NRC INSPECTION MANUAL

DIRS

TABLE OF CONTENTS

Table of Contents Current through Change Notice 11-005 issued 04/05/11

PART
CHAPTER

0000 NRC Inspection Manual[1]

0040 Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 10/29/09 (09-025)

0100 Program Responsibilities

0102 Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities 08/22/05 (05-023)
0111 Monitoring Activities for the DOE West Valley Demonstration Project 03/04/02 (02-006)

0200 Program Management Reports

0300 Inspection Policy

0300 Announced and Unannounced Inspections 03/24/94 (94-010)
0301 Coordination of NRC Visits to Commercial Reactor Sites 08/24/01 (01-016)
0305 Operating Reactor Assessment Program 12/24/09 (09-032)
0306 Information Technology Support for the Reactor Oversight Process 12/04/08 (CN 08-034)

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

PART

CHAPTER

0307 Reactor Oversight Process Self-Assessment Program 03/23/09 (09-010)
0307 App A Reactor Oversight Process Self-Assessment Metrics 03/23/09 (09-010)
0307 App B ROP Realignment Process 04/09/09 (09-011)
0308 Reactor Oversight Process (ROP) Basis Document 11/08/07 (07-035)
0308, Att 1 Technical Basis for Performance Indicators 11/08/07 (07-035)
0308, Att 2 Technical Basis for Inspection Program 10/16/06 (06-027)
0308, Att 3 Technical Basis for Significance Determination Process 10/16/06 (06-027)
0308, Att 3, App A Technical Basis for At Power Significance Determination 11/08/07 (07-035)
0308, Att 3, App B Technical Basis for Emergency Preparedness Significance Determination Process 07/28/05 (05-022)
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 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 05/06/04 (04-010)
0308, Att 3, App K Technical Basis for Maintenance Risk Assessment and Risk Management SDP 05/19/05 (05-014)
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 02/02/10 (10-004)
0310 Components within the Cross-Cutting Areas 2/23/10 (10-006)
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 04/09/09 (09-011)

PART
CHAPTER

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 Implementation of The Reactor Oversight Process at Reactor Facilities in an Extended Shutdown Condition for Reasons Other Than Significant Performance Problems 04/05/11 (11-005)

400 Enforcement Policy

0410 Reserved for Operations - Notices of Enforcement Discretion

0410 App A Reserved for NOEDs during a Pandemic

0500 Tracking Systems

0600 Documentation of Program Findings

0608 Performance Indicator Program 02/27/07 (07-007)
0609 Significance Determination Process 08/05/08 (08-023)
0609.01 Significance and Enforcement Review Panel Process 08/05/08 (08-023)
0609.02 Process for Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 01/31/08 (08-004)
0609.03 Senior Reactor Analyst Support Expectations 07/26/06 (06-018)
0609.04 Phase 1 - Initial Screening and Characterization of Findings 01/10/08 (08-002)
0609 App A Determining the Significance of Reactor Inspection Findings for At-Power Situations 01/10/08 (08-002)
0609 App B Emergency Preparedness Significance Determination Process 03/06/03 (03-007)
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 Baseline Physical Protection Significance Determination Process 07/21/05 (05-020)
0609 App E Part I Baseline Security Significance Determination Process for Power Reactors 01/27/10 (10-003)
0609 App E Part II Force-on-Force Physical Protection Significance Determination Process 07/21/05 (05-020)
0609 App F Fire Protection Significance Determination Process 02/28/05 (05-007)
0609, App F, Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet 02/28/05 (05-007)
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 02/28/05 (05-007)
0609, App G, Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/25/04 (04-015)
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] 08/22/05 (05-023)
0609 App J Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
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)
0610 Inspection Reports 05/18/04 (04-014)
0612 Power Reactor Inspection Reports 04/30/10 (CN 10-013)
0612, Exh 1 Standard Reactor Inspection Report 12/04/08 (CN 08-034)
0612, Exh 2 Inspection Report Documentation Matrix 12/04/08 (CN 08-034)
0612, Exh 3 Sample Reactor Inspection Report (temporarily suspended pending revision
0612, Exh 4 Sample Cover Letters 05/15/09 (09-013)
0612, App A List of Acronyms Used in IMC 0612 12/04/08 (CN 08-034)
0612, App B Issue Screening 12/24/09 (CN 09-032)
0612, App C Documentation Guidance for Supplemental Inspections 02/02/09 (09-004)
0612, App D Guidance for Documenting Inspection Procedure 71152, “Identification and Resolution of Problems” 06/22/06 (06-015)
0612, App E Examples of Minor Issues 08/11/09 (09-020)

