

NRC INSPECTION MANUAL

DIRS

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- 35960 QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
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70351	Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70352	Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)

70353	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70354	Nuclear Instrumentation System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70355	Compressed Gas System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70362	Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032)
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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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70371	Reserved for Part 52 Testing of Pipe Support and Restraint System
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70432	Control Rod System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70433	Chemical Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70434	Engineered Safety Features Act. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70435	Safety and Relief Valves Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70436	Residual / Decay Heat Removal System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70437	Main Stream Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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70439	Component Cooling Water System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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70443	Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70444	Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70445	Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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70447	Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)

70448	Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70449	Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70450	Loose Parts Monitoring System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70451	Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70452	Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70453	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70454	Nuclear Instrumentation System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70455	Compressed Gas System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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73054	Part 52, Pre-service and In-service Inspection - Review of Program 05/03/17 (17-009)
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73753	In-service Inspection 06/24/98 (98-010)
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7500 Reserved

7600 Reserved

7700 Reserved

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7900 Water Chemistry

79501 LWR Water Chemistry Control and Chemical Analysis – Audits 02/24/89
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79502 Plant Systems Affecting Plant Water Chemistry 12/31/91
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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)

8000 Environmental Protection

80211 Reserved for Part 52 Environmental Protection - Initial & Periodic
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80521 Radiological Environmental Monitoring (Preoperational and
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80522 Part 52, Radiological Environmental Monitoring Program (REMP)
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80600 Reserved for Independent Assessment of Site Radiological Conditions

80721 Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81000 Security 08/27/13 (13-018)

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81000.02 Access Control 09/07/12 (12-020)

81000.03 Performance Evaluation Program 09/07/12 (12-020)

81000.04 Equipment Performance, Testing and Maintenance 09/07/12 (12-020)

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81000.09 Cyber Security Inspection for Construction 09/30/16 (16-025)

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81019 Reserved for Part 52 Security Plan & Implementing Procedures

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81021 Reserved for Part 52 Management Effectiveness

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81038	Records and Reports 09/10/07 (07-027)
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81042	Testing and Maintenance 04/12/07 (07-013)
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81047	Reserved for Part 52 Locks, Keys & Combinations
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81053	Reserved for Part 52 Physical Barriers - Protected Areas
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81055	Reserved for Part 52 Physical Barriers - Vital Areas, Material Access Areas & Controlled Access Areas
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81059	Reserved for Part 52 Security System Power Supply
81062	Lighting 09/10/07 (07-027)
81063	Reserved for Part 52 Lighting
81064	Compensatory Measures 09/10/07 (07-027)
81065	Reserved for Part 52 Compensatory Measures
81066	Assessment Aids 09/10/07 (07-027)
81067	Reserved for Part 52 Assessment Aides
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81071	Reserved for Part 52 Access Control - Personnel
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81073	Access Control (Fuel Facility) - Packages, Material, and Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019)
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81075	Reserved for Part 52 Access Control - (Power Reactors) – Packages
81076	Reserved for Part 52 Access Control - Vehicles
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81079	Reserved for Part 52 Detection Aids - Protected Areas
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81081	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
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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

81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for Decommissioning Nuclear Power Reactors 10/21/14 (14-025)
81200.06	Protection of Safeguards Information for Decommissioning Nuclear Power Reactors 08/27/14 (14-019)
81200.07	Security Training for Decommissioning Nuclear Power Reactor 10/21/14 (14-025)
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81200.10	Reserved for Decommissioning Cyber Security
81200.11	Reserved for Decommissioning Material Control and Accounting
81200.14	Review of Decommissioning Target Sets 01/15/14 (14-001)
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81311	Physical Security Requirements for Independent Spent Fuel Storage Installations 08/25/17 (17-016)
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 Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)
81365	Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028)
81370	Specific Requirements for Physical Protection of Formula Quantities of Special 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 Material 11/04/85 (85-34)
81421	Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance 11/23/09 (09-028)
81431	Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance 10/24/12 (12-025)
81501	Personnel Training and Qualification - General Requirements 12/02/09 (09-029)
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81503	Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements
81504	Fitness for Duty Program for Construction 10/15/09 (09-024)
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81700	RESERVED for Materials Security
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81700.02	Category I Fuel Cycle Facility Access Control Measures 05/15/17 (17-010)

