

# NRC INSPECTION MANUAL

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2815	Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2900	<u>Performance Appraisal Program</u>
2901	Team Inspections 05/20/22 (22-010)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)
3000	<u>Management Meetings</u>
3100	<u>Reserved</u>
3200	<u>Reserved</u>
3300	<u>Reserved</u>
3400	<u>Reserved</u>
3500	<u>Quality Assurance</u>
35007	Quality Assurance Program Implementation During Construction and Pre-Construction Activities 02/09/22 (22-003)
35017	Quality Assurance Implementation Inspection 12/10/20 (20-070)
35023	RESERVED for Design Reliability Assurance Program
35031	RESERVED for Design Certification Pre-Meeting
35032	RESERVED for Pre-Docketing Design Certification Quality Assurance Controls Inspection

35033	RESERVED for Post-Docketing Design Certification Quality Assurance Controls Inspection
35034	Design Certification Testing Inspection 03/23/20 (20-017)
35101	QA Program Implementation Inspection for Operational Programs 12/29/21 (21-041)
35710	Quality Assurance Inspection of Safety-Related Software Used for Digital Instrumentation and Control in Nuclear Applications 04/18/24 (24-011)
35962	RESERVED for Part 52 QA Program Evaluation of Engineering Service Organization
3600	<u>Organization and Administration</u>
36100	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance 02/10/23 (23-003)
36100.01	Inspection of 10 CFR 50.55(e) Programs for Reporting Defects and Noncompliance During Construction 03/08/23 (23-007)
36302	Part 52. Operational Staffing 08/19/08 (08-024)
3700	<u>Design, Design Changes, Modifications</u>
37060	10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection 10/18/22 (22-023)
37700	Design Changes and Modifications 09/17/01 (01-017) R
37801	Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 09/09/20 (20-041)
37803	RESERVED
37804	Aircraft Impact Assessment 03/23/20 (20-017)
37805	Engineering Design Verification Inspections 04/08/20 (20-020)
37806	RESERVED Non-Nuclear Co-Located Facilities
3800	<u>Procurement</u>
3900	<u>Records</u>
4000	<u>Review and Audit</u>
40002	Inspections to Review Allegations 06/28/02 (02-024)
40100	Independent Safety Culture Assessment Follow-up 02/12/25 (25-002)
40505	RESERVED for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems
40600	Licensee Program for Managing Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure 05/29/20 (20-025)
40801	Problem Identification and Resolution at Permanently Shutdown Reactors 08/11/97 (97-012)
40802	RESERVED for Financial Assurance at Permanently Shutdown Reactors

4100 Training

- 41500 Training and Qualification Effectiveness 06/13/95 (95-007) R
- 41501 Part 52, Review of Training and Qualification Programs  
06/04/19 (19-018)
- 41502 Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

4200 Procedures

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

4300 Vendor Procedures

- 43002 Routine Inspections of Nuclear Vendors 02/10/23 (23-003)
- 43003 Reactive Inspections of Nuclear Vendors 04/08/20 (20-020)
- 43004 Inspection of Commercial-Grade Dedication Programs 02/10/23 (23-003)
- 43005 NRC Oversight of Third-Party Organizations Implementing Quality  
Assurance Requirements 10/07/24 (24-026)
- 43006 Inspection of the Implementation of Mitigation Strategies Order  
Regulating the Use of National SAFER Response Centers  
06/16/22 (22-013)

4400 Reserved

4500 Geotechnical/Foundation

- 45052 Review of Geotechnical and Site Characterization Activities  
04/05/22 (22-006)

4600 Structural Concrete

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

4900 Piping

- 49001 Inspection of Erosion-Corrosion / Flow-Accelerated-Corrosion Monitoring  
Programs 12/11/98 (98-019) R

5000 Mechanical Components and Equipment

- 50001 Steam Generator Replacement Inspection 02/04/25 (25-001)
- 50002 Steam Generators 12/31/96 (96-024) R
- 50003 Pressurizer Replacement Inspection 02/04/25 (25-001)
- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)
- 50056 RESERVED for Reactor Vessel Material Surveillance Program