PART

CHAPTER

0612, App F Examples of Cross-cutting Aspects 06/22/06 (06-015)
0613 Documenting 10 CFR Part 52 Construction Inspections 12/02/09 (09-029)
0614 Documenting 10 CFR 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 07/29/08 (08-021)
0617 Vendor and Quality Assurance Implementation Inspection Reports 10/29/09 (09-025)
0620 Inspection Documents and Records 05/15/09 (09-013)
0630 Analysis of the Impact of Noncompliance with Physical Security Requirements 10/01/82 (82-09)

0700 Communications with Licensees

0730 Generic Communications Regarding Materials and Fuel Cycle Issues 03/21/08 (08-011)

0800 Feedback - Improving the Regulatory Process

0801 Reactor Oversight Process Feedback Program 07/06/10 (10-015)
0802 Reserved for the Part 52 Program

0900 Reporting of Events/Incidents

0970 Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)

1000 Regional Office Program Interfaces

1007 Interfacing Activities between Regional Offices of NRC and OSHA 02/11/04 (04-006)

1100 Notifications of Meetings and Conferences

1120 Preliminary Notifications 06/09/09 (09-014)

1200 Inspector Requirements

1201 Conduct of Employees 06/29/99 (99-010)
1202 Senior Resident Inspector Site Turnover 10/31/08 (08-031)

PART

CHAPTER

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)

0220, 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 11/09/09 (09-026)

1245, Att 1 General Overview of the Inspector Training and Qualification Program 07/08/09 (09/017)

1245, Att 2 Inspector Competencies 10/31/06 (06-032)

1245, Att 3 General Orientation Topics 10/31/06 (06-032)

1245, App A Basic-Level Training and Qualification Journal 07/08/09 (09/017)

1245, App B General Proficiency-Level Training and Qualification Journal 07/08/09 (09/017)

1245, App C1 Reactor Operations Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09/017)

1245, App C2 Reactor Engineering Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09/017)

1245, App C3 Health Physics Inspector Technical Proficiency Training and Qualification Journal 07/08/09 (09/017)

1245, App C4 Reactor Safeguards Inspector Technical Proficiency Qualification Journal 04/05/02 (02-014)

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 07/08/09 (09/017)

1245, App C8 Vendor Inspector Technical Proficiency Qualification Journal 01/10/08 (08-001)

1245, App C9 Senior Reactor Analyst Training and Qualification Program 07/08/09 (09/017)

1245, App C10 Operator Licensing (OL) Examiner Technical Proficiency Training and Qualification Journal 07/08/09 (09/017)

1245, App C11 Security Risk Analyst Technical Proficiency Training and Qualification Journal 04/09/09 (09-011)

1245, App D1 Maintaining Qualifications 07/08/09 (09/017)

1245, App D2 Inservice Inspection Advanced-Level Training 07/08/09 (09/017)

1245, App D3 Fire Protection Advanced-Level Training 07/08/09 (09/017)

PART

CHAPTER

1246	Formal Qualification Programs in the Nuclear Material Safety and Safeguards Program Area 01/05/01 (01-002)
1246, App A	Training Activities 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 04/21/06 (04-009)
Sec. IV	Fuel Cycle Safeguards Inspector Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002)
A06, Att 1	Spent Fuel Storage and Transportation Training Requirements for Project Manager and Technical Reviewer 09/24/08 (08-027)
A06, Att 2	Training Requirements for Spent Fuel Storage and Transportation Inspector 09/24/08 (08-027)
Sec. VII	Fuel Cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspectors and License Reviewers 01/05/01 (01-002)
Sec. IX	Decommissioning Inspectors 01/05/01 (01-002)
Sec. X	Decommissioning Project Managers/Technical Reviewers 04/14/03 (03-012)
Sec. XI	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer 01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 05/09/06 (05-011)
Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Training Requirements for Sealed Source and Device Reviewers 02/11/04 (04-006)
Sec. XVII	Training Requirements for Fuel Cycle Project Managers 11/15/10 (10-023)
1246, App B	NRC Inspector, License Reviewer and Project Manager/Technical Reviewer Training and Qualification Journal 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector - Physical Security 01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material Control and Accounting (MC&A) 01/05/01 (01-002)
B06, Att 1	Office of Nuclear Material Safety and Safeguards Qualification Journal for Spent Fuel Storage and Transportation Project Manager and Technical Reviewer 09/24/08 (08-027)
B06, Att 2	Office of Nuclear Material Safety and Safeguards Qualification Journal for Spent Fuel Storage and Transportation Inspector 09/24/08 (08-027)
Sec. VII	Fuel cycle License Reviewer 01/05/01 (01-002)

