

# NRC INSPECTION MANUAL

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| 2522               | Construction Reactor Oversight Process Self-Assessment Program 07/28/14 (14-017)   |
| 2522, App A        | Construction Reactor Oversight Process Self-Assessment Metrics 10/03/17 (17-021)   |
| 2523               | NRC Application of the Reactor Operating Experience Program in NRC Oversight Processes 06/19/13 (13-014)   |
| 2530               | Integrated Design Inspection Program 04/24/85 (reactivated 10-006)   |
| 2535               | Design Verification Programs 03/24/89 (reactivated 10-006)   |
| 2545               | Research and Test Reactor Inspection Program 06/23/04 (04-018)   |
| 2550               | Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50: Construction Inspection Program (CIP) 12/14/15 (15-029)   |
| 2561               | Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)   |

2600 Fuel Cycle Facility Inspection Program

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| 2600        | Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 09/24/15 (15-018) |
| 2600, App A | Guidance for Conducting Fuel Cycle Inspections 09/24/15 (15-018)                           |
| 2600, App B | NRC Core Inspection Requirements, Tables 1 and 2 09/24/15 (15-018)                         |
| 2600, App C | Fuel Cycle Resident Inspection Program 09/24/15 (15-018)                                   |
| 2600, App D | Fuel Cycle Facility Inspection Planning 09/24/15 (15-018)                                  |

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| 2600/016  | Inspection of Activities Associated with NRC Generic Letter 2015-01<br>11/09/16 (16-029)   |
| 2601      | Reactive Inspection Decision Making Process for Fuel Facilities<br>09/20/16 (16-023)   |
| 2602      | Decommissioning Oversight and Inspection Program for Fuel<br>Cycle Facilities and Materials Licensees 07/29/08 (08-021)  |
| 2603      | Reserved for Fuel Cycle Facility Construction Inspection Program<br>Assessment   |
| 2604      | Licensee Performance Review 09/20/16 (16-023)  |
| 2606      | Assessment of the Change in Risk Resulting From a Violation at a Fuel<br>Cycle Facility 04/01/16 (16-010)  |
| 2606, E-2 | Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022)   |
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| 2630      | Mixed Oxide Fuel Fabrication Facility Construction Inspection Program<br>09/20/16 (16-023)   |
| 2635      | Reserved for Uranium Enrichment Facility Construction and Pre-<br>Operational Readiness Review Inspection Programs   |
| 2641      | In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)  |
| 2681      | Physical Protection and Transport of SNM and Irradiated Fuel<br>Inspections of Fuel Facilities 10/27/17 (17-023)   |
| 2681/009  | Inspection Guidance and Requirements for Physical Protection of the<br>Transfer, Loading and Shipment of Irradiated Special Nuclear Material<br>from General Atomics Facility, San Diego, California to U.S. Department<br>of Energy, Idaho National Laboratory, Scoville, Idaho 08/12/10 (10-017) |
| 2682      | Technical Assistance for Safeguards MC&A Inspections at<br>Fuel Facilities 06/18/84 (84-18)  |
| 2683      | MC&A Safeguards Inspection of Fuel Facilities 05/09/14 (14-011)  |
| 2690      | Inspection Program for Dry Storage of Spent Reactor Fuel at Independent<br>Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation<br>Packagings 03/09/12 (12-004)  |
| 2694      | Fuel Cycle Facility Construction and Pre-operational Readiness Review<br>Inspection Programs 08/30/17 (17-017)   |
| 2696      | Louisiana Energy Services Gas Centrifuge Facility Construction and Pre-<br>Operational Readiness Review Inspection Programs 10/19/06 (06-028)  |
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| 2800      | <u>Materials Inspection Program</u>  |
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| 2800/030  | Verification of the Status of Devices Authorized For Use<br>Under a General License 05/30/00 (00-011)  |
| 2800/032  | Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)   |
| 2800/036  | Inspection of Manufacturing and Distribution Licensees<br>09/13/04 (04-024)  |
| 2800/037  | Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019)  |

