
TABLE OF CONTENTS

Table of Contents Current through Change Notice 15-029 issued 12/14/2015

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC
Inspection Manual 11/20/14 (14-028)

0100 Program Responsibilities

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

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

0200 Program Management Reports

0300 Inspection Policy

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

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
11/23/15 (15-025)

0307, App A Reactor Oversight Process Self-Assessment Metrics 11/23/15 (15-025)

0307, App B ROP Realignment Process 11/23/15 (15-025)

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)

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

0308, Att 3	Technical Basis for Significance Determination Process 10/16/06 (06-027)
0308, Att 3, App A	Technical Basis for At Power Significance Determination 06/19/12 (12-010)
0308, Att 3, App B	Technical Basis for Emergency Preparedness Significance Determination Process 12/19/12 (12-029)
0308, Att 3, App C	Technical Basis for Occupational Radiation Safety Significance Determination Process 07/28/05 (05-022)
0308, Att 3, App D	Technical Basis for Public Radiation Safety Significance Determination Process 07/27/04 (04-020)
0308, Att 3, App E	Technical Basis for the Baseline Security Significance Determination Process 07/27/12 (12-016)
0308, Att 3, App F	Technical Basis for Fire Protection Significance Determination Process [IMC 0609, Appendix F] At Power Operations 02/28/05 (05-007)
0308, Att 3, App G	Technical Basis for Shutdown Operations Significance Determination Process 02/28/05 (05-007)
0308, Att 3, App H	Technical Basis for Containment Integrity Significance Determination Process 05/06/04 (04-010)
0308, Att 3, App I	Technical Basis for Operator Requalification Human Performance Significance Determination Process 07/28/05 (05-022)
0308, Att 3, App J	Technical Basis for Steam Generator Tube Integrity Findings Significance Determination Process 07/06/11 (11-011)
0308, Att 3, App K	Technical Basis for Maintenance Risk Assessment and Risk Management SDP 05/19/05 (05-014)
0308 Att 3 App L	Technical Basis for the B.5.b Significance Determination Process 05/09/14 (14-011)
0308 Att 3 App M	Technical Basis for the Significance Determination Process (SDP) 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 Process 09/08/09 (09-021)
0309	Reactive Inspection Decision Basis for Reactors 10/28/11 (11-023)
0310	Aspects Within the Cross-Cutting Areas 12/04/14 (14-029)
0312	Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees' Sites 06/06/02 (02-023)
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 Conditions Adverse To Quality or Safety
0326	Operability Determinations and Functionality Assessments for Conditions Adverse to Quality or Safety 12/03/15 (15-028)
0330	Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)

- 0350 Oversight of Operating Reactor Facilities in a Shutdown Condition
With Performance Problems 12/15/06 (06-035)
- 0351 Now IMC 0375
- 0375 Implementation of the Reactor Oversight Process at Reactor Facilities in
an Extended Shutdown Condition for Reasons Not Related to
Performance 11/13/15 (15-024)

0400 Enforcement Policy

- 0410 Notices of Enforcement Discretion
03/13/13 (13-009)
- 0410, App A Reserved for NOEDs during a Pandemic

0500 Tracking Systems

0600 Documentation of Program Findings

- 0608 Performance Indicator Program 09/26/12 (12-022)
- 0609 Significance Determination Process 04/29/15 (15-008)
- 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)
 0700	 <u>Communications with Licensees</u>
0730	Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)
 0800	 <u>Feedback - Improving the Regulatory Process</u>
0801	Reactor Oversight Process Feedback Program 08/08/13 (13-016)
0802	Reserved for the Part 52 Program
 0900	 <u>Reporting of Events/Incidents</u>
 1000	 <u>Regional Office Program Interfaces</u>
1007	Interfacing Activities between Regional Offices of NRC and OSHA 02/11/04 (04-006)
 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 11/24/15 (15-026)
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 11/24/15 (15-026)
1245, App C10	Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 10/21/15 (15-020)
1245, App C11	Security Risk Analyst Technical Proficiency Training and Qualification Journal 08/30/13 (13-019)