PART

CHAPTER

Sec. VIII Waste Management Inspector and License Reviewer 01/05/01 (01-002)
Sec. IX Decommissioning Inspector 01/05/01 (01-002)
Sec. X Decommissioning Project Manager/Technical Reviewer 04/14/03 (03-012)
Sec. XI Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII Uranium Recovery Project Manager/Technical Reviewer 01/05/01 (01-002)
Sec. XIV High-Level Waste Repository Inspector 05/09/06 (05-011)
Sec. XV High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI Technical Reviewer Qualification Journal Byproduct Material Sealed Source and Device Reviewers 02/11/04 (04-006)
Sec. XVII Fuel Cycle Project Manager Qualification Journal 11/15/10 (10-023)
1247 Qualification Program for Fuel Facility Inspectors in the Nuclear Material Safety and Safeguards Program Area 02/18/09 (09-006)
1247, App A Basic-Level Training and Certification Journal Fuel Facility Inspector 02/18/09 (09-006)
1247, App B General Proficiency-Level Training and Qualification Journal 02/18/09 (09-006)
1247, App C1 Fuel Facility Operations Inspector Technical Proficiency Training and Qualification Journal 02/18/09 (09-006)
1247, App C2 Fuel Facility Health Physics Inspector Technical Proficiency Training and Qualification Journal 02/18/09 (09-006)
1247, App C3 Fuel Facility Emergency Preparedness Inspector Technical Proficiency Training and Qualification Journal 02/18/09 (09-006)
1247, App C5 Fuel Facility Material Control & Accounting Inspector Technical Proficiency Training and Qualification Journal 02/18/09 (09-006)
1248 Reserved for Qualification Programs for Federal and State Materials and Environmental Management Programs
1252 Construction Inspector Training and Qualification Program 12/07/09 (09-031)
1252, App A Construction Inspector Basic-Level Training and Certification Journal 12/07/09 (09-031)
1252, App B Construction Inspector General Proficiency-Level Training and Qualification Journal 12/07/09 (09-031)
1252, App C Construction Inspector Post Qualification Requirements, Continuing and Refresher Training 12/07/09 (09-031)

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)

PART
CHAPTER

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 Reserved

1415 State Contracts for Environmental Monitoring 06/28/91 (91-009)

1500 Reserved

1600 Emergency Preparedness

1601 Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 07/07/05 (05-018)

1700 Reserved

1800 Reserved

1900 Reserved

2000 Reserved

2100 Reserved

2200 Nuclear Security and Incident Response

2201 Security Inspection Program for Commercial Nuclear Power Reactors 09/08/09 (09-021)
2201 App A Security Baseline Inspection Program 02/24/10 (10-007)
2201 App B Supplemental Inspection Program 09/08/09 (09-021)
2201 App C Generic, Special, and Infrequent Inspections 09/08/09 (09-021)
2201 App D Facility Status Reviews for Security and Safeguards Inspection Program 09/08/09 (09-021)

PART
CHAPTER

2201/001 Inspection of Additional Security Measures for Radioactive Material Quantities of Concern 09/18/06 (06-024)
2201/001 App B Inspection Requirements and Guidance for Handling and Protection of Safeguards Information - Modified Handling 09/18/06 (06-024)
2201/001 App C Radioactive Material Quantities of Concern Security Inspection Record 09/18/06 (06-024)
2201/002 Inspection of Transition of Contract Security to Proprietary Security Force 04/09/09 (09-011)
2201/003 Reserved for Fitness for Duty Part 26 Subpart K

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

2500/16 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 Reactor Inspection Program 11/06/86 (reactivated 09-020)
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) 10/03/07 (07-030)
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) 10/03/07 (07-030)