5100 Electrical Components and Systems

- 51080 Part 52, Environmental Qualification (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)

5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection 07/09/21 (21-023)

5300 Containment Penetrations

5400 Cleanliness

5500 Welding

- 55050 Nuclear Welding General Inspection Procedure 06/20/83 (83-06) R
- 55100 Structural Welding General Inspection Procedure 06/20/83 (83-06) R

5600 Calibration

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

5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

- 57050 Visual Testing Examination 03/09/99 (99-003) R
- 57060 Liquid Penetrant Testing Examination 03/09/99 (99-003) R
- 57070 Magnetic Particle Testing Examination 03/09/99 (99-003) R
- 57080 Ultrasonic Testing Examination 03/09/99 (99-003) R
- 57090 Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005) R

5800 Special Processes

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

- 60705 Preparation for Refueling 07/27/95 (95-009) R
- 60710 Refueling Activities 07/27/95 (95-009) R
- 60715 Spent Fuel Pool Safety at Operating Reactors 09/16/20 (20-043)
- 60801 Spent Fuel Pool Maintenance, Surveillance, and Safety at Permanently Shutdown Reactors 09/09/20 (20-041)
- 60845 Operation of Inter-Unit Fuel Transfer Canister and Cask System 05/16/19 (19-015)
- 60851 Design Control of ISFSI Components 01/16/08 (08-003)
- 60852 ISFSI Component Fabrication by Outside Fabricators 08/17/23 (23-024)
- 60853 On-Site Fabrication of Components and Construction of an Independent Spent Fuel Storage Installation 08/17/23 (23-024)
- 60854 Preoperational Testing of an Independent Spent Fuel Storage Installation 10/20/20 (20-052)
- 60855 Operation of an Independent Spent Fuel Storage Installation 11/25/20 (20-065)
- 60856 Review of 10 CFR 72.212(b) Evaluations 10/20/20 (20-052)
- 60857 Review of 10 CFR 72.48 Evaluations 10/20/20 (20-052)
- 60858 Away-From-Reactor Independent Spent Fuel Storage Installation Inspection Guidance 11/12/20 (20-062)
- 60859 Independent Spent Fuel Storage Installation (ISFSI) License Renewal Inspection 09/11/2024 (24-025)
- 60860 RESERVED for Welding Verification Checklist for Transportation and ISFSI Components
- 60861 RESERVED for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components
- 60862 RESERVED for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
- 60863 RESERVED for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
- 60864 RESERVED for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review
- 60865 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) R
- 61706 Core Thermal Power Evaluation 07/14/86 (86-36) R
- 61707 Determination of Reactor Shutdown Margin 10/11/85 (85-31) R



61708	Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31) R
61709	Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36) R
61710	Control Rod Worth Measurements for Pressurized Water Reactors 10/11/85 (85-31) R
61715	Verification of Containment Integrity 12/23/86 (86-60) R
61720	Containment Local Leak Rate Testing 10/03/85 (85-30) R
61726	Surveillance Observations 06/24/98 (98-010) R
61728	Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02) R
6200	<u>Maintenance</u>
62002	Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024) R
62003	Inspection of Steel and Concrete Containment Structures at Nuclear Power Plants 06/11/97 (97-008) R
62700	Maintenance Program Implementation 04/04/00 (00-005) R
62706	Maintenance Rule 12/13/00 (00-028) R
62708	Motor-Operated Valve Capability 07/16/20 (20-033)
62709	Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029) R
62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding 04/30/10 (10-013) R
62711	RESERVED for Operational Reliability Assurance Process
62712	Part 52, Maintenance Rule 08/13/13 (13-017) R
6300	<u>Construction Testing</u>
6400	<u>Fire Prevention/Protection</u>
64102	RESERVED for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities
64704	Fire Protection Program at Permanently Shutdown Reactors 11/05/20 (20-059)
64705	Part 52, Fire Protection Operational Program 06/04/19 (19-018)
6500	<u>10 CFR Part 52 ITAAC Inspections</u>
65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)

