
- 43005 NRC Oversight of Third-Party Organizations Implementing Quality Assurance Requirements 10/08/15 (15-019)

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 11/08/11 (11-031)  
50002 Steam Generators 12/31/96 (96-024)  
50003 Pressurizer Replacement Inspection 07/07/05 (05-018)  
50051 Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034)  
50053 Reactor Vessel and Internals Work Observation 08/16/82  
(reactivated 07-034)  
50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)  
50055 Reactor Vessel and Internals Record Review 08/16/82  
(reactivated 07-034)  
50054 Reserved for Reactor Vessel Material Surveillance Program  
50071 (Safety-Related Components – Procedure Review 04/01/83  
(reactivated 07-034)  
50073 Mechanical Components – Work Observation 11/19/85  
(reactivated 07-034)  
50075 Safety Related Components – Records Review 04/01/83  
(reactivated 07-034)  
50090 Pipe Support and Restraint Systems 08/06/03 (03-028)  
50095 Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)  
50100 Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

#### 5100 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 Equipment Qualification 11/07/11 (11-029)

#### 5200 Instrumentation Systems and Components

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

|       |   |
|-------|---|
| 52053 | Instrument Components and Systems – Work Observation 03/30/84<br>(reactivated 07-034)   |
| 52055 | Instrument Components and Systems – Record Review 03/30/84<br>(reactivated 07-034)  |
| 5300  | <u>Containment Penetrations</u>   |
| 53051 | Containment Penetrations (Mechanical) Procedure Review 01/27/84<br>(reactivated 07-034)   |
| 53053 | Containment Penetrations (Mechanical) Work Observation 01/27/84<br>(reactivated 07-034)   |
| 53055 | Containment Penetrations (Mechanical) Record Review 01/17/84<br>(reactivated 07-034)  |
| 5400  | <u>Cleanliness</u>  |
| 5500  | <u>Welding</u>  |
| 55050 | Nuclear Welding General Inspection Procedure 06/20/83 (83-06)   |
| 55093 | Reactor Vessels Internals (Welding) Observation of Welding and<br>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  | <u>Calibration</u>  |
| 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<br>Examination Procedure Review/Work Observation/Record<br>Review 06/14/93 (93-005) |
| 5800  | <u>Special Processes</u>  |

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

|         |  |
|---------|--|
| 60501   | Fuel Receipt and Storage 04/30/75 (reactivated 08-032)   |
| 60705   | Preparation for Refueling 07/27/95 (95-009)  |
| 60710   | Refueling Activities 07/27/95 (95-009)   |
| 60715   | Reserved for Spent Fuel Safety at Operating Reactors   |
| 60801   | Spent Fuel Pool Safety at Permanently Shutdown Reactors<br>08/11/97 (97-012)   |
| 60845   | Operation of Intra-Unit Fuel Transfer Canister and Cask System<br>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<br>ISFSI 01/16/08 (08-003)  |
| 60854   | Preoperational Testing of an Independent Spent Fuel Storage Installation<br>01/16/08 (08-003)  |
| 60854.1 | Preoperational Testing of Independent Spent Fuel Storage<br>Facility Installation at Operating Plants 09/05/06 (06-022)  |
| 60855   | Operation of an Independent Spent Fuel Storage Installation<br>01/16/08 (08-003)   |
| 60855.1 | Operation of an Independent Spent Fuel Storage Installation at<br>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<br>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<br>Components   |
| 60860   | Reserved for Nondestructive Examination Procedure Visual Examination<br>Procedure Review/Work Observation/Record Review of Transportation<br>and ISFSI Components        |
| 60861   | Reserved for Nondestructive Examination Procedure Liquid Penetrant<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components  |
| 60862   | Reserved for Nondestructive Examination Procedure Magnetic Particle<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components |
| 60863   | Reserved for Nondestructive Examination Procedure Ultrasonic<br>Examination Procedure Review/Work Observation/Record Review  |
| 60864   | Reserved for Nondestructive Examination Procedure Radiographic<br>Examination Procedure Review/Work Observation/Record Review of<br>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)