1245, App C12	Safety Culture Assessor Training and Qualification Journal 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 11/24/15 (15-026)
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 12/22/14 (14-031)
2201/005	Inspection of TVA WB1, Implementation of the Cyber Security Program Required by 10 CFR 73.54 and 10 CFR 73.55 07/03/14 (14-015)
2202	Security Inspection Program for Decommissioning Reactors 08/27/14 (14-019)
2202, App A	Security Core Inspection Program 08/27/14 (14-019)
2202, App B	Security Discretionary Inspection Program 10/06/14 (14-023)

2300 High Level Waste

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

2400 Low Level Waste Program

2401	Near-Surface Low-Level Radioactive Waste Disposal Facility Inspection Program 11/27/01 (01-028)
2410	Conduct of Observation Audits 07/12/00 (00-012)

2500 Reactor Inspection Program

2500	Reactor Inspection Program 11/06/86 (reactivated 09-020)
2500/16	Inspection to determine if a Potential Seismic Interaction Exists Between the Movable In-Core Flux Mapping System and Seal Table at Westinghouse Designed Facilities or Facilities with Similar Designs 06/13/86 (reactivated 09-015)
2500/19	Inspection of Licensee's Actions Taken to Implement Unresolved Safety Issue A-26: Reactor Vessel Pressure Transient Protection for Pressurized Water Reactors 11/14/86 (reactivated 09-015)
2500/020, Rev. 2	Inspection to Determine Compliance with ATWS Rule, 10 CFR 50.62 08/06/03 (reactivated 09-015)
2500/26	Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener Testing to Determine Conformance with Applicable Material Specifications 11/20/87 (reactivated 09-025)
2500/27	Inspection Requirements for NRC Compliance Bulletin 87-02, "Fastener Testing to Determine Conformance with Applicable Material Specifications 05/22/89 (reactivated 09-025)
2501	Construction Inspection Program: Early Site Permit (ESP) 06/06/13 (13-013)
2502	Construction Inspection Program: Pre-Combined License (Pre- COL) Phase 12/13/10 (10-026)
2503	Construction Inspection Program: Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) 07/05/12 (12-012)

2504	Construction Inspection Program: Inspections of Construction and Operational Programs 10/24/12 (12-025)
2505	Periodic Assessment of Construction Inspection Program Results 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, 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, Rev. 1	Near-Term Inspection Followup to Generic Letter 83-28 04/04/85 (reactivated 09-015)
2515/65, 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, 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, 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, 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, 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 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 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	Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50: Construction Inspection Program (CIP) 12/14/15 (15-029)
2561	Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 09/24/15 (15-018)
2600, App A	Guidance for Conducting Fuel Cycle Inspections 09/24/15 (15-018)
2600, App B	NRC Core Inspection Requirements, Tables 1 and 2 09/24/15 (15-018)
2600, App C	Fuel Cycle Resident Inspection Program 09/24/15 (15-018)
2600, App D	Fuel Cycle Facility Inspection Planning 09/24/15 (15-018)
2600/017	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	Evaluation of Trustworthiness and Reliability Determinations 11/25/15 (15-027)
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)
Issue Date: 12/14/15	
16	
TABLE OF CONTENTS	

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 12/14/15 (15-029)
- 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 (reactivated 07-034)
52055	Instrument Components and Systems – Record Review 03/30/84 (reactivated 07-034)
5300	<u>Containment Penetrations</u>
53051	Containment Penetrations (Mechanical) Procedure Review 01/27/84 (reactivated 07-034)
53053	Containment Penetrations (Mechanical) Work Observation 01/27/84 (reactivated 07-034)
53055	Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034)
5400	<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 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 Examination Procedure Review/Work Observation/Record 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	Spent Fuel Safety at Operating Reactors 10/30/15 (15-022)
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
60845	Operation of Intra-Unit Fuel Transfer Canister and Cask System 04/26/12 (12-007)
60851	Design Control of ISFSI Components 01/16/08 (08-003)
60852	ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003)
60853	On-Site Fabrication of Components and Construction of an ISFSI 01/16/08 (08-003)
60854	Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)
60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants 09/05/06 (06-022)
60855	Operation of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)
60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants 09/05/06 (06-022)
60856	Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010)
60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003)
60857	Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033)
60858	Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)
60859	Reserved for Welding Verification Checklist for Transportation and ISFSI Components
60860	Reserved for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components
60861	Reserved for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
60862	Reserved for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
60863	Reserved for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review
60864	Reserved for Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components