65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
65001.06	Inspection of ITAAC-Related Installation of Mechanical Components 01/27/15 (15-001)
65001.07	Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)
65001.08	Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)
65001.09	Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)
65001.10	Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)
65001.11	Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)
65001.11A	Part 52, Containment Structural Integrity Test 12/20/19 (19-041)
65001.12	Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air Conditioning Systems 07/29/08 (08-021)
65001.13	Inspection of ITAAC-Related Installation of Load Handling Equipment and Fuel Racks 08/05/09 (09-019)
65001.14	Inspection of ITAAC-Related Installation of Complex Systems with Multiple Components 06/24/15 (15-012)
65001.15	Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)
65001.16	Inspection of ITAAC-Related Engineering 06/20/14 (14-013)
65001.17	Inspection of ITAAC-Related Security Structures, Systems, and Components 09/30/16 (16-025)
65001.18	Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
65001.19	Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029)
65001.20	Inspection of Safety-Related Piping Design Acceptance Criteria (DAC)-Related ITAAC 06/02/11 (11-009)
65001.21	Inspection of Pipe Rupture Hazards Analyses (Inside and Outside Containment) Design Acceptance Criteria (DAC)-Related ITAAC 11/07/11 (11-029)
65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
65001.23	Inspection of Human Factors Engineering Verification and Validation ITAAC 12/22/14 (14-031)
65001.A	Inspection of the As-Built Attributes for Structures, Systems, and Components (SSCs) Associated with ITAAC 09/25/13 (13-023)
65001.B	Inspection of the ITAAC-Related Welding and Nondestructive Examination Programs 11/04/19 (19-034)
65001.C	Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010)
65001.D	Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011)
65001.E	Inspection of the ITAAC-Related Qualification Program 06/20/14 (14-013)
65001.F	Inspection of the ITAAC-Related Design and Fabrication Requirements 09/20/13 (13-022)

6600 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 02/03/04 (04-004)
69005	Class I Research and Test Reactor Experiments 02/03/04 (04-004)
69006	Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)
69007	Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)
69008	Class I Research and Test Reactor Procedures 02/03/04 (04-004)
69009	Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)
69010	Class I Research and Test Reactor Surveillance 02/03/04 (04-004)
69011	Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)
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69013	Research and Test Reactor Decommissioning 02/03/04 (04-004)
69020	Inspections of Safety-Related Items (and Services) During Construction of Non-Power Production and Utilization Facilities 03/25/25 (25-005)
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69020.B	Inspection of Structural Concrete at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.C	Inspection of Structural Steel and Supports at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.D	Inspection of Piping at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.E	Inspection of Piping Supports and Restraints at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.F	Inspection of Mechanical Components at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.G	Inspection of Electrical Cable at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.H	Inspection of Electrical Components and Systems at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.I	Inspection of Ventilation and Confinement Systems at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.J	Inspection of Instrumentation and Control Systems at Non-Power Production and Utilization Facilities 03/25/25 (25-005)