PART

CHAPTER

2504	Construction Inspection Program - Inspection of Construction and Operational Programs 10/15/09 (09-024)
2505	Periodic Assessment of Construction Inspection Program Results 09/09/10 (10-019)
2506	Construction Reactor Oversight Process General Guidance and Basis Document 10/27/10 (10-022)
2507	Construction Inspection Program: Vendor Inspections 04/27/10 (10-012)
2508	Construction Inspection Program: Design Certification 10/03/07 (07-030)
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 Plan07/13/92 (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)

PART

CHAPTER

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 09/24/09 (09-022)
2515 App A Risk-Informed Baseline Inspection Program 09/03/08 (08-025)
2515 App B Supplemental Inspection Program 02/09/11 (11-001)
2515 App C Special and Infrequently Performed Inspections 11/09/09 (09-026)
2515 App D Plant Status 02/02/10 (10-004)
2515 App E Inspection Program Modifications during a Pandemic 01/26/07 (07-004)
2515 App F Reserved for Operating and New Construction Unit Interaction
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)
TI 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
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030) (Note this TI contains safeguards material)
2515/148 Rev. 2	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures 03/19/03 (03-009)
2515/150 Rev. 3	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Order EA-03-009) 02/18/05 (05-006)
2515/151	Expanded Pilot Force-on-Force Exercise Evaluation 02/06/03 (03-002)
2515/152, rev. 1	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC 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)
2515/155	Mark I and Mark II Containment Vulnerabilities 12/12/03 (03-040) (Note: TI withheld from public disclosure since it contains sensitive security information)
2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions 06/14/04 (04-017) Affecting Safety-Related Equipment 07/29/04 (04-021)
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)
2515/162	Safeguards Information 04/13/05 (05-010)
2515/164	Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002, Order [Safeguards Information] 06/28/05 (05-017)
2515/165	Operational Readiness of Offsite Power and Impact on Plant Risk 03/03/06 (reactivated 09-025)
2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC Rev. 1 Generic Letter 2004-02] 05/16/07 (07-016)
2515/168	Closeout Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002, Orders. [Safeguards Information] 05/19/06 (06-012)
2515/171 Rev. 1	Verification of Site Specific Implementation of B.5.b Phase 2 & 3 Mitigating Strategies 07/25/08 (08-020)
2515/172 1	Reactor Coolant System Dissimilar Metal Butt Welds 05/27/10 Rev. (10-014)

PART
CHAPTER

2515/173 Rev. 1 Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative 10/31/08 (08-031)
2515/174 Hydrogen Igniter Backup Power Verification 02/12/08 (08-007)
2515/175 Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review 06/05/08 (08-017)
2515/176 Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2515/177 Rev. 1 Managing Gas Accumulation in Emergency Core Cooling,Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01) 03/17/10 (10-009)
2515/178 Risk Management Technical Specifications Initiative 5b Surveillance Frequency Control Program 05/15/09 (09-013)
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)
2515/181 Validate the Effectiveness of the Regulatory Infrastructure Related to Fire-Induced Circuit Failures and Operator Manual Actions 04/14/10 (10-011)
2515/182 Reserved for Review of the Implementation of the Industry Initiative on Underground Piping and Tanks
2515/183 Followup to Fukushima Daiichi Nuclear Station Fuel Damage Event 03/23/11 (11-003)
2516 Policy and Guidance for the License Renewal Inspection Programs 02/18/05 (05-006)
2516/001 Review of License Renewal Activities 03/30/11 (11-004)
2517 Watts Bar Unit 2 Construction Inspection Program 04/30/10 (10-013)
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)
2561 Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)
2561/003 Re-Examination of Year 2000 (Y2K) Program Activities at Selected Decommissioning Reactors 11/30/99 (99-019)
2561/004 Safeguards and Emergency Preparedness Inspection of Interim Compensatory Measures at Decommissioning Power Reactors 04/22/03 (03-011)

2600 Fuel Cycle Facility Inspection Program

2600 Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 01/27/10 (10-003)
2600, App A Guidance For Conducting Fuel Cycle Inspections 08/15/07 (07-025)
2600, App B NRC Core Inspection Requirements, Tables 1 and 2 01/27/10 (10-003)