6100 Surveillance

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

6200 Maintenance

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

6300 Construction Testing

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

6400 Fire Prevention/Protection

64051	Procedures – Fire Prevention/Protection 07/01/79 (reactivated 07-034)
64053	Fire Loop Installation 07/01/79 (reactivated 07-034)

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)

6500 10 CFR Part 52 ITAAC Inspections

65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
65001.06	Inspection of ITAAC-Related Installation 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)

65001.20	Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)- Related ITAAC 06/02/11 (11-009)
65001.21	Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029)
65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
65001.23	Inspection of Human Factors Engineering Integrated System Validation ITAAC 12/22/14 (14-031)
65001.23, App A	Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 12/22/14 (14-031)
65001.A	ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
65001.B	Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023)
65001.C	Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010)
65001.D	Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011)
65001.E	Inspection of the ITAAC-Related Qualification Program 06/20/14 (14-013)
65001.F	Inspection of the ITAAC-Related Design and Fabrication Requirements 09/20/13 (13-022)
65051	Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)
6600	<u>Reserved</u>
6700	<u>Reserved</u>
6800	<u>Reserved</u>

6900 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 02/03/04 (04-004)
69005	Class I Research and Test Reactor Experiments 02/03/04 (04-004)
69006	Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)
69007	Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)
69008	Class I Research and Test Reactor Procedures 02/03/04 (04-004)
69009	Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)
69010	Class I Research and Test Reactor Surveillance 02/03/04 (04-004)
69011	Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)
69012	Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)
69013	Research and Test Reactor Decommissioning 02/03/04 (04-004)
69020	Inspections of Safety-Related Items (and Services) During Construction of Non-Power Production and Utilization Facilities 12/14/15 (15-029)
69021	Inspections of Quality Assurance Program Implementation During Construction of Non-Power Production and Utilization Facilities 12/14/15 (15-029)
69022	Inspections of Operational Readiness During Construction of Non-Power Production and Utilization Facilities 12/14/15 (15-029)

7000 Preoperational Testing

70300	Preoperational Test Procedure Test Review 10/01/83 (reactivated 08-032)
70301	Overall Preoperational Test Program Review Requirements 10/01/83 (reactivated 08-032)
70302	Preoperational Test Program Implementation 10/01/83 (reactivated 08-032)
70304	Engineered Safety Features Test - Preoperational Test Procedure Review 08/06/03 (03-028)
70305	Reactor Protection System Test Preoperational Test Procedure Review Preoperational Testing Procedure Verification 01/01/79 (reactivated 08-032)
70306	Loss of Offsite Power Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70307	Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)

70308	Preoperational Hot Functional Testing - PWR Procedure Review) 10/01/83 (reactivated 08-032)
70311	Preoperational Testing Procedure Verification 10/01/83 (reactivated 08-032)
70312	Preoperational Test Witnessing 10/01/83 (reactivated 08-032)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70314	HFT Witnessing 10/01/81 (reactivated 08-032)
70315	Engineered Safety Features Test Preoperational Test Witnessing) 01/01/79 (reactivated 08-032)
70316	Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)
70317	Reactor Protection System Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70324	Preoperational Test Results Evaluation - Integrated Hot Functional Test 04/01/77 (reactivated 08-032)
70325	Preoperational Test Results Evaluation - Reactor Protection System 01/01/79 (reactivated 08-032)
70326	Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032)
70329	Preoperational Test Result Evaluation Verification 10/01/83 (reactivated 08-032)
70331	Vibration Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70332	Control Rod System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70333	Chemical Control System Test - Preoperation Test Procedure Review 01/01/79 (reactivated 09-003)
70334	Engineered Safety Features Act. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70335	Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70336	Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003)
70337	Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)
70338	Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70339	Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)
70340	D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70341	Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)
70342	Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)

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

70437	Main Stream Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70438	Auxiliary Feedwater System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70439	Component Cooling Water System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70440	D.C. Power System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70441	Emergency / Standby Power Supply System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70442	Containment Combustible Gas Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70443	Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70444	Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70445	Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70446	Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/22/09 (09-003)
70447	Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70448	Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70449	Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70450	Loose Parts Monitoring System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70451	Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70452	Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70453	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70454	Nuclear Instrumentation System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70455	Compressed Gas System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70462	Reactor Coolant System Hydrostatic Test - Test Witnessing 08/13/14 14-018
70562	Reactor Coolant System Hydrostatic Test Results Evaluation 08/13/14 14-018
70701	Reserved
70702	Inspection of Preoperational Test Performance 01/15/14 (14-001)