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| 64100    | Postfire Safe Shutdown, Emergency Lighting and Oil Collection Capability at Operating and Near-Term Operating Reactor Facilities 03/16/87 (reactivated 10-009) |
| 64102    | Reserved for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities   |
| 64704    | Fire Protection Program 06/24/98 (98-010)  |
| 64705    | Part 52, Fire Protection Operational Program 10/03/07 (07-030)   |
| <br>     |  |
| 6500     | <u>10 CFR Part 52 ITAAC Inspections</u>  |
| 65001    | Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)  |
| 65001.01 | Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)  |
| 65001.02 | Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)  |
| 65001.03 | Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)   |
| 65001.04 | Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)   |
| 65001.05 | Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)  |
| 65001.06 | Inspection of ITAAC-Related Installation of Mechanical Components 01/27/15 (15-001)  |
| 65001.07 | Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)   |
| 65001.08 | Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)  |
| 65001.09 | Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)   |
| 65001.10 | Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)  |
| 65001.11 | Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)                                |
| 65001.12 | Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air Conditioning Systems 07/29/08 (08-021)   |
| 65001.13 | Inspection of ITAAC-Related Installation of Load Handling Equipment and Fuel Racks 08/05/09 (09-019)   |
| 65001.14 | Inspection of ITAAC-Related Installation of Complex Systems with Multiple Components 06/24/15 (15-012)   |
| 65001.15 | Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)  |
| 65001.16 | Inspection of ITAAC-Related Engineering 06/20/14 (14-013)  |
| 65001.17 | Inspection of ITAAC-Related Security Structures, Systems, and Components 10/15/09 (09-024)   |
| 65001.18 | Inspection of Emergency Planning ITAAC 10/30/08 (08-030)   |
| 65001.19 | Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029)  |

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| 65001.20        | Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-<br>Related ITAAC 06/02/11 (11-009)                                       |
| 65001.21        | Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria<br>(DAC) – Related ITAAC 11/07/11 (11-029)                               |
| 65001.22        | Inspection of Digital Instrumentation and Control (DI&C) System/Software<br>Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041) |
| 65001.23        | Inspection of Human Factors Engineering Integrated System Validation<br>ITAAC 12/22/14 (14-031)  |
| 65001.23, App A | Inspection Guide for AP1000 Human Factors Engineering Integrated<br>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<br>04/18/14 (14-010)   |
| 65001.D         | Inspection of the ITAAC-Related Operational Testing Program<br>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<br>09/20/13 (13-022)   |
| 65051           | Low-Level Radioactive Waste Storage Facilities 06/13/86<br>(reactivated 07-034)  |
| 6600            | <u>Reserved</u>  |
| 6700            | <u>Reserved</u>  |
| 6800            | <u>Reserved</u>  |

6900 Non-Power Reactor Inspection

- 69001 Class II Research and Test Reactors 02/03/04 (04-004)
- 69002 Class III Research and Test Reactors 02/03/04 (04-004)
- 69003 Class I Research and Test Reactor Operator Licenses, Requalification, and Medical Examinations 02/03/04 (04-004)
- 69004 Class I Research and Test Reactor Effluent and Environmental Monitoring 02/03/047 (04-004)
- 69005 Class I Research and Test Reactor Experiments 02/03/04 (04-004)
- 69006 Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)
- 69007 Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)
- 69008 Class I Research and Test Reactor Procedures 02/03/04 (04-004)
- 69009 Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)
- 69010 Class I Research and Test Reactor Surveillance 02/03/04 (04-004)
- 69011 Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)
- 69012 Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)
- 69013 Research and Test Reactor Decommissioning 02/03/04 (04-004)
- 69020 Reserved for Inspections of Structures, Systems And Components During Construction of Radioisotope Production Facilities
- 69021 Reserved for Inspections of Quality Assurance Program Implementation During Construction of Radioisotope Production Facilities
- 69022 Reserved for Inspections of Operational Readiness During Construction of Radioisotope Production Facilities

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)

