# **NRC INSPECTION MANUAL**

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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)

- 3000 Management Meetings
  - 30800 Initial Management Meeting Materials Licensees 10/01/76 (76-26)
- 3100 Reserved
- 3200 Reserved
- 3300 <u>Reserved</u>
- 3400 <u>Reserved</u>

# 3500 Quality Assurance

35002	Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018)
35004	Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35006	Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
35007	Quality Assurance Program Implementation During Construction and Pre- Construction Activities 12/08/16 (16-032)
35012	Early Site Permit Quality Assurance Controls Assessment and Conclusion 05/29/03 (03-018)
35017	Quality Assurance Implementation Inspection 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 07/08/16 (16-015)
35701	Quality Assurance Program Review 09/17/01 (01-017)
35710	Quality Assurance Inspection of Software Used in Nuclear Applications 01/30/18 (18-002)
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 05/16/19 (19-015)
36100.01	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and
	Noncompliance During Construction 11/13/19 (19-035)
36302	Part 52. Operational Staffing 08/19/08 (08-024)

3700 Design, Design Changes, Modifications

37060	Inspections under the 10CFR Part 50.69 Special Program 07/28/20 (20-035)
37700	Design Changes, and Modifications 09/17/01 (01-017)
37801	Safety Reviews, Design Changes, and Modifications at
	Permanently Shutdown Reactors 09/09/20 (20-041)
37803	RESERVED
37804	Aircraft Impact Assessment Inspection 03/23/20 (20-017)
37805	Engineering Design Verification Inspections 04/08/20 (20-020)

### 3800 Procurement

- 3900 <u>Records</u>
  - 39701 Records Program 09/17/01 (01-017)

# 4000 Review and Audit

40002	Inspections to Review Allegations 06/28/02 (02-024)
40100	Independent Safety Culture Assessment Follow-up 07/26/18 (18-022)
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	Self-Assessment, Auditing, and Corrective Action at Permanently
	Shutdown Reactors 08/11/97 (97-012)

#### 4100 <u>Training</u>

41500	Training and Qualification Effectiveness 06/13/95 (95-007)
41501	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)
42401	Part 52, Plant Procedures10/27/10 (10-022)
42453	Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454	Part 52, Emergency Operating Procedures 09/09/13 (13-020)
42700	Plant Procedures 11/15/95 (95-015)

# 4300 <u>Vendor Procedures</u>

Routine Inspections of Nuclear Vendors 01/27/17 (17-002)
Reactive Inspections of Nuclear Vendors 04/08/20 (20-020)
Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002)
NRC Oversight of Third-Party Organizations Implementing Quality Assurance
Requirements 10/08/15 (15-019)
Inspection of The Implementation Of Mitigation Strategies Regulation
Regarding The Use of National Safer Response Centers 10/16/20 (20-051)

#### 4400 <u>Reserved</u>

#### 4500 Geotechnical/Foundation

 45051 Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)
 45052 Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)

- 4600 Structural Concrete
- 4700 Containment (Post-Tensioning)
- 4800 Structural Steel and Supports
- 4900 Piping
- 5000 Mechanical Components and Equipment

50001	Steam Generator Replacement Inspection 09/12/17 (17-018)
50002	Steam Generators 12/31/96 (96-024)
50003	Pressurizer Replacement Inspection 09/12/17 (17-018)
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 Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)

- 5200 Instrumentation Systems and Components
  - 52003 Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
- 5300 Containment Penetrations
- 5400 <u>Cleanliness</u>

#### 5500 Welding

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

#### 5600 Calibration

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

#### 5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

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

60705	Preparation for Refueling 07/27/95 (95-009)
60710	Refueling Activities 07/27/95 (95-009)
60715	Spent Fuel 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 Intra-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 01/16/08 (08-003)
60853	On-Site Fabrication of Components and Construction of an
	Independent Spent Fuel Storage Installation 09/11/20 (20-042)
60854	Preoperational Testing of an Independent Spent Fuel Storage Installation 10/20/20 (20-052)
60854.1	Preoperational Testing of Independent Spent Fuel Storage
	Facility Installation at Operating Plants 05/16/19 (19-015)
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 05/16/19 (19-015)
60856	Review of 10 CFR 72.212(b) Evaluations 10/20/20 (20-052)
60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants
	05/16/19 (19-015)
60857	Review of 10 CFR 72.48 Evaluations 10/20/20 (20-052)
60858	Away-From-Reactor ISFSI Inspection Guidance 11/12/20 (20-062)
60859	RESERVED for Initial Review of Aging Management Programs at Independent Spent Fuel Storage Installations