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| 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) |
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| 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-226 Sources 01/06/17 (17-001)  |
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| 2810     | Master Materials License Oversight and Inspection Program 10/11/12 (12-023)   |
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| 2882     | Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)   |
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| 2920     | Construction Appraisal Team Inspection Program 03/29/85 (85-11)   |
| 3000     | <u>Management Meetings</u>  |
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| 30703    | Management Meetings - Entrance and Exit Interviews 01/01/82 (reactivated 08-008)  |
| 30800    | Initial Management Meeting - Materials Licensees 10/01/76 (76-26)   |
| 3100     | <u>Reserved</u>   |
| 3200     | <u>Reserved</u>   |
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- 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)
- 35060 Licensee Management of QA Activities 04/01/83 (reactivated 07-032)
- 35061 In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034)
- 35065 Procurement, Receiving, and Storage 04/01/83 (Reactivated 07-032)
- 35101 QA Program Implementation Inspection for Operational Programs 07/08/16 (16-015)
- 35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028)
- 35701 Quality Assurance Program Review 09/17/01 (01-017)
- 35710 Reserved for Quality Assurance Inspection of Digital Computer Software
- 35750 QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032)
- 35960 QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
- 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 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)
- 36301 Operational Staffing 07/01/77 (reactivated 08-032)
- 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

- 37002 Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005)
- 37051 Verification of As-Builts 12/04/87 (reactivated 07-032)
- 37055 Onsite Design Activities 04/01/83 (reactivated 07-032)
- 37060 Inspections under the 10CFR Part 50.69 Special Program  
09/14/11 (11-016)
- 37301 Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008)
- 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 Procurement

3900 Records

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

4000 Review and Audit

- 40001 Resolution of Employee Concerns 06/03/97 (97-006)
- 40002 Inspections to Review Allegations 06/28/02 (02-024)
- 40100 Independent Safety Culture Assessment Follow-up 04/09/15 (15-005)
- 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  
Shutdown Reactors 08/11/97 (97-012)

4100 Training

- 41301 Pre-Licensing Review of Training and Qualification Programs 02/18/87  
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- 41500 Training and Qualification Effectiveness 06/13/95 (95-007)
- 41501 Review of Training and Qualification Programs  
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- 41502 Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

4200 Procedures

- 42001 Emergency Operating Procedures 06/28/91 (91-009)
- 42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004)
- 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 Vendor Procedures

- 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 Reserved

4500 Geotechnical/Foundation

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- 45051.A Geotechnical/Foundation Activities Procedure Review 03/23/84 (reactivated 08-004)
- 45052 Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)
- 45053 Geotechnical/Foundation Activities Work Observation 03/23/84 (reactivated 07-034)
- 45055 Geotechnical/Foundation Activities Record Review 03/23/84 (reactivated 07-034)

4600 Structural Concrete

- 46051 Structural Concrete Procedure Review 07/01/83 (reactivated 07-034)
- 46053 Structural Concrete Work Observation 07/01/83 (reactivated 07-034)
- 46055 Structural Concrete Record Review 07/01/83 (reactivated 07-034)
- 46061 Structural Masonry Construction 12/17/86 (reactivated 07-034)
- 46071 Concrete Expansion Anchors 12/17/86 (reactivated 07-034)

4700 Containment (Post-Tensioning)



4800 Structural Steel and Supports

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- 48053 Structural Steel and Supports Work Observation 12/17/86  
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- 48055 Structural Steel and Supports Record Review 07/01/83  
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4900 Piping

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- 49051 Reactor Coolant Pressure Boundary Piping QA Review 08/16/82  
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- 49053 Reactor Coolant Pressure Boundary Piping – Work Observation 11/19/85  
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- 49055 Reactor Coolant Pressure Boundary Piping Record Review 08/16/82  
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- 49061 Safety-Related Piping 10/01/82 (reactivated 07-034)
- 49063 Piping – Work Observation 11/19/85 (reactivated 07-034)
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5000 Mechanical Components and Equipment

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- 50002 Steam Generators 12/31/96 (96-024)
- 50003 Pressurizer Replacement Inspection 09/12/17 (17-018)
- 50051 Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034)
- 50053 Reactor Vessel and Internals Work Observation 08/16/82  
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- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)
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- 50054 Reserved for Reactor Vessel Material Surveillance Program
- 50071 (Safety-Related Components – Procedure Review 04/01/83  
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- 50073 Mechanical Components – Work Observation 11/19/85  
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- 50075 Safety Related Components – Records Review 04/01/83  
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- 50095 Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)
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5100 Electrical Components and Systems