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| 70308 | Preoperational Hot Functional Testing - PWR Procedure Review)<br>10/01/83 (reactivated 08-032)                          |
| 70311 | Preoperational Testing Procedure Verification 10/01/83<br>(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)<br>01/01/79 (reactivated 08-032)                        |
| 70316 | Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79<br>(reactivated 08-032)                              |
| 70317 | Reactor Protection System Test Preoperational Test Witnessing 01/01/79<br>(reactivated 08-032)                          |
| 70323 | Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)  |
| 70324 | Preoperational Test Results Evaluation - Integrated Hot Functional Test<br>04/01/77 (reactivated 08-032)                |
| 70325 | Preoperational Test Results Evaluation - Reactor Protection System<br>01/01/79 (reactivated 08-032)                     |
| 70326 | Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79<br>(reactivated 08-032)                         |
| 70329 | Preoperational Test Result Evaluation Verification 10/01/83<br>(reactivated 08-032)                                     |
| 70331 | Vibration Test- Preoperational Test Procedure Review 01/01/79<br>(reactivated 09-003)                                   |
| 70332 | Control Rod System Test - Preoperational Test Procedure Review<br>01/01/79 (reactivated 09-003)                         |
| 70333 | Chemical Control System Test - Preoperation Test Procedure<br>Review 01/01/79 (reactivated 09-003)                      |
| 70334 | Engineered Safety Features Act. System Test - Preoperational<br>Test Procedure Review 01/01/79 (reactivated 09-003)     |
| 70335 | Safety and Relief Valve Test - Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                    |
| 70336 | Residual / Decay Heat Removal System Test - Preoperational Test<br>Review 01/01/79 (reactivated 09-003)                 |
| 70337 | Main Stream Isolation Valve Test - Preoperational Test Procedure<br>Review) 01/01/79 (reactivated 09-003)               |
| 70338 | Auxilliary Feedwater System Test -Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                 |
| 70339 | Component Cooling Water System Test - Preoperational; Test<br>Procedure Review 01/01/79 (reactivated 09-003)            |
| 70340 | D.C. Power System Test - Preoperational Test Procedure Review<br>01/01/79 (reactivated 09-003)                          |
| 70341 | Emergency/Standby Power Supply System Test - Preoperational<br>Teat Procedure Review 01/01/79 (reactivated 09-003)      |
| 70342 | Containment Combustable Gas Control System Test -<br>Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |

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| 70344 | Containment Isolation Vales Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)           |
| 70345 | Containment Heat/Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)    |
| 70346 | Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)    |
| 70347 | Pressurizer and Level Control System Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)   |
| 70348 | Main Feedwater Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)         |
| 70349 | Reactor Coolant Leak Detection System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70350 | Loose Parts Monitoring System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)         |
| 70351 | Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)     |
| 70352 | Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)               |
| 70353 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)  |
| 70354 | Nuclear Instrumentation System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)        |
| 70355 | Compressed Gas System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                 |
| 70362 | Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032)                          |
| 70367 | Inspection of Pre-operational Test Program 01/15/14 (14-001)  |
| 70368 | Part 52 Containment Leak Rate Testing (Programmatic) 11/07/11 (11-029)  |
| 70369 | Reserved for Part 52 Containment Leak Rate Testing  |
| 70370 | Testing Piping Support and Restraint Systems 03/07/86 (86-13)   |
| 70371 | Reserved for Part 52 Testing of Pipe Support and Restraint System   |
| 70400 | Preoperational Test Results Evaluation 10/01/83 (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)        |

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| 70437 | Main Stream Isolation Valve Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                |
| 70438 | Auxiliary Feedwater System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                 |
| 70439 | Component Cooling Water System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)             |
| 70440 | D.C. Power System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                          |
| 70441 | Emergency / Standby Power Supply System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)    |
| 70442 | Containment Combustible Gas Control System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003) |
| 70443 | Containment Spray System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                   |
| 70444 | Containment Isolation Valve Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                |
| 70445 | Containment Heat/Cool/Vent. System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)         |
| 70446 | Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test<br>Witnessing 01/22/09 (09-003)                 |
| 70447 | Pressurizer and Level Control System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)       |
| 70448 | Main Feedwater Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)              |
| 70449 | Reactor Coolant Leak Detection System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)      |
| 70450 | Loose Parts Monitoring System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)              |
| 70451 | Integrated Reactor Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)          |
| 70452 | Remote Reactor Shutdown Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                    |
| 70453 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)       |
| 70454 | Nuclear Instrumentation System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)             |
| 70455 | Compressed Gas System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                      |
| 70462 | Reactor Coolant System Hydrostatic Test - Test Witnessing 08/13/14<br>14-018                                      |
| 70562 | Reactor Coolant System Hydrostatic Test Results Evaluation 08/13/14<br>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 02/25/13 (13-006)                                   |
| 71004      | Power Uprate 05/21/15 (15-010)  |
| 71007      | Reactor Vessel Head Replacement Inspection 06/04/07 (07-018)  |
| 71013      | Site Inspections at Plants with Timely Renewal Applications<br>09/25/13 (13-023)                      |
| 71111      | Reactor Safety-Initiating Events, Mitigating Systems,<br>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)  |
| 71111.05N  | Reserved for Fire Protection - NFPA 805 (Triennial)   |
| 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 10/28/11 (11-025)   |
| 71111.07   | Heat Sink Performance 07/06/10 (10-015)   |
| 71111.08   | In-service Inspection Activities 11/13/14 (14-027)  |
| 71111.11   | Licensed Operator Requalification Program 09/24/14 (14-022)   |
| 71111.12   | Maintenance Effectiveness 04/29/11 (11-008)   |
| 71111.13   | Maintenance Risk Assessments and Emergent Work Control<br>10/28/11 (11-025)                           |
| 71111.15   | Operability Determinations and Functionality Assessments<br>14-030 (12/17/14)                         |
| 71111.17T  | Evaluations of Changes, Tests, and Experiments and Permanent Plant<br>Modifications 03/05/13 (13-007) |
| 71111.18   | Plant Modifications 12/21/10 (10-028)   |
| 71111.19   | Post Maintenance Testing 09/24/14 (14-022)  |
| 71111.20   | Refueling and Other Outage Activities 01/27/15 (15-001)   |
| 71111.21   | Component Design Bases Inspection 11/29/13 (13-027)   |
| 71111.22   | Surveillance Testing 06/15/15 (15-011)  |
| 71113      | Reserved for Review of License Renewal Commitments for Plants in<br>Timely Renewal                    |
| 71114      | Reactor Safety-Emergency Preparedness 05/29/12 (12-008)   |
| 71114.01   | Exercise Evaluation 05/29/12 (12-008)   |
| 71114.02   | Alert and Notification System Evaluation 05/29/12 (12-008)  |
| 71114.03   | Emergency Response Organization Staffing and Augmentation System<br>05/29/12 (12-008)                 |
| 71114.04   | Emergency Action Level and Emergency Plan Changes<br>10/31/08 (08-031)                                |
| 71114.05   | Maintenance of Emergency Preparedness 05/29/12 (12-008)   |
| 71114.06   | Drill Evaluation 05/29/12 (12-008)  |
| 71114.07   | Exercise Evaluation-Hostile Action (HA) Event 12/02/09 (09-029)                                       |
| 71114.08   | Exercise Evaluation-Scenario Review 09/19/12 (12-021)   |
| 71121      | Occupational Radiation Safety 03/06/02 (02-008)   |
| 71121.01   | Access Control to Radiologically Significant Areas 03/06/02 (02-008)                                  |