PART

CHAPTER

2600, App C Fuel Cycle Resident Inspection Program 04/27/10 (10-012)
2600, App D Fuel Cycle Facility Inspection Planning 03/21/08 (08-011)

2600/014	Reserved for Inspection Guidance for Applying Safety Culture Components Within the Inspection and Enforcement Program for Fuel Cycle Facilities
2600/015	Reserved for Beyond Safety Basis Events Due to Natural Phenomena at Fuel Cycle Facilities
2601	Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)
2602	Decommissioning Oversight and Inspection Program for Fuel Cycle Facilities and Materials Licensees 07/29/08 (08-021)
2604	Licensee Performance Review 06/28/02 (02-024)
2606	Reserved for Assessment of the Change in Risk Resulting From a Non-Compliance at a Fuel Cycle Facility
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 05/18/05 (05-0013)
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 01/27/10 (10-003)
2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
2683	MC&A Safeguards Inspection of Fuel Facilities 07/22/99 (99-011)
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 11/09/09 (09-026)
2690/008	Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Located Within the Protected Area of an Operating Reactor Facility 10-018 (09/02/10) (Note: This TI contains safeguards material.)
2690/009	Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) at an Operating Reactor Facility on the Owner Controlled Area Outside of the Reactor Protected Area 10-018 (09/02/10) (Note: This TI contains safeguards material.)
2960/010	Inspection of Safeguards Compensatory Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Not Co-Located at an Operating Reactor Facility 10-018 (09/02/10) (Note: This TI contains safeguards material.)

PART
CHAPTER

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 Licensee Contractor and Vendor Inspection Program

2700 Vendor Inspection Program (VIP) 10/29/90 (90-013)

2800 Materials Inspection Program

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 07/14/05 (05-019) Rev. 1
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)
2801 Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810 Master Materials License Inspection Program 09/15/03 (03-034)
2815 Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2882 Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)

2900 Performance Appraisal Program

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

PART
GUIDANCE

PART
PROCEDURE

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)
35005 Pre-Application Quality Assurance Program Audit 10/03/07 (07-030)
35006 Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35007, Quality Assurance Program Implementation During Construction and Pre-Construction Activities 12/13/10 (10-026)
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)
35020 Inspection of Applicant's Surveillance of Contractor Quality Assurance (QA) Activities 06/22/05 (05-016)
35021 Post-Docketing Implementation of Quality Assurance (QA) Activities Related to Design, Procurement and Construction 06/22/05 (05-016)
35023 Reserved for Design Reliability Assurance Program
35029 Pre-Combined License (COL) Quality Assurance (QA) Inspection of Site Limited Work Authorization (LWA) 1 & 2 Activities 06/22/05 (05-016)
35031 Reserved for Design Certification Pre-Meeting

PART

GUIDANCE

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)
35100	Review of the QA Manual 06/22/05 (05-016)
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)
35753	QA Program - Control of Tests & Measuring and Test Equipment 10/03/07 (07-030)
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 10/03/07 (07-030)
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	Reserved for Inspections under the 10CFR Part 50.69 Special Program
37301	Comparison of As-Built Plant to FSAR Description 03/22/85 (reactivated 08-032)
37700	Design Changes, and Modifications 09/17/01 (01-017)

PART

GUIDANCE

37801 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)
37803 Reserved
37804 Aircraft Impact Assessment Inspection 04/27/10 (10-012)
37805 Engineering Design Verification Inspections 04/01/10 (10-010)

3800 Procurement

38703 Commercial Grade Dedication 04/08/96 (96-007)

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 Followup 04/05/11 (11-005)
40504 Part 52, Identification and Resolution of Construction Problems 10/03/07 (07-030)
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 03/17/10 (10-009)
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 Reserved for Part 52, Review of Training and Qualification Programs
41502 Reserved for Nuclear Power Plant Simulation Facilities

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 Procedures10/27/10 (10-022)

PART
GUIDANCE

42453 Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454 Part 52, Emergency Procedures 07/29/08 (08-021)
42700 Plant Procedures 11/15/95 (95-015)

4300 Vendor Procedures

43001 Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)
43002 Routine Inspections of Nuclear Vendors 10/03/07 (07-030)
43003 Reactive Inspections of Nuclear Vendors 10/03/07 (07-030)
43004 Inspection of Commercial-Grade Dedication Programs 10/03/07 (07-030)
43005 NRC Oversight of Third-Party Organizations Implementing Quality Assurance Requirements 10/03/07 (07-030)