- 51051 Electrical Components and Systems – Procedure Review 03/30/84 (reactivated 07-034)
- 51053 Electrical Components and systems - Work Observation 08/06/03 (03-028)
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- 51061 Electrical Cable - Procedure Review 08/06/03 (03-028)
- 51063 Electric Cable – Work Observation 11/19/85 (reactivated 07-034)
- 51065 Electric Cable – Record Review 03/30/84 (reactivated 07-034)
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5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection 10/31/08 (08-031)
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5300 Containment Penetrations

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| 57070   | Magnetic Particle Testing Examination 03/09/99 (99-003)   |
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- 60861 Reserved for Nondestructive Examination Procedure Liquid Penetrant Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
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- 62003 Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
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6500 10 CFR Part 52 ITAAC Inspections

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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  
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7000 Preoperational Testing

- 70300 Preoperational Test Procedure Test Review 10/01/83  
(reactivated 08-032)
- 70301 Overall Preoperational Test Program Review Requirements 10/01/83  
(reactivated 08-032)
- 70302 Preoperational Test Program Implementation 10/01/83  
(reactivated 08-032)
- 70304 Engineered Safety Features Test - Preoperational Test Procedure  
Review 08/06/03 (03-028)
- 70305 Reactor Protection System Test Preoperational Test Procedure Review  
Preoperational Testing Procedure Verification 01/01/79  
(reactivated 08-032)
- 70306 Loss of Offsite Power Test - Preoperational Test  
Procedure Review 01/01/79 (reactivated 09-003)
- 70307 Containment Integrated Leak Rate Test - Procedure  
Review 03/07/86 (86-13)
- 70308 Preoperational Hot Functional Testing - PWR Procedure Review)  
10/01/83 (reactivated 08-032)
- 70311 Preoperational Testing Procedure Verification 10/01/83  
(reactivated 08-032)
- 70312 Preoperational Test Witnessing 10/01/83 (reactivated 08-032)
- 70313 Containment Integrated Leak Rate Test 11/12/85 (85-36)
- 70314 HFT Witnessing 10/01/81 (reactivated 08-032)
- 70315 Engineered Safety Features Test Preoperational Test Witnessing)  
01/01/79 (reactivated 08-032)
- 70316 Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79  
(reactivated 08-032)
- 70317 Reactor Protection System Test Preoperational Test Witnessing 01/01/79  
(reactivated 08-032)
- 70323 Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)
- 70324 Preoperational Test Results Evaluation - Integrated Hot Functional Test  
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| 70325 | Preoperational Test Results Evaluation - Reactor Protection System<br>01/01/79 (reactivated 08-032)                     |
| 70326 | Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79<br>(reactivated 08-032)                         |
| 70329 | Preoperational Test Result Evaluation Verification 10/01/83<br>(reactivated 08-032)                                     |
| 70331 | Vibration Test- Preoperational Test Procedure Review 01/01/79<br>(reactivated 09-003)                                   |
| 70332 | Control Rod System Test - Preoperational Test Procedure Review<br>01/01/79 (reactivated 09-003)                         |
| 70333 | Chemical Control System Test - Preoperation Test Procedure<br>Review 01/01/79 (reactivated 09-003)                      |
| 70334 | Engineered Safety Features Act. System Test - Preoperational<br>Test Procedure Review 01/01/79 (reactivated 09-003)     |
| 70335 | Safety and Relief Valve Test - Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                    |
| 70336 | Residual / Decay Heat Removal System Test - Preoperational Test<br>Review 01/01/79 (reactivated 09-003)                 |
| 70337 | Main Stream Isolation Valve Test - Preoperational Test Procedure<br>Review) 01/01/79 (reactivated 09-003)               |
| 70338 | Auxilliary Feedwater System Test -Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                 |
| 70339 | Component Cooling Water System Test - Preoperational; Test<br>Procedure Review 01/01/79 (reactivated 09-003)            |
| 70340 | D.C. Power System Test - Preoperational Test Procedure Review<br>01/01/79 (reactivated 09-003)                          |
| 70341 | Emergency/Standby Power Supply System Test - Preoperational<br>Teat Procedure Review 01/01/79 (reactivated 09-003)      |
| 70342 | Containment Combustable Gas Control System Test -<br>Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70344 | Containment Isolation Vales Test - Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                |
| 70345 | Containment Heat/Cool/Vent. System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)         |
| 70346 | Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)         |
| 70347 | Pressurizer and Level Control System Test- Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)        |
| 70348 | Main Feedwater Control System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)              |
| 70349 | Reactor Coolant Leak Detection System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)      |
| 70350 | Loose Parts Monitoring System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)              |
| 70351 | Integrated Reactor Control System Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)          |
| 70352 | Remote Reactor Shutdown Test - Preoperational Test Procedure<br>Review 01/01/79 (reactivated 09-003)                    |