69020.K	Inspection of Safety Significant Welding at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.L	Inspection of Fire Protection Systems Under Construction at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69020.M	Inspection of Digital Instrumentation and Control (DI&C) System/Software Design at Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69021	Inspections of Quality Assurance Program Implementation During Construction of Non-Power Production and Utilization Facilities 03/25/25 (25-005)
69022	Inspections of Operational Readiness During Construction of Non-Power Production and Utilization Facilities 03/25/25 (25-005)
 7000	 <u>Preoperational Testing</u>
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70313	Containment Integrated Leak Rate Test Surveillance 11/12/85 (85-36) R
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30) R
70367	Part 52, Inspection of Preoperational Test Program 10/20/20 (20-052)
70368	Part 52 Containment Leak Rate Testing Program (Programmatic) 06/26/17 (17-013)
70369	RESERVED for Part 52 Containment Leak Rate Testing
70371	RESERVED for Part 52 Testing of Pipe Support and Restraint System
70701	RESERVED
70702	Part 52, Inspection of Preoperational Test Performance 12/06/17 (17-028)
 7100	 <u>Operations (License &amp; TS Requirements)</u>
71002	License Renewal Inspection 06/26/23 (23-018)
71003	Post-Approval Site Inspection for License Renewal 08/11/23 (23-023)
71004	Power Uprate 02/09/22 (22-003)
71007	Reactor Vessel Head Replacement Inspection 02/04/25 (25-001)
71013	Site Inspection for Plants with a Timely Renewal Application 06/26/23 (23-018)
71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 10/13/22 (22-022)
71111.01	Adverse Weather Protection 08/01/22 (22-015)
71111.04	Equipment Alignment 09/19/23 (23-028)
71111.05	Fire Protection 08/01/22 (22-015)
71111.06	Flood Protection Measures 08/01/22 (22-015)
71111.07	Heat Exchanger/Sink Performance 08/18/23 (23-025)
71111.08	Inservice Inspection Activities 10/16/23 (23-030)
71111.11	Licensed Operator Requalification Program and Licensed Operator Performance 12/06/24 (24-039)
71111.12	Maintenance Effectiveness 03/31/21(21-016)
71111.13	Maintenance Risk Assessments and Emergent Work Control 08/01/22 (22-015)
71111.15	Operability Determinations and Functionality Assessments 04/09/25 (25-006)

71111.17T	Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032) R
71111.18	Plant Modifications 11/21/24 (24-036)
71111.19	Post-Maintenance Testing 10/06/20 (20-047) R
71111.20	Refueling and Other Outage Activities 04/06/22 (22-007)
71111.21M	Comprehensive Engineering Team Inspection 10/07/22 (22-021)
71111.21N	Design Bases Assurance Inspection (Programs) 02/05/19 (19-005)
71111.21N.02	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements 07/26/19 (19-024)
71111.21N.03	Commercial Grade Dedication 02/16/23 (23-004)
71111.21N.04	Age-Related Degradation 04/09/25 (25-006)
71111.21N.05	Fire Protection Team Inspection (FPTI) 06/12/19 (19-019)
71111.22	Surveillance Testing 03/29/21 (21-015) R
71111.24	Testing and Maintenance of Equipment Important to Risk 03/07/23 (23-006)
71113	RESERVED for Review of License Renewal Commitments for Plants in Timely Renewal
71114	Reactor Safety-Emergency Preparedness 04/02/21 (21-018)
71114.01	Exercise Evaluation 07/21/16 (16-017)
71114.02	Alert and Notification System Evaluation 12/12/24 (24-042)
71114.03	Emergency Response Organization Staffing and Augmentation System 07/21/16 (16-017)
71114.04	Emergency Action Level and Emergency Plan Changes 07/21/16 (16-017)
71114.05	Maintenance of Emergency Preparedness 07/21/16 (16-017))
71114.06	Drill Evaluation 07/21/16 (16-017)
71114.07	Exercise Evaluation-Hostile Action (HA) Event 07/21/16 (16-017)
71114.08	Exercise Evaluation-Scenario Review 07/21/16 (16-017)
71124	Radiation Safety - Public and Occupational 12/21/17 (17-031)
71124.01	Radiological Hazard Assessment and Exposure Controls 12/29/21 (21-041)
71124.03	In-Plant Airborne Radioactivity Control and Mitigation 12/23/19 (19-042)
71124.04	Occupational Dose Assessment 12/23/19 (19-042)
71124.05	Radiation Monitoring Instrumentation 03/04/20 (20-014)
71124.06	Radioactive Gaseous and Liquid Effluent Treatment 03/04/20 (20-014)
71124.07	Radiological Environmental Monitoring Program 03/04/20 (20-014)
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation 03/04/20 (20-014)
71130	Security 12/06/23 (23-035)
71130.01	Access Authorization 12/21/23 (23-039)
71130.02	Access Control 12/18/23 (23-038)
71130.03	Contingency Response - Force-On-Force Testing 11/15/23 (23-034)
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71130.05	Protective Strategy Evaluation and Performance Evaluation Program 11/15/23 (23-034)
71130.07	Security Training 01/02/24 (24-001)
71130.07EW	Enhanced Weapons and Preemption of Firearms Laws 01/02/24 (24-001)
71130.09	Security Plan Changes 07/09/24 (24-020)
71130.08	Fitness-for-Duty Program 01/23/24 (24-003)
71130.10	Cybersecurity 12/14/21 (21-040)
71130.11	Material Control & Accounting (MC&A) 01/07/20 (20-003)