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)

PART
GUIDANCE

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 03/23/09 (09-010)
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 (CN 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 Reserved for Equipment Qualification

5200 Instrumentation Systems and Components

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

5300 Containment Penetrations

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

5400 Cleanliness

5500 Welding

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

5600 Calibration

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

5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

PART
GUIDANCE

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 Special Processes

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)
60801 Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
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

PART

GUIDANCE

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)

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 (CN 10-013)

62711 Reserved for Operational Reliability Assurance Process"

62708 Motor-Operated Valve Capability 09/12/00 (00-018)

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

PART
GUIDANCE

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 10/03/07 (07-030)
65001.A	ITAAC Attributes for As-Built Inspection 10/03/07 (07-030)
65001.B	Inspection of the ITAAC-Related Welding Program 08/19/08 (08-024)
65001.C	Inspection of the ITAAC-Related Construction Test Program 10/03/07 (07-030)
65001.D	Inspection of the ITAAC-Related Operational Testing Program 08/05/09 (09-019)
65001.E	Inspection of the ITAAC-Related Qualification Program 08/19/08 (08-024)
65001.F	Inspection of the ITAAC-Related Design and Fabrication Requirements 08/19/08 (08-024)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 10/03/07 (07-030)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 10/03/07 (07-030)
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 04/18/08 (08-012)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08-024)
65001.06	Inspection of ITAAC-Related Installation o Mechanical Components 04/18/08 (08-012)
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)

PART
GUIDANCE

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 07/29/08 (08-021)
65001.15 Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)
65001.16 Inspection of ITAAC-Related Engineering 10/03/07 (07-030)
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 Reserved for Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC
65051 Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)

6600 Reserved

6700 Reserved

6800 Reserved

6900 Non-Power Reactor Inspection

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

PART
GUIDANCE

69013 Research and Test Reactor Decommissioning 02/03/04 (04-004)

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)

PART

GUIDANCE

70334 Engineered Safety Features Act. Sys.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 Reserved for Part 52 Pre-operational Test Program Implementation

PART

GUIDANCE

70368 Reserved for Part 52 Containment Leak Rate Testing (Programmatic)
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. Sys. 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 Auxilliary 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
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)

PART
GUIDANCE

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 10/01/83 (reactivated 08-032)
70562 Reactor Coolant System Hydrostatic Test Results Evaluation 10/01/83 (reactivated 08-032)
70701 Reserved
70702 Reserved

7100 Operations (License & TS Requirements)

71002 License Renewal Inspection 02/18/05 (05-006)
71003 Post-Approval Site Inspection for License Renewal 10/31/08 (08-031)
71004 Power Uprate 04/30/10 (CN 10-013)
71007 Reactor Vessel Head Replacement Inspection 06/04/07 (07-018)
71013 Reserved for Review of License Renewal Commitments for Plants in Timely Renewal with Extended Delay in the NRC Review of Application
71111 Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 05/16/08 (08-015)
71111.01 Adverse Weather Protection (Effective 01/01/10) 11/09/09 (09-026)
71111.04 Equipment Alignment 02/27/07 (07-007)
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) 12/24/09 (09-032
71111.05T Fire Protection (Triennial) (effective 01/01/11) 09/30/10 (10-020)
71111.05TTP Fire Protection-NFPA 805 Transition Period [Triennial] 12/24/09 (09-032)
71111.06 Flood Protection Measures 06/25/09 (09-016)
71111.07 Heat Sink Performance 07/06/10 (10-015)
71111.08 In-service Inspection Activities (Effective 01/01/10) 11/09/09 (09-026)
71111.11 Licensed Operator Requalification Program 1/05/06 (06-001)
71111.12 Maintenance Effectiveness (Effective 01/01/10) 11/16/09 (09-027)
71111.13 Maintenance Risk Assessments and Emergent Work Control 11/16/09 (Effective 01/01/10) (09-027)
71111.15 Operability Determinations and Functionality Assessments 04/05/11 (11-005)
71111.17 Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications 10/31/08 (08-031)
71111.18 Plant Modifications 12/21/10 (10-028)