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| 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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| 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)                |
| 70438 | Auxiliary Feedwater System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)                 |
| 70439 | Component Cooling Water System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)             |
| 70440 | D.C. Power System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)                          |
| 70441 | Emergency / Standby Power Supply System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)    |
| 70442 | Containment Combustible Gas Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003) |
| 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)         |
| 70446 | Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/22/09 (09-003)                 |
| 70447 | Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)       |

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| 70448 | Main Feedwater Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)         |
| 70449 | Reactor Coolant Leak Detection System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003) |
| 70450 | Loose Parts Monitoring System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)         |
| 70451 | Integrated Reactor Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)     |
| 70452 | Remote Reactor Shutdown Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)               |
| 70453 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)  |
| 70454 | Nuclear Instrumentation System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)        |
| 70455 | Compressed Gas System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                 |
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| 71130.13  | Reserved for Security Inspections Conducted by Resident Inspectors  |
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| 72401 | Part 52, Inspection of Startup Test Program 06/24/14 (14-014)   |
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7300 In-service Inspection

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| 73753 | In-service Inspection 06/24/98 (98-010)  |
| 73754 | Part 52 - Preservice Inspection - Non-Destructive Examination<br>12/12/13 (13-028)   |
| 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<br>02/07/14 (14-005)  |
| 73758 | Part 52, Functional Design and Qualification, and Preservice and<br>Inservice Testing Programs for Pumps, Valves and Dynamic Restraints<br>04/19/13 (13-011) |

7400 Reserved

7500 Reserved

7600 Reserved

7700 Reserved

7800 High Level Waste

78010 10 CFR Part 21 Program 09/11/08 (08-026)

7900 Water Chemistry

79501 LWR Water Chemistry Control and Chemical Analysis – Audits 02/24/89  
(reactivated 08-032)

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  
Inspection

80521 Radiological Environmental Monitoring (Preoperational and  
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80522 Part 52, Radiological Environmental Monitoring Program (REMP)  
07/01/08 (08-019)

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)

81000.01 Access Authorization 09/07/12 (12-020)

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)

81000.05 Protective Strategy Evaluation 01/03/13 (13-001)

81000.07 Security Training 09/07/12 (12-020)

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 12/19/13 (13-029)