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 03/09/23 (23-008)
71150	Discrepant or Unreported Performance Indicator Data 04/30/19 (19-013)
71151	Performance Indicator Verification 12/12/24 (24-042)
71152	Problem Identification and Resolution (PI&R) 10/31/23 (23-032)
71153	Follow up of Events and Notices of Enforcement Discretion 09/16/20 (20-043)
71303	Part 52, Technical Specifications Review 07/08/20 (20-031)
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004) R
71801	Decommissioning Performance and Status Reviews at Permanently Shutdown Reactors 09/30/20 (20-045)
71841	Human Performance 12/12/00 (00-027) R

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72303	Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and Test Results Evaluation 09/05/06 (06-021)
72304	AP1000 Startup Test Inspections 02/28/19 (19-009)
72401	Part 52, Inspection of Startup Test Program 12/07/20 (20-069)
72501	RESERVED for Part 52 Initial Fuel Load Procedure Review
72525	RESERVED for Part 52 Initial Fuel Load Witnessing
72701	Modification Testing 04/14/92 (92-004) R

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73051	Inservice Inspection – Review of Program 01/14/86 (86-003) R
73052	In-service Inspection - Review of Procedures 01/14/86 (86-03) R
73054	Part 52, Preservice and Inservice Inspection - Review of Program 03/04/20 (20-013)
73753	Inservice Inspection 06/24/98 (98-010) R
73754	Part 52 - Preservice Inspection - Non-Destructive Examination 09/23/19 (19-029)
73755	Inservice Inspection - Data Review and Evaluation 10/27/10 (10-022) R
73756	In-service Testing of Pumps and Valves 07/27/95 (95-009) R
73757	Part 52 In-service Inspection - Data Review and Evaluation 09/23/19 (19-029)
73758	Part 52, Functional Design and Qualification, and Preservice and Inservice Testing Programs for Pumps, Valves and Dynamic Restraints 02/06/20 (20-007)

## 7400 Reserved

## 7500 Reserved for ARCOP

75000	RESERVED for ARCOP
75100	RESERVED for Security
75100.01	RESERVED Access Authorization

75100.02	RESERVED Access Control
75100.03	RESERVED Performance Evaluation Program
75100.04	RESERVED Equipment Performance, Testing, and Maintenance
75100.05	RESERVED Protective Strategy Evaluation
75100.06	RESERVED Protection of Safeguards Information (SGI)
75100.07	RESERVED Security Training
75100.08	RESERVED Fitness-for-Duty (FFD) Operational Program
75100.09	RESERVED Cybersecurity inspection for pre-fuel load construction
75100.10	RESERVED Security Organization, Management Effectiveness, Program Reviews and Audits
75100.11	RESERVED Material Control and Accounting (MC&A)
75100.12	RESERVED
75100.13	RESERVED
75100.14	RESERVED Review of New Reactor Target Sets
75100.15	RESERVED Cybersecurity inspection for post-fuel load construction
75100.16	RESERVED
75100.17	RESERVED
75100.18	RESERVED
75100.19	RESERVED
75100.20	RESERVED

75200–75299 RESERVED for ARCOP Operational Readiness

7600 Reserved

7700 Reserved

7800 High Level Waste

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

7900 Water Chemistry

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

8000 Environmental Protection

80211	RESERVED for Part 52 Environmental Protection - Initial & Periodic Inspection
80522	Part 52, Radiological Environmental Monitoring Program (REMP) 05/07/20 (20-024)
80600	RESERVED for Independent Assessment of Site Radiological Conditions

