

# NRC INSPECTION MANUAL

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- 2800/037 Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019)
- 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 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)
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3200 Reserved

3300 Reserved

3400 Reserved

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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)
- 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)
- 36801 Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

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- 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
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- 37805 Engineering Design Verification Inspections 04/08/20 (20-020)

3800 Procurement

3900 Records

39701 Records Program 09/17/01 (01-017)

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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,  
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40801 Self-Assessment, Auditing, and Corrective Action at Permanently  
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4100 Training

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41501 Review of Training and Qualification Programs  
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41502 Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

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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)

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43003 Reactive Inspections of Nuclear Vendors 04/08/20 (20-020)  
43004 Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002)  
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43006 Inspection of the Implementation of Mitigation Strategies Orders Regarding  
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- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)
- 50056 RESERVED for Reactor Vessel Material Surveillance Program

5100 Electrical Components and Systems

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5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection  
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57070 Magnetic Particle Testing Examination 03/09/99 (99-003)  
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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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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  
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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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60855.1 Operation of an Independent Spent Fuel Storage Installation at  
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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)  
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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
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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)
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61726	Surveillance Observations 06/24/98 (98-010)
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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
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- 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 06/04/19 (19-018)

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)
- 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)
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- 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)
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6700	<u>Reserved</u>
6800	<u>Reserved</u>
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69002	Class III Research and Test Reactors 02/03/04 (04-004)
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69005	Class I Research and Test Reactor Experiments 02/03/04 (04-004)
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69008	Class I Research and Test Reactor Procedures 02/03/04 (04-004)
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- 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)
- 70369 RESERVED for Part 52 Containment Leak Rate Testing
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72501	RESERVED for Part 52 Initial Fuel Load Procedure Review
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73753	In-service Inspection 06/24/98 (98-010)
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73755	In-service Inspection - Data Review and Evaluation 10/27/10 (10-022)
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## 7400 Reserved

## 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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- 80522 Part 52, Radiological Environmental Monitoring Program (REMP) 07/01/08 (08-019)
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- 81000.10 Security Organization, Management Effectiveness, Program Reviews and Audits 09/07/12 (12-020)
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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)
- 81200.03 RESERVED for Decommissioning Force-on-Force Testing
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81200.07	Security Training for Decommissioning Nuclear Power Reactor 10/21/14 (14-025)
81200.08	RESERVED for Decommissioning Fitness for Duty Program
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