81018 Physical Security Plan and Implementing Procedures  
05/24/07 (07-17)

81019 Reserved for Part 52 Security Plan & Implementing Procedures

81020 Management Effectiveness - Security Program 06/13/07 (07-019)

81021 Reserved for Part 52 Management Effectiveness

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| 81022    | Security Organization 06/13/07 (07-019)  |
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| 81035    | Reserved for Part 52 Security Audit Program  |
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| 81042    | Testing and Maintenance 04/12/07 (07-013)  |
| 81043    | Reserved for Part 52 Testing & Maintenance   |
| 81046    | Locks, Keys, and Combinations 09/10/07 (07-027)  |
| 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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| 81058    | Security System Power Supply 09/10/07 (07-027)   |
| 81059    | Reserved for Part 52 Security System Power Supply  |
| 81062    | Lighting 09/10/07 (07-027)   |
| 81063    | Reserved for Part 52 Lighting  |
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| 81065    | Reserved for Part 52 Compensatory Measures   |
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| 81067    | Reserved for Part 52 Assessment Aides  |
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| 81071    | Reserved for Part 52 Access Control - Personnel  |
| 81072    | Access Control (Power Reactor) - Packages 05/09/84 (84-15)   |
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| 81074    | Access Control - Vehicles 12/22/08 (08-037)  |
| 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  |
| 81080    | Detection Aids – MAA and CAA 12/22/08 (08-037)   |
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| 81085    | Reserved for Part 52 Alarm Stations  |
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| 81089    | Reserved for Part 52 Communications  |
| 81120    | Inspection Requirements and Guidance for Additional Security Measures<br>for the Physical Protection in Transit for Radioactive Material Quantities of<br>Concern 04/01/10 (10-010)<br>(Note this IP contains safeguards material) |
| 81200    | Security 08/27/14 (14-019)   |
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| 81200.02 | Access Control for Decommissioning Nuclear Power Reactors<br>08/27/14 (14-019)   |
| 81200.03 | Reserved for Decommissioning Force-on-Force Testing  |

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| 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)        |
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| 81365    | Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028) |
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| 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)                            |
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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)   |
| 81601    | Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)   |
| 81602    | Reserved for Part 52 Safeguards Contingency Plan - Implementation Review  |
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| 81700.01 | Category I Fuel Cycle Facility Strategic Special Nuclear Material Security Controls 05/15/17 (17-010)                                 |
| 81700.02 | Category I Fuel Cycle Facility Access Control Measures 05/15/17 (17-010)  |

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| 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)   |
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| 81700.10 | Protection of Safeguards Information at Category I Fuel Cycle Facilities 05/15/17 (17-010)   |
| 81700.11 | Annual Observation of Licensee Conducted Force-on-Force Exercises at Category I Fuel Cycle Facilities 10/27/17 (17-023)                  |
| 81810    | Protection of Safeguards Information 09/10/07 (07-027)   |
| 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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| 82001    | Evaluation of Emergency Preparedness 05/22/00 (00-010)  |
| 82002    | Part 52, Emergency Preparedness Program 14/28/14 (14-026)   |
| 82002.01 | Facilities and Equipment 11/08/11 (11-030)  |
| 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 |
| 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)  |
| 82501    | Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020)   |



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| 82701    | Operational Status of the Emergency Preparedness Program<br>04/24/13 (13-012)   |
| 8300     | <u>Radiation Protection</u>   |
| 83100    | Occupational Exposure During SAFSTOR and DECON<br>12/30/91 (91-022)   |
| 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<br>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<br>Radioactive Material Control Program 04/17/00 (00-006)                                       |
| 83522    | Radiation Protection, Plant Chemistry, Radwaste, and Environmental:<br>Organization and Management Controls 12/31/91 (reactivated 08-032)         |
| 83523    | Radiation Protection, Plant Chemistry, Radwaste, Transportation and<br>Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)   |
| 83524    | External Occupational Exposure Control and Personal Dosimetry<br>(Preoperational and Supplemental) 01/01/84 (reactivated 08-032)                  |
| 83525    | Internal Exposure Control and Assessment (Preoperational and<br>Supplemental) 01/01/84 (reactivated 08-032)                                       |
| 83526    | Control of Radioactive Materials and Contamination, Surveys, and<br>Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated<br>08-032) |
| 83527    | Facilities and Equipment (Preoperational and Supplemental) 01/01/84<br>(reactivated 08-032)   |
| 83529    | Reserved for Part 52 Radiation Protection – Startup   |
| 83531    | Part 52 Life Cycle Minimization of Contamination and Groundwater<br>Protection Program 12/21/16 (16-035)  |
| 83532    | Reserved for Part 52 Radiation Protection, Plant Chemistry, and<br>Radwaste Training  |
| 83533    | Part 52 External Occupational Exposure Control and Personal Dosimetry<br>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,<br>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<br>Management Controls (Minimum/Basic) 09/17/01 (01-017)                    |
| 83723    | General Employee, Radiation Safety, Plant Chemistry,<br>Radwaste, and Transportation Training 12/16/03 (03-041)                                   |
| 83724    | External Occupational Exposure Control and Personal<br>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<br>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

- 84100 Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)
- 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