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 <u>Surveillance</u>

61705 61706	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25) 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 <u>Maintenance</u>

62002	Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024)
62003	Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
62706	Maintenance Rule 12/13/00 (00-028)
62708	Motor-Operated Valve Capability 07/16/20 (20-033)
62709	Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding 04/30/10 (10-013)
62711	RESERVED for Operational Reliability Assurance Process
62712	Part 52, Maintenance Rule 08/13/13 (13-017)

#### 6300 Construction Testing

#### 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 10 CFR Part 52 ITAAC Inspections

65001	Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
65001.06	Inspection of ITAAC-Related Installation o Mechanical Components 01/27/15 (15-001)
65001.07	Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)
65001.08	Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)
65001.09	Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)
65001.10	Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)
65001.11	Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)
65001.11A	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 Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029)
65001.22	Inspection of Digital Instrumentation and Control (DI&C) System/Software Design Acceptance Criteria (DAC) – Related ITAAC 12/19/11 (11-041)
65001.23	Inspection of Human Factors Engineering Integrated System Validation ITAAC 12/22/14 (14-031)
65001.23, App	A Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 12/22/14 (14-031)
65001.A	ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
65001.B	Inspection of the ITAAC-Related Welding Program 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 <u>Reserved</u>
- 6700 <u>Reserved</u>
- 6800 <u>Reserved</u>

### 6900 Non-Power Reactor Inspection

69001 69002 69003	Class II Research and Test Reactors 02/03/04 (04-004) Class III Research and Test Reactors 02/03/04 (04-004) Class I Research and Test Reactor Operator Licenses,
69004	Requalification, and Medical Examinations 02/03/04 (04-004) 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
69010	Class I Research and Test Reactor Surveillance 02/03/04 (04-004)
69011	Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)

69012	Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)
69013	Research and Test Reactor Decommissioning 02/03/04 (04-004)
69020	Inspections of Safety-Related Items (and Services) During Construction of
	Non-Power Production and Utilization Facilities 12/14/15 (15-029)
69021	Inspections of Quality Assurance Program Implementation During
	Construction of Non-Power Production and Utilization Facilities
	09/12/17 (17-018)
69022	Inspections of Operational Readiness During Construction of Non-Power
	Production and Utilization Facilities 10/09/19 (19-033)

7000 Preoperational Testing

70307	Containment Integrated Leak Rate Test - Procedure
	Review 03/07/86 (86-13)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323	Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
70367	Inspection of Pre-operational Test Program 10/20/20 (20-052)
70368	Part 52 Containment Leak Rate Testing (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	Inspection of Preoperational Test Performance 12/06/17 (17-028)

# 7100 Operations (License & TS Requirements)

71002 71003 71004	License Renewal Inspection 06/30/20 (20-028) Post-Approval Site Inspection for License Renewal 07/08/16 (16-015)
71004 71007	Power Uprate 05/15/17 (17-010) Reactor Vessel Head Replacement Inspection 10/03/17 (17-020)
71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 10/28/11 (11-025)
71111.01	Adverse Weather Protection 12/20/19 (19-041)
71111.04	Equipment Alignment 10/05/20 (20-049)
71111.05	Fire Protection 10/06/20 (20-047)
71111.06	Flood Protection Measures 10/21/20 (20-053)
71111.07	Heat Sink Performance 10/21/20 (20-053)
71111.08	In-service Inspection Activities 12/14/18 (18-043)
71111.11	Licensed Operator Requalification Program 12/14/18 (18-043)
71111.12	Maintenance Effectiveness 10/05/20 (20-046)
71111.13	Maintenance Risk Assessments and Emergent Work Control 10/05/20 (20-046)
71111.15	Operability Determinations and Functionality Assessments 10/05/20 (20-046)
71111.17T	Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032)
71111.18	Plant Modifications 10/05/20 (20-046)
71111.19	Post Maintenance Testing 10/06/20 (20-047)
71111.20	Refueling and Other Outage Activities 10/06/20 (20-047)