7100 Operations (License & TS Requirements)

71002	License Renewal Inspection 11/23/11 (11-038)
71003	Post-Approval Site Inspection for License Renewal 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 09/25/13 (13-023)
71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 10/28/11 (11-025)
71111.01	Adverse Weather Protection 09/04/15 (15-016)
71111.04	Equipment Alignment 09/24/14 (14-022)
71111.05AQ	Fire Protection (Annual / Quarterly) 09/30/10 (10-020)
71111.05N	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 11/25/15 (15-027)
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 10/28/11 (11-025)
71111.15	Operability Determinations and Functionality Assessments 14-030 (12/17/14)
71111.17T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications 11/13/15 (15-024)
71111.18	Plant Modifications 11/13/15 (15-024)
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)
71111.21M	Component Design Bases Inspection (Teams) 11/24/15 (15-026)
71111.22	Surveillance Testing 06/15/15 (15-011)
71113	Reserved for Review of License Renewal Commitments for Plants in Timely Renewal
71114	Reactor Safety-Emergency Preparedness 05/29/12 (12-008)
71114.01	Exercise Evaluation 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 05/29/12 (12-008)
71114.04	Emergency Action Level and Emergency Plan Changes 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 02/02/04 (04-003)
81018	Physical Security Plan and Implementing Procedures 05/24/07 (07-17)
81019	Reserved for Part 52 Security Plan & Implementing Procedures
81020	Management Effectiveness - Security Program 06/13/07 (07-019)
81021	Reserved for Part 52 Management Effectiveness
81023	Reserved for Part 52 Security Organization
81022	Security Organization 06/13/07 (07-019)
81034	Security Program Audit 09/10/07 (07-027)
81035	Reserved for Part 52 Security Audit Program
81038	Records and Reports 09/10/07 (07-027)
81039	Reserved for Part 52 Records & Reports
81042	Testing and Maintenance 04/12/07 (07-013)
81043	Reserved for Part 52 Testing & Maintenance
81046	Locks, Keys, and Combinations 09/10/07 (07-027)
81047	Reserved for Part 52 Locks, Keys & Combinations
81052	Physical Barriers - Protected Areas 09/10/07 (07-027)
81053	Reserved for Part 52 Physical Barriers - Protected Areas
81054	Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 09/10/07 (07-027)
81055	Reserved for Part 52 Physical Barriers - Vital Areas, Material Access Areas & Controlled Access Areas
81058	Security System Power Supply 09/10/07 (07-027)
81059	Reserved for Part 52 Security System Power Supply
81062	Lighting 09/10/07 (07-027)
81063	Reserved for Part 52 Lighting
81064	Compensatory Measures 09/10/07 (07-027)
81065	Reserved for Part 52 Compensatory Measures
81066	Assessment Aids 09/10/07 (07-027)
81067	Reserved for Part 52 Assessment Aides
81070	Access Control - Personnel 12/22/08 (08-037)
81071	Reserved for Part 52 Access Control - Personnel
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81073	Access Control (Fuel Facility) - Packages, Material, and Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019)
81074	Access Control - Vehicles 12/22/08 (08-037)
81075	Reserved for Part 52 Access Control - (Power Reactors) – Packages
81076	Reserved for Part 52 Access Control - Vehicles
81078	Detection Aids - Protected Areas 11/23/09 (09-028)
81079	Reserved for Part 52 Detection Aids - Protected Areas
81080	Detection Aids – MAA and CAA 12/22/08 (08-037)
81081	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
81084	Alarm Stations 09/10/07 (07-027)
81085	Reserved for Part 52 Alarm Stations