- 85102 Material Control and Accounting - Reactors 03/29/85 (85-10)
- 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)
- 85205 Facility Operations and Internal Controls 08/10/16 (16-020)
- 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)
- 85307 Process Monitoring 11/15/16 (16-030)
- 85309 Measurement Systems and Control 10/20/10 (10-021)

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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)   |
| 85401 | Management Structure 11/15/16 (16-030)   |
| 85402 | Measurement Program 10/20/10 (10-021)  |
| 85403 | Measurement Control Program 10/20/10 (10-021)  |
| 85404 | Physical Inventory Program for Low Enriched Uranium Fuel Facilities<br>11/15/10 (10-023) |
| 85405 | Item Control 09/09/10 (10-019)   |
| 85406 | Resolution Program for Low Enriched Uranium Fuel Facilities<br>11/15/10 (10-023)         |
| 85407 | Assessment Program 11/29/10 (10-024)   |
| 85408 | Recordkeeping 11/29/10 (10-024)  |
| 85420 | Inspection of IAEA Safeguards for Inspectors at Power<br>Reactors 06/22/88 (88-07)       |
| 85501 | Physical Inventory Program for Uranium Enrichment Facilities<br>11/15/10 (10-023)        |
| 85502 | Detection Program for Uranium Enrichment Facilities 12/21/10 (10-027)                    |
| 85503 | Resolution Program for Uranium Enrichment Facilities<br>11/15/10 (10-023)                |

#### 8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

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| 86730 | Transportation of Radioactive Materials (49 CFR Parts 100-<br>179 and 10 CFR Part 71) 04/17/00 (00-006) |
| 86740 | Inspection of Transportation Activities 10/30/08 (08-030)   |
| 86750 | Solid Radioactive Waste Management and Transportation of Radioactive<br>Materials 03/15/94 (94-006)     |

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| 87102 | Maintaining Effluents from Materials Facilities As Low As Is Reasonably<br>Achievable (ALRA) 04/04/00 (00-005) |
| 87103 | Inspection of Material Licensees Involved in an Incident or<br>Bankruptcy Filing 11/03/00 (00-023)             |
| 87104 | Decommissioning Inspection Procedure for Materials Licensees<br>07/29/02 (02-029)                              |
| 87121 | Industrial Radiography Programs 12/17/14 (14-030)  |
| 87122 | Irradiator Programs 12/31/02 (02-047)  |
| 87123 | Well Logging Programs 11/25/03 (03-037)  |
| 87124 | Fixed and Portable Gauge Programs 11/25/03 (03-037)  |
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| 87126 | Industrial/Academic/Research Programs 09/28/05 (05-027)  |
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| 87131 | Nuclear Medicine Programs, Written Directive Required<br>08/24/11 (11-014)  |
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| 87133 | Medical Gamma Stereotactic Radiosurgery and Teletherapy<br>Programs 08/24/11 (11-014)   |
| 87134 | Medical Broad-Scope Programs 08/24/11 (11-014)  |
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| 87136 | Manufacturing and Distribution (M&D) Security Program<br>10/30/08 (08-030)  |
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| 87138 | RESERVED for 10 CFR Part 37, "Physical Protection Of Category 1 And<br>Category 2 Quantities Of Radioactive Material At Facilities With A 10 CFR<br>Part 73 Physical Protection Program |
| 87250 | Locating Missing Materials Licensees 10/29/01 (01-022)  |
| 87654 | Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct<br>Material Site Decommissioning Inspection 03/19/02 (02-010)   |

