

# NRC INSPECTION MANUAL

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- 2800/043 Inspection of Facilities Potentially Contaminated with Discrete Radium Rev 3 226 Sources 12/20/19 (19-041)
- 2801 Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
- 2810 Master Materials License Oversight and Inspection Program 10/11/12 (12-023)
- 2815 Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
- 2882 Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)

2900 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 Reserved

3400 Reserved

3500 Quality Assurance

- 35002 Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018)
- 35004 Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
- 35006 Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
- 35007 Quality Assurance Program Implementation During Construction and Pre-Construction Activities 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 07/29/08 (08-021)
- 35023 RESERVED for Design Reliability Assurance Program
- 35031 RESERVED for Design Certification Pre-Meeting
- 35032 RESERVED for Pre-Docketing Design Certification Quality Assurance Controls Inspection
- 35033 RESERVED for Post-Docketing Design Certification Quality Assurance Controls Inspection
- 35034 Design Certification Testing Inspection 01/27/10 (10-003)
- 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)
- 36801 Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

3700 Design, Design Changes, Modifications

- 37060 Inspections under the 10CFR Part 50.69 Special Program 09/14/11 (11-016)
- 37700 Design Changes, and Modifications 09/17/01 (01-017)
- 37801 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)
- 37803 RESERVED
- 37804 Aircraft Impact Assessment Inspection 02/09/12 (12-001)
- 37805 Engineering Design Verification Inspections 04/25/11 (11-007)

3800	<u>Procurement</u>	
3900	<u>Records</u>	
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4000	<u>Review and Audit</u>	
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 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Management 07/28/14 (14-017)
40801		Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)
4100	<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	<u>Procedures</u>	
42001		Emergency Operating Procedures 06/28/91 (91-009)
42401		Part 52, Plant Procedures 10/27/10 (10-022)
42453		Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454		Part 52, Emergency Operating Procedures 09/09/13 (13-020)
42700		Plant Procedures 11/15/95 (95-015)
4300	<u>Vendor Procedures</u>	
43002		Routine Inspections of Nuclear Vendors 01/27/17 (17-002)
43003		Reactive Inspections of Nuclear Vendors 12/14/15 (15-029)
43004		Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002)
43005		NRC Oversight of Third-Party Organizations Implementing Quality Assurance Requirements 10/08/15 (15-019)
43006		Inspection of the Implementation of Mitigation Strategies Orders Regarding the Use of National Response Centers 09/30/16 (16-025)
4400	<u>Reserved</u>	

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	45052	Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)
4600	<u>Structural Concrete</u>	
4700	<u>Containment (Post-Tensioning)</u>	
4800	<u>Structural Steel and Supports</u>	
4900	<u>Piping</u>	
5000	<u>Mechanical Components and Equipment</u>	
	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	<u>Electrical Components and Systems</u>	
	51080	Part 52, Environmental Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)
5200	<u>Instrumentation Systems and Components</u>	
	52003	Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
5300	<u>Containment Penetrations</u>	
5400	<u>Cleanliness</u>	
5500	<u>Welding</u>	
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	55100	Structural Welding General Inspection Procedure 06/20/83 (83-06)

5600	<u>Calibration</u>
56700	Calibration 03/23/05 (05-008)
5700	<u>Nondestructive Examination, Destructive Examination and Fabrication Testing</u>
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57060	Liquid Penetrant Testing Examination 03/09/99 (99-003)
57070	Magnetic Particle Testing Examination 03/09/99 (99-003)
57080	Ultrasonic Testing Examination 03/09/99 (99-003)
57090	Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005)
5800	<u>Special Processes</u>
5900	<u>Reserve Shutdown System</u>
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60710	Refueling Activities 07/27/95 (95-009)
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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)
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60854	Preoperational Testing of an Independent Spent Fuel Storage Installation 01/16/08 (08-003)
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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)
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60857	Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033)
60858	Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)
60859	RESERVED for Welding Verification Checklist for Transportation and ISFSI Components



- 60860 RESERVED for Nondestructive Examination Procedure Visual Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components
- 60861 RESERVED for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
- 60862 RESERVED for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
- 60863 RESERVED for Nondestructive Examination Procedure Ultrasonic Examination Procedure Review/Work Observation/Record Review
- 60864 RESERVED for Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review of Transportation and ISFSI Components

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- 61706 Core Thermal Power Evaluation 07/14/86 (86-36)
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- 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)
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- 61726 Surveillance Observations 06/24/98 (98-010)
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- 62003 Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
- 62706 Maintenance Rule 12/13/00 (00-028)
- 62708 Motor-Operated Valve Capability 10/23/13 (13-026)
- 62709 Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
- 62710 Power-Operated Gate Valve Pressure Locking and Thermal Binding 04/30/10 (10-013)
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- 64704 Fire Protection Program 06/24/98 (98-010)
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6500 10 CFR Part 52 ITAAC Inspections

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- 65001.02 Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
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- 65001.05 Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
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- 65001.18 Inspection of Emergency Planning ITAAC 10/30/08 (08-030)
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6700	<u>Reserved</u>
6800	<u>Reserved</u>
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73757 Part 52 In-service Inspection - Data Review and Evaluation  
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7500 Reserved

7600 Reserved

7700 Reserved

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- 79504 RESERVED for Part 52 Plant systems Affecting Plant Water Chem.
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- 80211 RESERVED for Part 52 Environmental Protection - Initial & Periodic Inspection
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- 81200 Security 08/27/14 (14-019)
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- 81200.02 Access Control for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
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- 81200.05 Protective Strategy Evaluation and Performance Evaluation Program for Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
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