## 8100 Physical Security

81000	Security 10/28/24 (24-033)
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81000.02	Access Control 11/04/24 (24-035)
81000.03	Performance Evaluation Program 12/10/24 (24-041)
81000.04	Equipment Performance, Testing and Maintenance 11/04/24 (24-035)
81000.05	Protective Strategy Evaluation 11/04/24 (24-035)
81000.06	Protection of Safeguards Information 12/13/24 (24-043)
81000.07	Security Training 12/13/24 (24-043)
81000.08	Fitness-for-Duty Program 10/29/24 (24-033)
81000.09	Cyber Security Inspection for Construction 09/30/16 (16-025)
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- 95002 Supplemental Inspection Response to Action Matrix Column 3 (Degraded Performance) Inputs 03/19/2021 (CN 21-014)
- 95003 Supplemental Inspection Response to Action Matrix Column 4 (Multiple/Repetitive Degraded Cornerstone) Inputs 06/07/22 (22-012)
- 95003.01 Emergency Preparedness 01/15/09 (09-002)
- 95003.02 Guidance for Conducting Independent NRC Safety Culture Assessment 04/16/25 (25-008)

9600 Materials Safety and Security

- 96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 03/11/19 (19-010)

9700 Reserved

9800 Reserved

9900 Guidance<sup>2</sup>

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

**PART**  
**GUIDANCE**

Technical Guidance

- ASME Section III American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
- ASME Section III & XI American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
- ASME Section XI American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
- ASME Section XI American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
- STS Sec 1.0 Operability 05/12/86 (86-26)
- STS Sec 1.0 Definitions 12/08/86 (86-54)
- STS Sec 3.0 Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
- STS Sec 3/4.6.4 Containment and Drywell Isolation Valves 06/09/88 (88-06)
- STS Sec 3.7.5 Ultimate Heat Sink 11/25/88 (88-17)
- STS Sec 3/4.8.1 TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)

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

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]
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## 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) Ice Condenser System Inspections 06/06/05 (05-015)
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## Operations

Notice of Enforcement Discretion for Gaseous Diffusion Plants 05/03/99 (99-008) [NOEDGAS.TG] Operation - Safety and Compliance 09/11/07 (07-028) [TG 9900 SAFETY]
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## **PART**

### **10 CFR GUIDANCE**

10	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10 CFR71 and 49 CFR171-178	Transportation of Radioactive Material 12/01/04 (04-027)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
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)

Interpretations**OPERATING EXPERIENCE**  
**SMART SAMPLES**

FY2007/01	PWR Containment Sump Recirculation Pipe Foreign Material Blockage 11/20/06 <b>R</b>
FY2007/02 Rev 3	Analysis of Flooding Vulnerabilities 09/11/18 (18-031)
FY2007/03 Rev 3	Crane And Heavy Lift Inspection, Supplemental Guidance to IP 71111.20 and IP 71111.13, 09/11/18 (18-031)
FY2007/04	BWR Core Power / Flow Map – supplemental inspection guidance for MC 2515D, 08/27/07 <b>R</b>
FY2008/01	Negative Trend and Recurring Events Involving Emergency Diesel Generators 11/29/07 <b>R</b>
FY2009/01	Inspection of Electrical Connections for Motor Control Center, Circuit Breakers, and Interfaces 10/29/08 <b>R</b>
FY2009/02	Negative Trend and Recurring Events Involving Feedwater Systems 12/23/08 <b>R</b>
FY2012/02 Rev 1	Technical Specification Interpretation and Operability Determination 05/17/12 <b>R</b>
FY2018/01	Evaluation of Licensee Actions Taken in Response to 10 CFR Part 21 Notification of the Potential Existence of Defects Related to Control Rod Drive Mechanism (CRDM) Thermal Sleeves 11/19/18 (18-040) <b>R</b>
FY2019/01	Commercial Grade Dedication, Procurement, and Design Control 07/30/19 (19-025) <b>R</b>
FY2020/01	Flex Equipment Design Control, Maintenance, and Testing 10/21/20 (20-053)
FY2023/01	Digital Instrumentation and Controls 02/12/24 (24-007)
FY2023/02	Probabilistic Risk Assessment Configuration Control 01/09/24 (24-002)

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