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| 88003 | Reactive Inspection for Events at Fuel Cycle Facilities<br>03/16/15 (15-004)                                    |
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| 88020 | Operational Safety 01/23/14 (14-003)  |
| 88025 | Maintenance and Surveillance Testing 01/23/14 (14-003)  |
| 88030 | Radiation Protection 03/06/14 (14-007)  |
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| 88050 | Emergency Preparedness 03/06/14 (14-007)  |
| 88051 | Evaluation of Exercises and Drills 03/06/14 (14-007)  |
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| 88104 | Decommissioning Inspection Procedure for Fuel Cycle Facilities<br>07/03/02 (02-026)                             |
| 88106 | Quality Assurance: Program Development and Implementation<br>(Pre-licensing and Construction) 02/07/07 (07-006) |
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| 88108    | Quality Assurance: Control of Materials, Equipment, and Services (Pre-licensing and Construction) 02/07/07 (07-006)                         |
| 88109    | Quality Assurance: Inspection, Test Control, and Control of Measuring and Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020) |
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| 88111    | 10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)   |
| 88112    | Reserved for Software Validation  |
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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)               |
| 88115    | Supplier/Vendor Inspection (Construction Phase) 10/25/06 (06-030)   |
| 88117    | Facility Changes (License Application) and Change Process (10 CFR 70.72) (Pre-Licensing and Construction) 09/20/16 (16-023)                 |
| 88120    | Reserved Draft Construction and Operational Readiness Inspections for the Internal Isotopes Uranium Deconversion Facility                   |
| 88121    | Reserved Draft Operational Readiness Reviews for Uranium Deconversion Facilities  |
| 88130    | Resident Inspection Program for On-Site Construction Activities at the Mixed Oxide Fuel Fabrication Facility 03/02/16 (16-009)              |
| 88131    | Geotechnical/Foundation Activities 10/25/06 (06-030)  |
| 88132    | Structural Concrete Activities 10/25/06 (06-030)  |
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| 88134    | Quality Assurance: Piping Relied on for Safety 05/18/05 (05-013)  |
| 88135    | Resident Inspection Program for Category I Fuel Cycle Facilities 02/07/14 (14-005)  |
| 88135.02 | Resident Inspection Program Plant Status Activities 05/21/15 (15-010)   |
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| 88136    | Mechanical Components 7/25/07 (07-023)  |
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| 88140    | Instrumentation and Controls Systems 04/01/10 (10-010)  |
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| 88151    | Reserved for Facility Changes and Change Process (10 CFR70.72)  |
| 88152    | Reserved for Physical Protection Equipment and Barriers   |
| 88153    | Reserved for Material Control and Accounting  |
| 88154    | Reserved for Fire Safety and Protection Systems   |
| 88155    | Reserved for Functional Verifications of IROFS  |
| 88156    | Reserved for Integrated Safety Analysis Implementation  |
| 88157    | Reserved for Waste Management Equipment and Systems   |
| 88158    | Reserved for Environmental Protection - Initial and Periodic Inspections  |
| 88159    | Reserved for Process Enclosures and Vessels   |

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| 88160 | Reserved for Utilities and Bulk Chemicals   |
| 88161 | Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities 07/28/14 (14-017)   |
| 8900  | <u>Fuel Facility and Materials Special Program</u>  |
| 89001 | In-Situ Leach (ISL) Facilities 09/02/97 (97-013)  |
| 9000  | <u>Reportable Matters and Report Reviews</u>  |
| 90001 | Construction Regulatory Response Column Inspections 10/27/10 (10-022)   |
| 90002 | Construction Degraded Performance Column Inspections 10/28/14 (14-026)  |
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| 90502 | Reserved for Part 52 Reportable Matters - Test Program  |
| 90700 | Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008)  |
| 90712 | In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)   |
| 90713 | In Office Review of Periodic and Special Reports 09/17/01 (01-017)  |
| 90714 | Non-routine Reporting Program 09/17/01 (01-017)   |
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| 92050 | Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005)   |
| 92700 | Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)   |
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| 92702 | Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001) |
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| 92711 | Continued Implementation of Strike Plans During an Extended Strike 03/14/14 (14-008)  |
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| 92714 | Reserved for Part 52 Follow-up  |
| 92717 | IE Bulletins for Information and IE Information Notice Followup 09/25/85 (reactivated 10-020)   |
| 92720 | Corrective Action 09/28/98 (reactivated 07-034)   |

- 92721 Reserved for Part 52 Follow-up on Corrective Actions for Violations and Deviations
- 92722 Follow up Inspection for Any Severity Level I or II Traditional Enforcement Violation or for Two or More Severity Level III Traditional Enforcement Violations in a 12-Month Period 08/11/09 (09-020)
- 92723 Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area is a 12-Month Period 08/11/09 (09-020)
- 92901 Follow-up - Plant Operations 09/17/01 (01-017)
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- 92903 Follow-up - Engineering 09/17/01 (01-017)
- 92904 Follow-up - Plant Support 09/17/01 (01-017)