71111 01M	Design Research Acquirance Inspection (Teams) 12/08/16 (16.022)
71111.21M 71111.21N	Design Bases Assurance Inspection (Teams) 12/08/16 (16-032) Design Bases Assurance Inspection (Programs) 02/05/19 (19-005)
	2 Design Basis Capability of power Operated Valves Under 10 CFR 50.55a
/ 1   1   . Z   N.U.	Requirements 07/26/19 (19-024)
71111 21N 0	5 Fire Protection Team Inspection (FPTI) 06/12/19 (19-019)
71111.22	Surveillance Testing 11/20/20 (20-064)
71113	RESERVED for Review of License Renewal Commitments for Plants in Timely
71115	Renewal
71114	Reactor Safety-Emergency Preparedness 05/29/12 (12-008)
71114.01	Exercise Evaluation 07/21/16 (16-017)
71114.02	Alert and Notification System Evaluation 07/21/16 (16-017)
71114.03	Emergency Response Organization Staffing and Augmentation System
	07/21/16 (16-017)
71114.04	Emergency Action Level and Emergency Plan Changes
	07/21/16 (16-017)
71114.05	Maintenance of Emergency Preparedness 07/21/16 (16-017))
71114.06	Drill Evaluation 07/21/16 (16-017)
71114.07	Exercise Evaluation-Hostile Action (HA) Event 07/21/16 (16-017)
71114.08	Exercise Evaluation-Scenario Review 07/21/16 (16-017)
71124	Radiation Safety - Public and Occupational 12/21/17 (17-031)
71124.01	Radiological Hazard Assessment and Exposure Controls
	12/23/19 (19-042)
71124.02	Occupational ALARA Planning and Controls 12/23/19 (19-042)
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	Public Radiation Safety 03/04/20 (20-014)
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling,
74400	Storage, and Transportation 03/04/20 (20-014)
71130	Security 07/23/20 (20-034)
71130.01	Access Authorization 09/30/16 (16-024)
71130.02	Access Control 09/30/16 (16-024)
71130.03	Contingency Response - Force-On-Force Testing 12/22/16 (16-035)
71130.04	Equipment Performance, Testing and Maintenance 09/30/16 (16-024)
71130.05	Protective Strategy Evaluation and Performance Evaluation Program 12/10/18 (18-042)
71130.06	Protection of Safeguards Information 09/30/16 (16-024)
71130.07	Security Training 09/30/16 (16-024)
71130.08	Fitness for Duty Program 10/22/18 (18-035)
71130.10P	Cyber Security 07/15/20 (20-032)
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 09/12/17 (17-018)
71150	Discrepant or Unreported Performance Indicator Data 04/30/19 (19-013)
71151	Performance Indicator Verification 04/06/20 (20-019)
71152	Problem Identification and Resolution 02/26/15 (15-003)
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)

- 71801 Decommissioning Performance and Status Reviews 09/30/20 (20-045)
- 71841 Human Performance 12/12/00 (00-027)

#### 7200 Startup Testing

Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and
Test Results Evaluation 09/05/06 (06-021)
AP1000 Startup Test Inspections 02/28/19 (19-009)
Part 52, Inspection of Startup Test Program 12/07/20 (20-069)
RESERVED for Part 52 Initial Fuel Load Procedure Review
RESERVED for Part 52 Initial Fuel Load Witnessing

#### 7300 In-service Inspection

73052 73054	In-service Inspection - Review of Procedures 01/14/86 (86-03) Part 52, Pre-service and In-service Inspection - Review of Program 03/04/20 (20-013)
73753	In-service Inspection 06/24/98 (98-010)
73754	Part 52 - Preservice Inspection - Non-Destructive Examination 09/23/19 (19-029)
73755	In-service Inspection - Data Review and Evaluation 10/27/10 (10-022)
73756	In-service Testing of Pumps and Valves 07/27/95 (95-009)
73757	Part 52 In-service Inspection - Data Review and Evaluation 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 <u>Reserved</u>
- 7500 <u>Reserved</u>
- 7600 <u>Reserved</u>
- 7700 Reserved
- 7800 High Level Waste
  - 78010 10 CFR Part 21 Program 09/11/08 (08-026)