81700.04	Category I Fuel Cycle Facility Security Equipment Performance, Testing and Maintenance 05/15/17 (17-010)
81700.05	Category I Fuel Cycle Facility Physical Protection Program and Protective Strategy 05/15/17 (17-010)
81700.06	Licensee Conducted Force-on-Force Exercises at Category I Fuel Cycle Facilities 10/27/17 (17-023)
81700.07	Category I Fuel Cycle Facility Security Training 05/15/17 (17-010)
81700.08	Category I Fuel Cycle Facility Fitness-for-Duty Programs 05/15/17 (17-010)
81700.09	Security Measures for Licensed Facilities 10/26/15 (15-021)
81700.10	Protection of Safeguards Information at Category I Fuel Cycle Facilities 05/15/17 (17-010)
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81811	Protection of Safeguards Information By Design Certification Applicants and Vendors 09/06/16 (16-022)
81815	Authorization for Access to National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014)
81820	Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014)

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82002	Part 52, Emergency Preparedness Program 14/28/14 (14-026)
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82002.02	Procedure Quality 11/08/11 (11-030)
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)
82002.05	Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030)
82002.06	Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)
82002.07	Operational Status of the Emergency Preparedness Program 11/08/11 (11-030)
82002.08	RESERVED for Inspection Of Site Specific Implementation Of 10 Cfr 50.54(HH)(2) Phase 1, 2, And 3 Mitigating Strategies For Nuclear Power Plants Referencing The Ap1000 Certified Design
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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)
8300	<u>Radiation Protection</u>
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83311	Reserved for Part 52, Radiation Protection During Construction
83501	Significant Uncontrolled Radiation Exposures 04/17/00 (00-006)
83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006)
83502.02	Radioactive Material Process and Transportation 04/17/00 (00-006)
83502.03	Radiological Environmental Monitoring Program and Radioactive Material Control Program 04/17/00 (00-006)
83522	Radiation Protection, Plant Chemistry, Radwaste, and Environmental: Organization and Management Controls 12/31/91 (reactivated 08-032)
83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation and Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)
83524	External Occupational Exposure Control and Personal Dosimetry (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83525	Internal Exposure Control and Assessment (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
83526	Control of Radioactive Materials and Contamination, Surveys, and Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
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 12/21/16 (16-035)
83532	Reserved for Part 52 Radiation Protection, Plant Chemistry, and Radwaste Training
83533	Part 52 External Occupational Exposure Control and Personal Dosimetry 10/27/10 (10-022)
83534	Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022)
83535	Part 52, Control of Radioactive Materials and Contamination, Surveys, and Monitoring 10/27/10 (10-022)
83536	Part 52 Facilities and Equipment 10/27/10 (10-022)
83537	Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022)
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)
83724	External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006)
83725	Internal Exposure Control and Assessment 04/17/00 (00-006)
83726	Control of Radioactive Materials and Contamination, Surveys and Monitoring 11/13/14 (14-027)
83727	Facilities and Equipment (Basic) 09/17/01 (01-017)
83728	Maintaining Occupational Exposures ALARA 04/17/00 (00-006)
83729	Occupational Exposure during Extended Outages 12/31/91 (91-021)
83746	Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021)

- 83750 Occupational Radiation Exposure 06/06/02 (02-023)
- 83801 Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 07/26/16 (16-018)
- 83822 Radiation Protection 09/07/00 (00-016)
- 83890 Closeout Inspection and Survey 05/01/03 (03-013)

8400 Radioactive Waste Management

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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)
- 84523 Liquids and Liquid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
- 84524 Gaseous Waste System (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 07/01/08 (08-019)
- 84528 Part 52 Liquid Waste Management Program 10/19/16 (16-027)
- 84529 Part 52, Gaseous Waste Management Program 10/19/16 (16-027)
- 84750 Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006)
- 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)

8500 Material Control and Accountability

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- 85103 RESERVED for Material Control and Accounting - Decommissioning Power Reactors
- 85200 MC&A for Licensees Possessing Less Than or Equal to One Effective Kilogram of SNM 04/10/85 (85-15)
- 85203 Management Structure and Controls 08/10/16 (16-020)
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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 Training and Qualification 08/10/16 (16-020)
- 85305 Item Monitoring 11/15/16 (16-030)
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85311	Physical Inventory Program 11/15/10 (10-023)
85313	Alarm Resolution Program 11/15/16 (16-030)
85315	Internal Control 12/21/2010 (10-027)
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85402	Measurement Program 10/20/10 (10-021)
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85404	Physical Inventory Program for Low Enriched Uranium Fuel Facilities 11/15/10 (10-023)
85405	Item Control 09/09/10 (10-019)
85406	Resolution Program for Low Enriched Uranium Fuel Facilities 11/15/10 (10-023)
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85501	Physical Inventory Program for Uranium Enrichment Facilities 11/15/10 (10-023)
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