PART GUIDANCE

71111.19 Post Maintenance Testing 01/17/02 (02-001)
71111.20 Refueling and Other Outage Activities (Effective 01/01/10) 11/09/09 (09-026)
71111.21 Component Design Bases Inspection 12/06/10 (10-025)
71111.22 Surveillance Testing 12/24/09 (09-032)
71013 Reserved for Review of License Renewal Commitments for Plants in Timely Renewal
71114 Reactor Safety-Emergency Preparedness 06/29/06 (06-016)
71114.01 Exercise Evaluation 06/29/06 (06-016)
71114.02 Alert and Notification System Evaluation 12/07/09 (09-031)
71114.03 Emergency Response Organization Augmentation Testing 08/24/07 (07-026)
71114.04 Emergency Action Level and Emergency Plan Changes 10/31/08 (08-031)
71114.05 Correction of emergency Preparedness Weaknesses and Deficiencies 10/25/06 (06-029)
71114.06 Drill Evaluation 10/25/06 (06-029)
71114.07 Emergency Preparedness Component, of the Force-On-Force (FOF) Exercise Evaluation 12/02/09 (09-029)
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 Reserved for 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 12/02/09 (09-030)
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 02/24/10 (10-007)
71130.01 Access Authorization 02/24/10 (10-007)
71130.02 Access Control 02/24/10 (10-007)
71130.03 Contingency Response - Force-On-Force Testing

02/05/09 09-005
71130.04 Equipment Performance, Testing and Maintenance 02/24/10 (10-007)
71130.05 Protective Strategy Evaluation 02/24/10 (10-007)
71130.06 Protection of Safeguards Information 01/07/10 (10-001)
71130.07 Security Training 02/24/10 (10-007)
71130.08 Fitness for Duty Program 01/07/10 (10-001)
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 01/27/10 (10-003)
71150 Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)
71151 Performance Indicator Verification 06/28/07 (07-021)
71152 Identification and Resolution of Problems 02/26/10 (10-008)
71153 Follow-up of Events and Notices of Enforcement Discretion 02/02/10 (10-004)
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 Reserved for Part 52 Overall Setup Test Program
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)

PART

GUIDANCE

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 Pl01/14/86 (86-03)

7300 In-service Inspection

73052 In-service Inspection - Review of Procedures 01/14/86 (86-03)

PART
GUIDANCE

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 07/01/08 (08-019)
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 10/27/10 (10-022)
73755 In-service Inspection - Data Review and Evaluation 10/27/10 (10-022)
01/14/86 (86-03)
73756 In-service Testing of Pumps and Valves 07/27/95 (95-009)
73757 Part 52 In-service Inspection - Data Review and Evaluation 04/18/08 (08-012

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

PART

GUIDANCE

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

8100 Physical Security

81000.01 Reserved for Access Authorization
81000.02 Reserved for Access Control
81000.03 Reserved for Performance Evaluation Program
81000.04 Reserved for Equipment Performance, Testing and Maintenance
81000.05 Reserved for Protective Strategy Evaluation
81000.07 Reserved for Security Training Program
81000.10 Reserved for Security Organization, Management Effectiveness, Program Reviews and Audits
81000.11 Reserved for Material Control and Accountability
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

PART

GUIDANCE

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)
81310 Physical Protection of Shipments of Irradiated Fuel 12/22/08 (08-037)
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 12/02/09 (09-029)
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)

PART

GUIDANCE

81601 Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)
81602 Reserved for Part 52 Safeguards Contingency Plan - Implementation Review
81700 Physical Security Program for Power Reactors 07/01/97 (97-010)
81810 Protection of Safeguards Information 09/10/07 (07-027)
81811 Reserved for Part 52 Physical Protection Safeguards Information
81815 Authorizations for Access to National Security Information (NSI) and Restricted Data (RD) 12/22/08 (08-037)
81820 Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 12/22/08 (08-037)

8200 Emergency Planning

82001 Evaluation of Emergency Preparedness 05/22/00 (00-010)
82002 Reserved for Part 52, Emergency Preparedness Program
82201 Emergency Detection and Classification 03/23/05 (05-008)
82202 Protective Action Decision Making 03/23/05 (05-008)

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)

PART
GUIDANCE

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 09/17/01 (01-017)
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)

PART
GUIDANCE

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)
85215 Records and Reports 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 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