# 7900 Water Chemistry

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

# 8000 Environmental Protection

80211	RESERVED for Part 52 Environmental Protection - Initial & Periodic Inspection
80522	Part 52, Radiological Environmental Monitoring Program (REMP) 05/07/20 (20-024)
80600	RESERVED for Independent Assessment of Site Radiological Conditions
80721	Radiological Environmental Monitoring 09/17/01(01-017)

# 8100 Physical Security

81000	Security 01/29/19 (19-004)
81000.01	Access Authorization 04/01/19 (19-011)
81000.02	Access Control 04/01/19 (19-011)
81000.03	Performance Evaluation Program 09/07/12 (12-020)
81000.04	Equipment Performance, Testing and Maintenance 07/01/19 (19-020)
81000.05	Protective Strategy Evaluation 09/24/19 (19-030)
81000.06	Protection of Safeguards Information 02/13/19 (19-007)
81000.07	Security Training 09/24/19 (19-030)
81000.08	Fitness for Duty Operational Program 09/07/12 (12-020)
81000.09	Cyber Security Inspection for Construction 09/30/16 (16-025)
81000.10	Security Organization, Management Effectiveness, Program Reviews and Audits 09/07/12 (12-020)
81000.11	Material Control and Accounting 09/07/12 (12-020)
81000.14	Review of New Reactor Target Sets 01/29/19 (19-004)
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81120	Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of Concern 04/01/10 (10-010) (Note this IP contains safeguards material)
81200	Security 07/28/20 (20-035)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors 05/07/20 (20-024)
81200.02	Access Control for Decommissioning Nuclear Power Reactors 10/16/20 (20-051)
81200.03	RESERVED for Decommissioning Force-on-Force Testing
81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors 01/05/21 (21-001)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for Decommissioning Nuclear Power Reactors 01/05/21 (21-001)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear Power Reactors 01/05/21 (21-001)

81200.07	Security Training for Decommissioning Nuclear Power Reactor 10/21/14 (14-025)
81200.08	RESERVED for Decommissioning Fitness for Duty Program
81200.10	RESERVED for Decommissioning Cyber Security
81200.11	RESERVED for Decommissioning Material Control and Accounting
81200.14	Review of Decommissioning Target Sets 01/05/21 (21-001)
81310	Physical Protection of Shipments of Irradiated Fuel
	12/22/08 (08-037)
81311	Physical Security Requirements for Independent Spent Fuel Storage
	Installations 10/06/20 (20-048)
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
01000	Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)
81365	Records, Reports, and Planning for Physical Protection of Formula Quantities
01000	of Special Nuclear Material in Transit 11/23/09 (09-028)
81370	Specific Requirements for Physical Protection of Formula Quantities of Special
01570	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
01411	Material 11/04/85 (85-34)
81421	Fixed Site Physical Protection of Special Nuclear Material of Moderate
01421	Strategic Significance 11/23/09 (09-028)
81431	Fixed Site Physical Protection of Special Nuclear
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81602	Fixed Site Physical Protection of Special Nuclear Material of Moderate
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82002.03	Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030)
82002.04	Emergency Preparedness Exercises 11/08/11 (11-030)
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82002.06	Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)
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82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)
82301	Evaluation of Exercises for Power Plants 04/24/13 (13-012)
82302	Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012)
82401	Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020)
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82701	Operational Status of the Emergency Preparedness Program 04/24/13 (13-012)

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83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)		
83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring		
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83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 01/01/84		
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83527	Facilities and Equipment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)		
83529	RESERVED for Part 52 Radiation Protection – Startup		
83531	Part 52 Life Cycle Minimization of Contamination and Groundwater Protection Program 03/04/20 (20-013)		
83532	RESERVED for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training		
83533	Part 52 External Occupational Exposure Control and Personal Dosimetry 03/04/20 (20-013)		
83534	Part 52, Internal Exposure Control and Assessment 03/04/20 (20-013)		
83535	Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 03/04/20 (20-013)		
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83537	Part 52 Maintaining Occupational Exposures ALARA 03/04/20 (20-013)		
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)		
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- 83750 Occupational Radiation Exposure at Permanently Shutdown Reactors 11/05/20 (20-059)
- 83801 Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 01/06/21 (21-002)
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84101	Radioactive Waste Management 12/30/91 (91-022)
84522	Solid Wastes (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 04/30/20 (20-022)
84528	Part 52 Liquid Waste Management Program 04/30/20 (20-022)
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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)

