

# NRC INSPECTION MANUAL

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| 2515/194<br>Rev. 1 | Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01) 08/18/20 (20-039)        |
| 2516               | Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)                                                                                                                            |
| 2518               | RESERVED for Construction Inspection Program: Advanced Reactors, Pre-Construction Permit (CP)                                                                                                                |
| 2519               | Construction Significance Determination Process 10/26/20 (20-055)                                                                                                                                            |
| 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 01/15/21 (21-005)                                                                                                     |
| 2545               | Research and Test Reactor Inspection Program 03/13/20 (20-015)                                                                                                                                               |
| 2550               | Non-Power Protection Facilities (NPUFs) Licensed Under 10 CFR Part 50: Construction Inspection Program (CIP) 05/01/18 (18-009)                                                                               |
| 2561               | Decommissioning Power Reactor Inspection Program 01/06/21 (21-002)                                                                                                                                           |
| 2565               | Regional Inspection Activities for Naval Reactors Naval Vessels Undergoing Decommissioning 08/28/20 (20-040)                                                                                                 |

## 2600 Fuel Cycle Facility Inspection Program

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|-------------|---------------------------------------------------------------------------------------------------------------------------|
| 2600        | Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 12/14/20 (20-071)                                |
| 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 02/18/21 (21-009)                                                        |
| 2600, App C | Fuel Cycle Resident Inspection Program 10/09/19 (19-033)                                                                  |
| 2600, App D | Fuel Cycle Facility Inspection Planning 06/12/18 (18-015)                                                                 |
| 2600 App E  | Inspection Program Modifications During Pandemics, Epidemics, or Other Widespread Illnesses or Diseases 12/15/20 (20-072) |
| 2600/016    | Inspection of Activities Associated with NRC Generic Letter 2015-01 11/09/16 (16-029)                                     |
| 2601        | Reactive Inspection Decision Making Process for Fuel Facilities 09/20/16 (16-023)                                         |
| 2602        | Decommissioning Oversight and Inspection Program for Fuel                                                                 |

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| 2603              | Cycle Facilities and Materials Licensees 07/29/08 (08-021)<br>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 Cycle<br>Facility 04/01/16 (16-010)                                                                                                                                                                                          |
| 2606, E-2         | Evaluation Based on Specific Licensee ISAs 09/26/12 (12-022)                                                                                                                                                                                                                                       |
| 2620              | On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill<br>Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act)<br>10/05/01 (01-020)                                                                                                                              |
| 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)                                                                                                                                                                                                                                      |
| 2650              | Fuel Cycle Inspection Assessment Program 11/08/18 (18-038)                                                                                                                                                                                                                                         |
| 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 from<br>General Atomics Facility, San Diego, California to U.S. Department of Energy,<br>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 12/07/20 (20-069)                                                                                                                                                                                                                                    |
| 2690              | Inspection Program for Storage of Spent Reactor Fuel and Reactor-Related<br>Greater-Than-Class C Waste at Independent Spent Fuel Storage Installations<br>and for 10 CFR Part 71 Transportation Packagings 12/15/20 (20-072)                                                                       |
| 2690/011<br>Rev 1 | Review of Aging Management Programs at Independent Spent Fuel<br>Installations 02/20/20 (20-010)                                                                                                                                                                                                   |
| 2691              | Technical Basis for the Independent Spent Fuel Storage Installation Inspection<br>Program 12/07/20 (20-069)                                                                                                                                                                                        |
| 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)                                                                                                                                                      |
| 2700              | <u>Licensee Contractor and Vendor Inspection Program</u>                                                                                                                                                                                                                                           |
| 2800              | <u>Materials Inspection Program</u>                                                                                                                                                                                                                                                                |
| 2800              | Materials Inspection Program 03/02/20 (20-012)                                                                                                                                                                                                                                                     |
| 2800/036          | Inspection of Manufacturing and Distribution Licensees<br>09/13/04 (04-024)                                                                                                                                                                                                                        |
| 2800/041          | 10 CFR Part 37 Materials Security Review at Facilities with a Title 10 Code of<br>Federal Regulations Part 73 Physical Protection Program<br>07/01/15 (15-013)                                                                                                                                     |
| 2800/043<br>Rev 4 | Inspection of Facilities Potentially Contaminated with Discrete Radium<br>226 Sources 12/22/20 (20-076)                                                                                                                                                                                            |

