

NRC INSPECTION MANUAL

DIRS

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2700 Licensee Contractor and Vendor Inspection Program

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2800/032	Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)
2800/036	Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024)
2800/037	Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019)
2800/038	Inspection of the Implementation of Increased Controls for Licensees Authorized to Possess Risk Significant Radioactive Material 03/30/06 (06-008)
2800/039	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10 Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 04/09/09 (09-011)
2800/040	Material Control and Accounting at Nuclear Power Plants and Wet Storage Sites 03/07/11 (11-002)
2800/041	10 CFR Part 37 Materials Security Review at Facilities with a Title 10 Code of Federal Regulations Part 73 Physical Protection Program 07/01/15 (15-013)
2800/043	Inspection of Facilities Potentially Contaminated with Discrete Radium
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2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
2810	Master Materials License Oversight and Inspection Program

	10/11/12 (12-023)
2815	Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)
2882	Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)
2900	<u>Performance Appraisal Program</u>
2901	Team Inspections 08/24/01 (01-016)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)
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30800	Initial Management Meeting - Materials Licensees 10/01/76 (76-26)
3100	<u>Reserved</u>
3200	<u>Reserved</u>
3300	<u>Reserved</u>
3400	<u>Reserved</u>
3500	<u>Quality Assurance</u>
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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)
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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)
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35962	RESERVED for Part 52 QA Program Evaluation of Engineering Service Organization
3600	<u>Organization and Administration</u>
36100	Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 02/13/12 (12-002)
36100.01	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance During Construction 02/13/12 (12-002)
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36801	Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)
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37801	Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)
37803	RESERVED
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37805	Engineering Design Verification Inspections 04/25/11 (11-007)
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3900	<u>Records</u>
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40002	Inspections to Review Allegations 06/28/02 (02-024)
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40505	RESERVED for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems
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40801	Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)

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4200 Procedures

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- 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
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- 43006 Inspection of the Implementation of Mitigation Strategies Orders
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- 45052 Review of Geotechnical and Site Characterization Activities
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4600 Structural Concrete

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

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- 50002 Steam Generators 12/31/96 (96-024)
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- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)
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5100 Electrical Components and Systems

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5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)

5300 Containment Penetrations

5400 Cleanliness

5500 Welding

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

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

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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)
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5800 Special Processes

5900 Reserve Shutdown System

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- 60715 Spent Fuel Safety at Operating Reactors 10/30/15 (15-022)
- 60801 Spent Fuel Pool Safety at Permanently Shutdown Reactors
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- 60845 Operation of Intra-Unit Fuel Transfer Canister and Cask System
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- 60852 ISFSI Component Fabrication by Outside Fabricators 01/16/08 (08-003)
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- 60854 Preoperational Testing of an Independent Spent Fuel Storage Installation
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- 60854.1 Preoperational Testing of Independent Spent Fuel Storage
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- 60855 Operation of an Independent Spent Fuel Storage Installation
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- 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
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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
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- 60860 RESERVED for Nondestructive Examination Procedure Visual
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- 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
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Transportation ISFSI Components
- 60863 RESERVED for Nondestructive Examination Procedure Ultrasonic
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- 60864 RESERVED for Nondestructive Examination Procedure Radiographic
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- 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)
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- 61728 Independent Measurement of RCS Leak Rates for a PWR 01/01/84 (84-02)

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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)
- 62711 RESERVED for Operational Reliability Assurance Process
- 62712 Part 52, Maintenance Rule 08/13/13 (13-017)
- 62801 Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)

6300 Construction Testing

6400 Fire Prevention/Protection

- 64102 RESERVED for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities
- 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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65001.19	Inspection of Installation of ITAAC-Related Radiation Monitoring Components and Systems 10/20/08 (08-029)
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65001.21	Inspection of Pipe Rupture Hazard Analysis Design Acceptance Criteria (DAC) – Related ITAAC 11/07/11 (11-029)
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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)
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65001.D	Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011)
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6600 Reserved

6700 Reserved

6800 Reserved

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- 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)
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- 69011 Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)
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- 69021 Inspections of Quality Assurance Program Implementation During Construction of Non-Power Production and Utilization Facilities 09/12/17 (17-018)
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- 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 01/15/14 (14-001)
- 70368 Part 52 Containment Leak Rate Testing (Programmatic) 06/26/17 (17-013)
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 70702 Inspection of Preoperational Test Performance 12/06/17 (17-028)

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 71111.12 Maintenance Effectiveness 02/03/16 (16-005)
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72501	RESERVED for Part 52 Initial Fuel Load Procedure Review
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7500	<u>Reserved</u>
7600	<u>Reserved</u>
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