9300 Non-Routine Activities

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- 93100 Safety-Conscious Work Environment Issue of Concern Follow-up 04/09/15 (15-005)
- 93702 Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017)
- 93800 Augmented Inspection Team 11/15/17 (17-025)
- 93801 Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
- 93802 Operational Safety Team Inspection (OSTI) 11/27/89 (89-015)
- 93803 Safety Systems Outage Modifications Inspection 04/27/89 (89-008)
- 93804 Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001)
- 93805 Maintenance Program 08/06/93 (93-070)
- 93806 Operational Readiness Assessment Team Inspections 09/29/98 (98-015)
- 93807 Systems Based Instrumentation and Control Inspection 01/29/93 (93-001)
- 93810 Service Water System Operational Performance Inspection (SWSOPI) 09/14/98 (98-013)
- 93811 Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002)
- 93812 Special Inspection 11/15/17 (17-025)
- 93813 Reserved for Part 52 Operational Readiness Assessment Team Inspection
- 93814 Independent Design Verification Program 11/15/10 (10-023)
- 93815 Part 52, Operational Programs Implementation Inspection 12/23/11 (11-043)

9400 Technical Activities of an Administrative Nature

- 94300 Status of Plant Readiness for an Operating Licensee 02/14/86 (Reactivated 07-034)
- 94301 Reserved for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load

9500 Strategic Determination Actions

- 95001 Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area 08/24/16 (16-021)
- 95002 Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area 02/09/11 (11-001)
- 95003 Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs or One Red Input 12/18/15 (15-031)
- 95003.01 Emergency Preparedness 01/15/09 (09-002)
- 95003.02 Guidance for Conducting an Independent NRC Safety Culture Assessment) 04/03/14 (14-009)

9600 Materials Safety and Security

- 96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 12/22/14 (12-031)

9700 Reserved

9800 Reserved

9900 Guidance<sup>2</sup>

- 9900 Technical Guidance 05/12/86 (86-26)

**PART**  
**GUIDANCE**

Technical Guidance

- ASME Section III American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
- ASME Section III American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
- ASME Section XI American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)

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



|                   |  |
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| ASME Section XI   | American Society of Mechanical Engineers ASME, Section XI<br>05/12/86 (86-26)            |
| STS Sec 1.0       | Operability 05/12/86 (86-26)   |
| STS Sec 1.0       | Definitions 12/08/86 (86-54)   |
| STS Sec 3.0       | Acceptable Measurement Tolerances for Technical<br>Specification Limits 10/01/78 (78-35) |
| STS Sec 3/4.6.4   | Containment and Drywell Isolation Valves 06/09/88 (88-06)                                |
| STS Sec 3.7.5     | Ultimate Heat Sink 11/25/88 (88-17)  |
| 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<br>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<br>05/12/86 (86-26)             |
| STS               | Surveillance Sections - Locked or Otherwise Secured<br>Components 10/01/77 (77-25)       |
| STS Interp        | Licensee Technical Specification Interpretations 02/03/97 (97-001)                       |

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|  | Assessing On-Line Leak Sealing of ASME Code Class 1 & 2<br>07/15/97 (97-011)  |
|  | Filled Organic Coatings Used in Maintenance of Safety Related<br>Equipment 10/11/94 (94-018)                                    |
|  | Preconditioning of Structures, Systems, and Components (SSCs)<br>Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]  |

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|  | Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014) |
|  | Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033)  |

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Ice Condenser System Inspections 06/06/05 (05-015)

### Operations

Notice of Enforcement Discretion for Gaseous Diffusion Plants  
05/03/99 (99-008) [NOEDGAS.TG]

Operation - Safety and Compliance 09/11/07 (07-028)  
[TG 9900 SAFETY]

### **PART**

#### **10 CFR GUIDANCE**

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| 10                            | Title 10 of the Code of Federal Regulations 12/08/86 (86-54)                              |
| 10 CFR71 and<br>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<br>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<br>12/08/86 (86-54)                  |
| 70.51                         | Material Balance, Inventory, and Records Requirements<br>12/19/74 (74-11)                 |
| 70.52                         | Report of Accidental Criticality or Loss of Special Nuclear Material<br>11/15/74 (74-010) |

### Interpretations

END