|          |   |
|----------|---|
| 71121.02 | ALARA Planning and Controls 03/06/08 (02-008)   |
| 71121.03 | Radiation Monitoring Instrumentation 03/06/02 (02-008)  |
| 71122    | Public Radiation Safety 01/24/03 (03-001)   |
| 71122.01 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems 12/18/08 (08-036)                          |
| 71122.02 | Radioactive Material Processing and Transportation 01/24/03 (03-001)  |
| 71122.03 | Radiological Environmental Monitoring Program (REMP) 01/24/03 (03-001)  |
| 71124    | Radiation Safety - Public and Occupational 12/02/09 (09-030)  |
| 71124.01 | Radiological Hazard Assessment and Exposure Controls 12/02/09 (09-030)  |
| 71124.02 | Occupational ALARA Planning and Controls 12/02/09 (09-030)  |
| 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation 12/02/09 (09-030)  |
| 71124.04 | Occupational Dose Assessment 12/02/09 (09-030)  |
| 71124.05 | Radiation Monitoring Instrumentation 12/02/09 (09-030)  |
| 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment 06/06/13 (13-013)   |
| 71124.07 | Public Radiation Safety 12/02/09 (09-030)   |
| 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation 12/02/09 (09-030) |
| 71130    | Security 04/20/15 (15-006)  |
| 71130.01 | Access Authorization 04/20/15 (15-006)  |
| 71130.02 | Access Control 04/20/15 (15-006)  |
| 71130.03 | Contingency Response - Force-On-Force Testing 04/20/15 (15-006)   |
| 71130.04 | Equipment Performance, Testing and Maintenance 04/27/15 (15-007)  |
| 71130.05 | Protective Strategy Evaluation 04/27/15 (15-007)  |
| 71130.06 | Protection of Safeguards Information 04/20/15 (15-006)  |
| 71130.07 | Security Training 04/27/15 (15-007)   |
| 71130.08 | Fitness for Duty Program 05/21/15 (15-010)  |
| 71130.10 | Reserved for Information Technology Security  |
| 71130.11 | Material Control & Accounting (MC&A) 12/10/08 (08-035)  |
| 71130.12 | Reserved for Physical Protection of Shipments of Irradiated Fuel  |
| 71130.13 | Reserved for Security Inspections Conducted by Resident Inspectors  |
| 71130.14 | Review of Power Reactor Target Sets 04/20/15 (15-006)   |
| 71150    | Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)   |
| 71151    | Performance Indicator Verification 09/26/12 (12-022)  |
| 71152    | Problem Identification and Resolution 02/26/15 (15-003)   |
| 71153    | Follow-up of Events and Notices of Enforcement Discretion 12/05/2011 (11-039)                                       |
| 71302    | Preoperational Test Program Implementation Verification 10/01/83 (reactivated 08-032)                               |
| 71303    | Part 52, Technical Specifications Review 10/20/08 (08-029)  |
| 71714    | Cold Weather Preparations 09/17/01 (01-017)   |
| 71715    | Sustained Control Room and Plant Observation 04/14/92 (92-004)  |
| 71801    | Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012)                    |