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85200	MC&A for Licensees Possessing Less Than or Equal to
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85207	Measurement Systems 01/17/86 (86-04)
85209	Measurement Control and Statistics 04/10/85 (85-15)
85211	Physical Inventory 01/17/86 (86-04)
85303	Material Control and Accounting Management Structure and Personnel
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85305	Item Monitoring 12/16/20 (20-073)
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85309	Measurement Systems and Control 11/06/20 (20-060)
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85402	Measurement Program 12/22/20 (20-075)
85403	Measurement Control Program 12/22/20 (20-075)
85404	Physical Inventory Program for Low Enriched Uranium Fuel Facilities 11/15/10 (10-023)
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85420	Inspection of IAEA Safeguards for Inspectors at Power Reactors 06/22/88 (88-007)
85501	Physical Inventory Program for Uranium Enrichment Facilities 12/20/20 (20-075)
85502	Detection Program for Uranium Enrichment Facilities 12/22/20 (20-075)
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86740	Inspection of Transportation Activities 12/14/20 (20-071)
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87137 10 CFR Part 37 Materials Security Programs 12/03/20 (20-068)	
87138 RESERVED for 10 CFR Part 37, "Physical Protection Of Catego	ory 1 And
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88005	Management Organization and Controls 09/05/06 (06-020)
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88050	Emergency Preparedness 12/17/20 (20-074)
88051	Evaluation of Exercises and Drills 11/12/20 (20-062)
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88072	Plant Modifications (Triennial) 08/21/18 (18-027)
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88109	Quality Assurance: Inspection, Test Control, and Control of Measuring and
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88114	Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade Item Dedication Process [Reactive] 10/25/06 (06-030)
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00404	Internal Isotopes Uranium Deconversion Facility
88121	RESERVED for Draft Operational Readiness Reviews for Uranium
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00130	Oxide Fuel Fabrication Facility 03/02/16 (16-009)
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88154	RESERVED for Fire Safety and Protection Systems
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88159	RESERVED for Process Enclosures and Vessels

- 88160 RESERVED for Utilities and Bulk Chemicals
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8000	Eucl Eacility	and Materials	Special Program
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92721	RESERVED for Part 52 Follow-up on Corrective Actions for Violations and
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92723	Follow up Inspection for Three or More Severity Level IV Traditional
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93702	Prompt Onsite Response to Events at Operating Power
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93800	Augmented Inspection Team 04/02/19 (19-012)
93801	Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
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93803	Safety Systems Outage Modifications Inspection 04/27/89 (89-008)
93804	Risk-Based Operational Safety and Performance Inspection
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93806	Operational Readiness Assessment Team Inspections 09/29/98 (98-015)
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93810	Service Water System Operational Performance Inspection
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93811	Electrical Distribution System Functional Inspection (EDSFI)
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93812	Special Inspection 04/02/19 (19-012)
93813	RESERVED for Part 52 Operational Readiness Assessment Team Inspection

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94301 RESERVED for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load

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95003	Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple
	Degraded Cornerstones, Multiple Yellow Inputs or One Red Input
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95003.02	Guidance for Conducting an Independent NRC Safety Culture Assessment)
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- 9600 Materials Safety and Security
  - 96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 03/11/19 (19-010)
- 9700 <u>Reserved</u>
- 9800 <u>Reserved</u>
- 9900 <u>Guidance</u><sup>2</sup>
  - 9900 Technical Guidance 05/12/86 (86-26)

#### <u>PART</u>

#### **GUIDANCE**

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STS Sec 3.0	Acceptable Measurement Tolerances for Technical
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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

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

STS	05/12/86 (86-26) Surveillance Sections - Locked or Otherwise Secured
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# <u>PART</u>

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49 CFR171-178	Transportation of Radioactive Material 12/01/04 (04-027)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.59	10 CFR 50.59, Changes, Tests, and Experiments
	03/13/01 (01-008) [50 59.CFR]
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50	Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)
70.51	Material Balance, Inventory, and Records Requirements
	12/19/74 (74-11)
70.52	Report of Accidental Criticality or Loss of Special Nuclear Material 11/15/74 (74-010)

# Interpretations

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