81088	Communications 09/10/07 (07-027)
81089	Reserved for Part 52 Communications
81120	Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of Concern 04/01/10 (10-010) (Note this IP contains safeguards material)
81200	Security 08/27/14 (14-019)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
81200.02	Access Control for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.03	Reserved for Decommissioning Force-on-Force Testing
81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.07	Security Training for Decommissioning Nuclear Power Reactor 10/21/14 (14-025)
81200.08	Reserved for Decommissioning Fitness for Duty Program
81200.10	Reserved for Decommissioning Cyber Security
81200.11	Reserved for Decommissioning Material Control and Accounting
81200.14	Review of Decommissioning Target Sets 01/15/14 (14-001)
81310	Physical Protection of Shipments of Irradiated Fuel 12/22/08 (08-037)
81311	Physical Security Requirements for Independent Spent Fuel Storage Installations 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)

81501	Personnel Training and Qualification - General Requirements 12/02/09 (09-029)
81502	Fitness for Duty Program 12/22/08 (08-037)
81503	Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements
81504	Fitness for Duty Program for Construction 10/15/09 (09-024)
81601	Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)
81602	Reserved for Part 52 Safeguards Contingency Plan - Implementation Review
81700	RESERVED for Materials Security
81700.09	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 (NSI) and Restricted Data (RD) 06/27/14 (14-014)
81820	Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014)

8200 Emergency Planning

82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)
82002	Part 52, Emergency Preparedness Program 14/28/14 (14-026)
82002.01	Facilities and Equipment 11/08/11 (11-030)
82002.02	Procedure Quality 11/08/11 (11-030)
82002.03	Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030)
82002.04	Emergency Preparedness Exercises 11/08/11 (11-030)
82002.05	Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030)
82002.06	Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)
82002.07	Operational Status of the Emergency Preparedness Program 11/08/11 (11-030)
82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)
82301	Evaluation of Exercises for Power Plants 04/24/13 (13-012)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012)
82401	Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020)
82501	Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020)
82701	Operational Status of the Emergency Preparedness Program 04/24/13 (13-012)

8300 Radiation Protection

83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
83311	Reserved for Part 52, Radiation Protection During Construction
83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006)
83502.02	Radioactive Material Process and Transportation 04/17/00 (00-006)
83502.03	Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
83521	Radiation Protection - Startup 01/01/84 (84-01)
83522	Radiation Protection, Plant Chemistry, Radwaste, and Environmental: Organization and Management Controls 12/31/91 (reactivated 08-032)
83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)
83524	External Occupational Exposure Control and Personal Dosimetry (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83525	Internal Exposure Control and Assessment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83526	Control of Radioactive Materials and Contamination, Surveys, and Monitoring (Preoperational And Supplemental) 01/01/84 (reactivated 08-032)
83527	Facilities and Equipment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83529	Reserved for Part 52 Radiation Protection – Startup
83531	Reserved for Part 52 Radiation Protection, Plant Chemistry, Radwaste, and Environmental
83532	Reserved for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training
83533	Part 52 External Occupational Exposure Control and Personal Dosimetry 10/27/10 (10-022)
83534	Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022)
83535	Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 10/27/10 (10-022)
83536	Part 52 Facilities and Equipment 10/27/10 (10-022)
83537	Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022)
83722	Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic) 09/17/01 (01-017)
83723	General Employee, Radiation Safety, Plant Chemistry, Radwaste, and Transportation Training 12/16/03 (03-041)
83724	External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006)
83725	Internal Exposure Control and Assessment 04/17/00 (00-006)
83726	Control of Radioactive Materials and Contamination, Surveys and Monitoring 11/13/14 (14-027)

83727	Facilities and Equipment (Basic) 09/17/01 (01-017)
83728	Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
83729	Occupational Exposure during Extended Outages 12/31/91 (91-021)
83746	Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021)
83750	Occupational Radiation Exposure 06/06/02 (02-023)
83801	Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 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)

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 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 11/15/10 (10-023)
85405	Item Control 09/09/10 (10-019)
85406	Resolution Program for Low Enriched Uranium Fuel Facilities 1 11/15/10 (10-023)
85407	Assessment Program 11/29/10 (10-024)
85408	Recordkeeping 11/29/10 (10-024)
85420	Inspection of IAEA Safeguards for Inspectors at Power Reactors 06/22/88 (88-07)
85501	Physical Inventory Program for Uranium Enrichment Facilities 11/15/10 (10-023)
85502	Detection Program for Uranium Enrichment Facilities 12/21/2010 (10-027)
85503	Resolution Program for Uranium Enrichment Facilities 11/15/10 (10-023)