71841 Human Performance 12/12/00 (00-027)

7200 Startup Testing

72300 Startup Test Procedure Review 01/20/84 (84-04)  
72301 Startup Test Results Evaluation 01/20/84 (84-04)  
72302 Startup Test Witnessing and Observation 01/20/84(84-04)  
72303 Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and  
Test Results Evaluation 09/05/06 (06-021)  
72304 Startup Testing for AP 1000: Test Procedure Review, Test Witnessing,  
and Test Results Evaluation 09/05/06 (06-021)  
72400B Overall Startup Test Program 07/01/80 (80-16)  
72401 Part 52, Inspection of Startup Test Program 06/24/14 (14-014)  
72500B Initial Fuel Loading Procedure 04/30/75 (75-16)  
72501 Reserved for Part 52 Initial Fuel Load Procedure Review  
72502B Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)  
72504B Heat-up Phase Procedure Review 04/30/75 (75-16)  
72508B Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)  
72509B Power Ascension Procedure Review: Control Rod Drive System  
07/01/80 (80-16)  
72510B Power Ascension Procedure Review - Relief Valves and MSIVs  
04/30/75 (75-16)  
72512B Startup Test Procedure Review - RCIC or Recirculation Pump Trip  
04/30/75 (75-16)  
72514B Startup Test Procedure Review - Turbine Trip/Generator Trip  
07/01/80 (80-16)  
72516B Startup Test Procedure Review - Shutdown From Outside the  
Control Room (Group A) 07/01/80 (80-16)  
72517B Startup Test Procedure Review: Loss of Offsite Power  
(Group A & B) 07/01/80 (80-16)  
72518B Startup Test Procedure Review - Core Performance  
07/01/80 (80-16)  
72524 Initial Fuel Loading Witnessing 01/20/84 (84-04)  
72525 Reserved for Part 52 Initial Fuel Load Witnessing  
72526 BWR Initial Criticality Witnessing 01/20/84 (84-04)  
72532 Power Level Plateau Data Review (BWR) 01/20/84 (84-04)  
72564B Pre-critical Test Procedure Review - Protective Trip  
Circuit or Rod Drop Measurement 07/01/80 (80-16)  
72566B Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer  
Effectiveness 07/01/80 (80-16)  
72570B Initial Criticality Procedure Review (PWR) 07/01/80 (80-16)  
72572B Low Power Test Procedures Review Moderator Temperature  
Coefficient and Boron Worth or Control Rod Worth and  
Pseudo Rod Ejection Worth 07/01/80 (80-16)  
72576B Power Ascension Test Procedure Review - Natural  
Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16)

72578B Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16)

72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16)

72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16)

72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16)

72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16)

72592 PWR Initial Criticality Witnessing 01/20/84 (84-04)

72596B Pre-critical Data Review 07/01/80 (80-16)

72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16)

72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16)

72616B Power Level PI01/14/86 (86-03)

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 12/22/14 (14-031)

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

80210 Environmental Protection - Initial and Periodic Inspections  
06/22/05 (05-016)

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)

81000.10 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)   |
| 81001.1  | Independent Spent Fuel Storage Installation(s) at Operating Plants<br>02/02/04 (04-003)                                 |
| 81018    | Physical Security Plan and Implementing Procedures<br>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<br>Controlled Access Areas 09/10/07 (07-027)                |
| 81055    | Reserved for Part 52 Physical Barriers - Vital Areas, Material Access<br>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<br>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   |

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| 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)<br>(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 06/02/11 (11-009)  |
| 81335    | Physical Protection of Shipments of Special Nuclear Material of Moderate Strategic Significance (SNM-MSS) 12/02/09 (09-029)  |
| 81340    | Physical Protection of Shipments of Special Nuclear Material of Low Strategic Significance (SNM-LSS) 11/23/09 (09-028)   |
| 81360    | General Requirements for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)  |
| 81365    | Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028)  |
| 81370    | Specific Requirements for Physical Protection of Formula Quantities of Special Nuclear Materials in Transit 12/22/08 (08-037)  |
| 81402    | Reports of Safeguards Events 11/23/09 (09-028)   |
| 81411    | Physical Protection for Reactors with Formula Quantities of Special Nuclear Material 11/04/85 (85-34)  |
| 81421    | Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance 11/23/09 (09-028)  |
| 81431    | Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance 10/24/12 (12-025)   |