PART
GUIDANCE

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 08/22/05 (05-023)
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)
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 10/24/02 (02-041)
87132 Brachytherapy Programs 12/06/05 (05-033)
87133 Medical Gamma Sterotactic Radiosurgery and Teletherapy Programs 10/24/02 (02-041)
87134 Medical Broad-Scope Programs 09/28/05 (05-027)
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)

PART

GUIDANCE

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)
88002 Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030)
88003 Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012)
88004 Reserved for Adverse Weather Protection
88005 Management Organization and Controls 09/05/06 (06-020)
88010 Operator Training/Retraining 09/05/06 (06-020)
88015 Nuclear Criticality Safety Program 09/05/06 (06-020)
88016 Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019)
88017 Criticality Alarm Systems 07/28/06 (06-019)
88020 Operational Safety 09/05/06 (06-020)
88025 Maintenance and Surveillance Testing 09/25/06 (06-025)
88030 Radiation Protection 07/28/06 (06-019)
88035 Radioactive Waste Management 09/25/06 (06-025)
88045 Effluent Control and Environmental Protection 09/05/06 (06-020)
88050 Emergency Preparedness 09/05/06 (06-020)
88051 Evaluation of Exercises and Drills 07/28/06 (06-019)
88054 Fire Protection (Triennial) 09/11/08 08-026
88055 Fire Protection (Annual) 08/19/08 (08-024)
88070 Permanent Plant modification 09/05/06 (06-020)
88071 Configuration Management Programmatic Review 07/28/06 (06-019)
88075 Event Follow-up 07/28/06 (06-019)
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)

PART

GUIDANCE

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)
88116 Inspection of Safety Function Interfaces for the Mixed Oxide Fuel Fabrication Facility (Pre-licensing and Construction) 02/07/07 (07-006)
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 0925/06 (06-025)
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

8900 Fuel Facility and Materials Special Program

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

PART

GUIDANCE

9000 Reportable Matters and Report Reviews

90001	Construction Regulatory Response Column Inspections 10/27/10 (10-022)
90002	Reserved for Expanded Program Review Inspection
90003	Reserved for Unacceptable Performance Inspection
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 03/30/05 (05-009)
92711	Continued Implementation of Strike Plans During an Extended Strike 03/30/05 (05-009)
92712	Resumption of Normal Operations After a Strike 08/21/92 (92-010)
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)

PART
GUIDANCE

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 Reserved for Safety Conscious Work Environment Issue Follow-up
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 03/23/09 (09-010)
93813 Reserved for Part 52 Operational Readiness Assessment Team Inspection
93814 Independent Design Verification Program 11/15/10 (10-023)

9400 Technical Activities of an Administrative Nature

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

9500 Strategic Determination Actions

PART

GUIDANCE

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) 01/15/09 (09-002)

9600 Materials Safety and Security

96001 Contingency Response – Annual Force-On-Force Testing Category 1 Fuel Cycle Facilities 02/14/06 (06-003)

9700 Reserved

9800 Reserved

9900 Guidance[2]

99000 Technical Guidance 05/12/86 (86-26)

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)

Oper Det Process Operability Determinations & Functionality Assessments For Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 09/26/05 (05-026)

STS Sec 1.0 Operability 05/12/86 (86-26)

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

PART GUIDANCE

STS Sec 1.0 Definitions 12/08/86 (86-54)

STS Sec 3.0 Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)

STS Sec 3/4.6.4 Containment and Drywell Isolation Valves 06/09/88 (88-06)

STS Sec 3.7.5 Ultimate Heat Sink 11/25/88 (88-17)

STS Sec 3/4.8.1 TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)

STS Sec 4.2.8.X.X Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)

STS Sec 4.5.1 Standard Technical Specifications (BWR) 05/12/86 (86-26)

STS Sec 4.8.1.1.2 Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)

STS Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)

STS Interp Licensee Technical Specification Interpretations 02/03/97 (97-001)

Maintenance

Voluntary Entry into Limiting Conditions For Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001)

Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)

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

Mechanical

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

Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)

Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033) [TG_Mech SGTUBELKG.wpd]

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

PART
GUIDANCE

Operations

Notice of Enforcement Discretion 02/07/05 (05-005) [NOED.TG]

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

Operability Determinations & Functionality Assessments for Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 04/16/08 (08-016) [TG STSODP]

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

PART
10 CFR GUIDANCE

10	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10CFR71 and 49CFR171-178	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