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001	Design, Fabrication, Testing, and Maintenance of Transportation Packagings 01/16/08 (08-003)
86700	Spent Fuel Pool Activities 09/17/01 (01-017)
86730	Transportation of Radioactive Materials (49 CFR Parts 100- 179 and 10 CFR Part 71) 04/17/00 (00-006)
86740	Inspection of Transportation Activities 10/30/08 (08-030)
86750	Solid Radioactive Waste Management and Transportation of Radioactive Materials 03/15/94 (94-006)

8700 Materials Safety Inspection

87102	Maintaining Effluents from Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
87103	Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023)
87104	Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029)
87121	Industrial Radiography Programs 12/17/14 (14-030)
87122	Irradiator Programs 12/31/02 (02-047)
87123	Well Logging Programs 11/25/03 (03-037)
87124	Fixed and Portable Gauge Programs 11/25/03 (03-037)
87125	Materials Processor/Manufacturer Programs 09/28/05 (05-027)
87126	Industrial/Academic/Research Programs 09/28/05 (05-027)
87127	Radiopharmacy Programs 07/01/08 (08-018)
87128	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)

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 02/07/14 (14-005)
88135.02	Resident Inspection Program Plant Status Activities 05/21/15 (15-010)
88135.04	ISA Implementation 01/31/14 (14-004)
88135.05	Fire Protection 01/31/14 (14-004)
88135.17	Permanent Plant Modifications 01/31/14 (14-004)
88135.19	Post Maintenance Testing 01/31/14 (14-004)
88135.22	Surveillance Testing 01/31/14 (14-004)
88136	Mechanical Components 7/25/07 (07-023)
88137	Electric Cable 04/01/10 (10-010)
88138	Electrical Components and Systems 08/08/07 (07-024)
88139	Ventilation and Confinement Systems 08/08/07 (07-024)
88140	Instrumentation and Controls Systems 04/01/10 (10-010)
88141	Fire Prevention and Protection 08/08/07 (07-024)
88142	Underground Fire Water Loop and Equipment Installation 08/08/07 (07-024)
88143	Pipe Supports and Restraints 7/25/07 (07-023)
88150	Reserved for Training and Qualification of Plant Personnel
88151	Reserved for Facility Changes and Change Process (10 CFR70.72)
88152	Reserved for Physical Protection Equipment and Barriers
88153	Reserved for Material Control and Accounting
88154	Reserved for Fire Safety and Protection Systems
88155	Reserved for Functional Verifications of IROFS
88156	Reserved for Integrated Safety Analysis Implementation
88157	Reserved for Waste Management Equipment and Systems
88158	Reserved for Environmental Protection - Initial and Periodic Inspections
88159	Reserved for Process Enclosures and Vessels
88160	Reserved for Utilities and Bulk Chemicals
88161	Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities 07/28/14 (14-017)

8900 Fuel Facility and Materials Special Program

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

9000 Reportable Matters and Report Reviews

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

90002	Construction Degraded Performance Column Inspections 10/28/14 (14-026)
90003	Construction Multiple/Repetitive Degraded Cornerstone Column Inspection 10/28/14 (14-026)
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 OHSA 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> ²
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)

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

STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
STS Sec 3/4.6.4	Containment and Drywell Isolation Valves 06/09/88 (88-06)
STS Sec 3.7.5	Ultimate Heat Sink 11/25/88 (88-17)
STS Sec 3/4.8.1	TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)
STS Sec 4.2.8.X.X	Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)
STS Sec 4.5.1	Standard Technical Specifications (BWR) 05/12/86 (86-26)
STS Sec 4.8.1.1.2	Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
STS Interp	Licensee Technical Specification Interpretations 02/03/97 (97-001)

Maintenance

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

Mechanical

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

Operations

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

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

PART

10 CFR GUIDANCE

10	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10 CFR71 and 49 CFR171-178	Transportation of Radioactive Material 12/01/04 (04-027)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.59	10 CFR 50.59, Changes, Tests, and Experiments 03/13/01 (01-008) [50_59.CFR]
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50	Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)
70.51	Material Balance, Inventory, and Records Requirements 12/19/74 (74-11)
70.52	Report of Accidental Criticality or Loss of Special Nuclear Material 11/15/74 (74-010)

Interpretations

END