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| 81501    | Personnel Training and Qualification - General Requirements<br>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.<br>Requirements   |
| 81504    | Fitness for Duty Program for Construction 10/15/09 (09-024)  |
| 81601    | Safeguards Contingency Plan - Implementation Review<br>12/22/08 (08-037)   |
| 81602    | Reserved for Part 52 Safeguards Contingency Plan - Implementation<br>Review  |
| 81700    | RESERVED for Materials Security  |
| 81700.09 | Security Measures for Licensed Facilities 10/26/15 (15-021)  |
| 81810    | Protection of Safeguards Information 09/10/07 (07-027)   |
| 81811    | Reserved for Part 52 Physical Protection Safeguards Information  |
| 81815    | Authorization for Access to National Security Information<br>(NSI) and Restricted Data (RD) 06/27/14 (14-014)                                  |
| 81820    | Physical Protection Facility Approval and Safeguarding<br>of National Security Information (NSI) and Restricted<br>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<br>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<br>Drills 11/08/11 (11-030)      |
| 82002.06 | Emergency Response Organization, Dose Assessment Drills<br>11/08/11 (11-030)                        |
| 82002.07 | Operational Status of the Emergency Preparedness Program<br>11/08/11 (11-030)                       |
| 82201    | Emergency Detection and Classification 03/23/05 (05-008)  |
| 82202    | Protective Action Decision Making 03/23/05 (05-008)   |
| 82301    | Evaluation of Exercises for Power Plants 04/24/13 (13-012)  |
| 82302    | Review of Exercise Objectives and Scenarios for Power Reactors<br>04/24/13 (13-012)                 |
| 82401    | Decommissioning Emergency Preparedness Scenario Review and<br>Exercise Evaluation 09/04/14 (14-020) |
| 82501    | Decommissioning Emergency Preparedness Program Evaluation<br>09/04/14 (14-020)                      |
| 82701    | Operational Status of the Emergency Preparedness Program<br>04/24/13 (13-012)                       |

8300 Radiation Protection

|          |   |
|----------|---|
| 83100    | Occupational Exposure During SAFSTOR and DECON<br>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<br>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<br>Radioactive Material Control Program 04/17/00 (00-006)                                       |
| 83521    | Radiation Protection - Startup 01/01/84 (84-01)   |
| 83522    | Radiation Protection, Plant Chemistry, Radwaste, and Environmental:<br>Organization and Management Controls 12/31/91 (reactivated 08-032)         |
| 83523    | Radiation Protection, Plant Chemistry, Radwaste, Transportation and<br>Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)   |
| 83524    | External Occupational Exposure Control and Personal Dosimetry<br>(Preoperational and Supplemental) 01/01/84 (reactivated 08-032)                  |
| 83525    | Internal Exposure Control and Assessment (Preoperational and<br>Supplemental) 01/01/84 (reactivated 08-032)                                       |
| 83526    | Control of Radioactive Materials and Contamination, Surveys, and<br>Monitoring (Preoperational And Supplemental) 01/01/84<br>(reactivated 08-032) |
| 83527    | Facilities and Equipment (Preoperational and Supplemental) 01/01/84<br>(reactivated 08-032)   |
| 83529    | Reserved for Part 52 Radiation Protection – Startup   |
| 83531    | Reserved for Part 52 Radiation Protection, Plant Chemistry, Radwaste,<br>and Environmental  |
| 83532    | Reserved for Part 52 Radiation Protection, Plant Chemistry, and<br>Radwaste Training  |
| 83533    | Part 52 External Occupational Exposure Control and Personal Dosimetry<br>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,<br>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<br>Management Controls (Minimum/Basic) 09/17/01 (01-017)                    |
| 83723    | General Employee, Radiation Safety, Plant Chemistry,<br>Radwaste, and Transportation Training 12/16/03 (03-041)                                   |
| 83724    | External Occupational Exposure Control and Personal<br>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<br>Monitoring 11/13/14 (14-027)   |

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| 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 09/05/06 (06-020) |
| 83822 | Radiation Protection 09/07/00 (00-016)  |
| 83890 | Closeout Inspection and Survey 05/01/03 (03-013)  |

8400 Radioactive Waste Management

|       |  |
|-------|--|
| 84100 | Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)                     |
| 84101 | Radioactive Waste Management 12/30/91 (91-022)   |
| 84521 | Radwaste - Startup 01/01/84 (84-01)  |
| 84522 | Solid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)   |
| 84523 | Liquids and Liquid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)  |
| 84524 | Gaseous Waste System (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)   |
| 84525 | Quality Assurance and Confirmatory Measurements for In-Plant Radiochemical Analysis (Preoperational and Supplemental) 5/23/85 (reactivated 08-032) |
| 84526 | Reserved for Part 52 Radwaste – Startup  |
| 84527 | Part 52, Solid Waste Management System 07/01/08 (08-019)   |
| 84528 | Reserved for Part 52 Liquid Waste Management System  |
| 84529 | Reserved for Part 52, Gaseous Waste Management System (Preoperational and Supplemental)  |
| 84750 | Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006)   |
| 84850 | Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 12/22/08 (08-037)                             |
| 84900 | Low-Level Radioactive Waste Storage 12/22/08 (08-037) (Preoperational and Supplemental)  |

8500 Material Control and Accountability

|       |  |
|-------|--|
| 85102 | Material Control and Accounting - Reactors 03/29/85 (85-10)  |
| 85103 | Reserved for Part 52 Material Control and Accounting - Reactor                                     |
| 85200 | MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15) |
| 85203 | Management Structure and Controls 09/09/10 (10-019)  |



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| 85205 | Facility Operations and Internal Controls 09/09/10 (10-019)  |
| 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<br>Training and Qualification 09/09/10 (10-019) |
| 85305 | Item Monitoring 09/09/10 (10-019)  |
| 85307 | Process Monitoring 12/21/2010 (10-027)   |
| 85309 | Measurement Systems and Control 10/20/10 (10-021)  |
| 85311 | Physical Inventory Program 11/15/10 (10-023)   |
| 85313 | Alarm Resolution Program 11/15/10 (10-023)   |
| 85315 | Internal Control 12/21/2010 (10-027)   |
| 85401 | Management Structure 09/09/10 (10-019)   |
| 85402 | Measurement Program 10/20/10 (10-021)  |
| 85403 | Measurement Control Program 10/20/10 (10-021)  |
| 85404 | Physical Inventory Program for Low Enriched Uranium Fuel Facilities<br>11/15/10 (10-023)                           |
| 85405 | Item Control 09/09/10 (10-019)   |
| 85406 | Resolution Program for Low Enriched Uranium Fuel Facilities 1<br>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<br>Reactors 06/22/88 (88-07)                                 |
| 85501 | Physical Inventory Program for Uranium Enrichment Facilities<br>11/15/10 (10-023)                                  |
| 85502 | Detection Program for Uranium Enrichment Facilities 12/21/2010 (10-027)  |
| 85503 | Resolution Program for Uranium Enrichment Facilities<br>11/15/10 (10-023)  |

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

|       |   |
|-------|---|
| 86001 | Design, Fabrication, Testing, and Maintenance of<br>Transportation Packagings 01/16/08 (08-003)         |
| 86700 | Spent Fuel Pool Activities 09/17/01 (01-017)  |
| 86730 | Transportation of Radioactive Materials (49 CFR Parts 100-<br>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<br>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 Reserved for Exempt Distribution Programs
- 87129 Master Materials Program 09/15/03 (03-034)
- 87130 Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041)
- 87131 Nuclear Medicine Programs, Written Directive Required 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)
- 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)

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| 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 02/26/14 (14-006)  |
| 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)  |
| 88105 | Management Organization and Controls 12/30/96 (96-026)  |
| 88106 | Quality Assurance: Program Development and Implementation (Pre-licensing and Construction) 02/07/07 (07-006)                                |
| 88107 | Quality Assurance: Design and Documentation Control (Pre-licensing and Construction) 05/18/05 (05-013)                                      |
| 88108 | Quality Assurance: Control of Materials, Equipment, and Services (Pre-licensing and Construction) 02/07/07 (07-006)                         |
| 88109 | Quality Assurance: Inspection, Test Control, and Control of Measuring and Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020) |
| 88110 | Quality Assurance: Problem Identification, Resolution and Corrective Action 05/18/05 (05-013)   |
| 88111 | 10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)   |
| 88112 | Reserved for Software Validation  |
| 88113 | Control of the Electronic Management of Data 02/07/07 (07-006)  |
| 88114 | Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade Item Dedication Process [Reactive] 10/25/06 (06-030)               |
| 88115 | Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030)   |
| 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 10/25/06 (06-030)              |
| 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<br>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<br>08/08/07 (07-024)                  |
| 88143    | Pipe Supports and Restraints 7/25/07 (07-023)  |
| 88150    | Reserved for Training and Qualification of Plant Personnel                                   |
| 88151    | Reserved for Facility Changes and Change Process (10 CFR70.72)                               |
| 88152    | Reserved for Physical Protection Equipment and Barriers                                      |
| 88153    | Reserved for Material Control and Accounting   |
| 88154    | Reserved for Fire Safety and Protection Systems  |
| 88155    | Reserved for Functional Verifications of IROFS   |
| 88156    | Reserved for Integrated Safety Analysis Implementation                                       |
| 88157    | Reserved for Waste Management Equipment and Systems  |
| 88158    | Reserved for Environmental Protection - Initial and Periodic Inspections                     |
| 88159    | Reserved for Process Enclosures and Vessels  |
| 88160    | Reserved for Utilities and Bulk Chemicals  |
| 88161    | Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities<br>07/28/14 (14-017) |

8900 Fuel Facility and Materials Special Program

|       |  |
|-------|--|
| 89001 | In-Situ Leach (ISL) Facilities 09/02/97 (97-013) |
|-------|--|

9000 Reportable Matters and Report Reviews

|       |  |
|-------|--|
| 90001 | Construction Regulatory Response Column Inspections 10/27/10<br>(10-022) |
|-------|--|

|        |   |
|--------|---|
| 90002  | Construction Degraded Performance Column Inspections 10/28/14 (14-026)                                  |
| 90003  | Construction Multiple/Repetitive Degraded Cornerstone Column Inspection 10/28/14 (14-026)               |
| 90501B | Reportable Matters - Startup Test Program 04/30/75 (75-16)  |
| 90502  | Reserved for Part 52 Reportable Matters - Test Program  |
| 90700  | Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)            |
| 90712  | In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020) |
| 90713  | In Office Review of Periodic and Special Reports 09/17/01 (01-017)                                      |
| 90714  | Non-routine Reporting Program 09/17/01 (01-017)   |

9100 Title 10 Requirements

9200 Planned Non-Routine Activities

|       |   |
|-------|---|
| 92050 | Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005)   |
| 92700 | Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)   |
| 92701 | Follow-up 03/13/07 (07-010)   |
| 92702 | Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001) |
| 92703 | Follow-up of Confirmatory Action Letters 05/13/09 (09-012)  |
| 92709 | Licensee Strike Contingency Plans 03/14/14 (14-008)   |
| 92711 | Continued Implementation of Strike Plans During an Extended Strike 03/14/14 (14-008)  |
| 92712 | Resumption of Normal Operations After a Strike 03/14/14 (14-008)  |
| 92714 | Reserved for Part 52 Follow-up  |
| 92717 | IE Bulletins for Information and IE Information Notice Followup 09/25/85 (reactivated 10-020)   |
| 92720 | Corrective Action 09/28/98 (reactivated 07-034)   |
| 92721 | Reserved for Part 52 Follow-up on Corrective Actions for Violations and Deviations  |
| 92722 | Follow up Inspection for Any Severity Level I or II Traditional Enforcement Violation or for Two or More Severity Level III Traditional Enforcement Violations in a 12-Month Period 08/11/09 (09-020)     |
| 92723 | Follow Up Inspection for Three or More Severity Level IV Traditional 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

- 93001 OSHA Interface Activities 09/08/09 (09-021)
- 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
- 94302 Status of Watts Bar 2 Readiness for an Operating License  
01/30/15 (15-002)

9500 Strategic Determination Actions

- 95001 Supplemental Inspection for One or Two White Inputs in a Strategic  
Performance Area 02/09/11 (11-001)

|          |   |
|----------|---|
| 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 02/09/11 (11-001) |
| 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     | <u>Materials Safety and Security</u>  |
| 96001    | NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 12/22/14 (12-031)  |
| 9700     | <u>Reserved</u>   |
| 9800     | <u>Reserved</u>   |
| 9900     | <u>Guidance</u> <sup>2</sup>  |
| 9900     | Technical Guidance 05/12/86 (86-26)   |

**PART**  
**GUIDANCE**

Technical Guidance

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

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<sup>2</sup> [XXXX.XX] attached to each document in Part 9900, is the file name for that document.  
Issue Date: 10/26/15

|                   |   |
|-------------------|---|
| 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<br>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<br>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<br>12/08/86 (86-54)                  |
| 70.51                         | Material Balance, Inventory, and Records Requirements<br>12/19/74 (74-11)                 |
| 70.52                         | Report of Accidental Criticality or Loss of Special Nuclear Material<br>11/15/74 (74-010) |

Interpretations

END