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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) |
| 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)                                                 |
| 3000  | <u>Management Meetings</u>                                                                                      |
| 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>                                                                                        |
| 35007 | Quality Assurance Program Implementation During Construction and Pre-Construction Activities 12/08/16 (16-032)  |
| 35017 | Quality Assurance Implementation Inspection 12/10/20 (20-070)                                                   |
| 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)

3700 Design, Design Changes, Modifications

- 37060 Inspections under the 10CFR Part 50.69 Special Program 07/28/20 (20-035)
- 37700 Design Changes, and Modifications 09/17/01 (01-017)
- 37801 Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 09/09/20 (20-041)
- 37803 RESERVED
- 37804 Aircraft Impact Assessment Inspection 03/23/20 (20-017)
- 37805 Engineering Design Verification Inspections 04/08/20 (20-020)

3800 Procurement

3900 Records

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

4000 Review and Audit

- 40002 Inspections to Review Allegations 06/28/02 (02-024)
- 40100 Independent Safety Culture Assessment Follow-up 07/26/18 (18-022)
- 40505 RESERVED for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems
- 40600 Licensee Program for Managing Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure 05/29/20 (20-025)
- 40801 Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)

4100 Training

- 41500 Training and Qualification Effectiveness 06/13/95 (95-007)
- 41501 Review of Training and Qualification Programs 06/04/19 (19-018)
- 41502 Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

4200 Procedures

|       |                                                                                                                                             |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 42001 | Emergency Operating Procedures 06/28/91 (91-009)                                                                                            |
| 42401 | Part 52, Plant Procedures 10/27/10 (10-022)                                                                                                 |
| 42453 | Part 52, Operating Procedures Inspection 08/19/08 (08-024)                                                                                  |
| 42454 | Part 52, Emergency Operating Procedures 09/09/13 (13-020)                                                                                   |
| 42700 | Plant Procedures 11/15/95 (95-015)                                                                                                          |
| 4300  | <u>Vendor Procedures</u>                                                                                                                    |
| 43002 | Routine Inspections of Nuclear Vendors 01/27/17 (17-002)                                                                                    |
| 43003 | Reactive Inspections of Nuclear Vendors 04/08/20 (20-020)                                                                                   |
| 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 Regulation Regarding The Use of National Safer Response Centers 10/16/20 (20-051) |
| 4400  | <u>Reserved</u>                                                                                                                             |
| 4500  | <u>Geotechnical/Foundation</u>                                                                                                              |
| 45052 | Review of Geotechnical and Site Characterization Activities 10/03/07 (07-030)                                                               |
| 4600  | <u>Structural Concrete</u>                                                                                                                  |
| 4700  | <u>Containment (Post-Tensioning)</u>                                                                                                        |
| 4800  | <u>Structural Steel and Supports</u>                                                                                                        |
| 4900  | <u>Piping</u>                                                                                                                               |
| 5000  | <u>Mechanical Components and Equipment</u>                                                                                                  |
| 50001 | Steam Generator Replacement Inspection 09/12/17 (17-018)                                                                                    |
| 50002 | Steam Generators 12/31/96 (96-024)                                                                                                          |
| 50003 | Pressurizer Replacement Inspection 09/12/17 (17-018)                                                                                        |
| 50054 | Reactor Vessel Material Surveillance Program 12/04/08 (08-034)                                                                              |
| 50056 | RESERVED for Reactor Vessel Material Surveillance Program                                                                                   |
| 5100  | <u>Electrical Components and Systems</u>                                                                                                    |

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| 51080 | Part 52, Environmental Qualifications (EQ) Program for Electrical and Mechanical Equipment 06/26/17 (17-013)                    |
| 5200  | <u>Instrumentation Systems and Components</u>                                                                                   |
| 52003 | Digital Instrumentation and Control Modification Inspection 07/09/21 (21-023)                                                   |
| 5300  | <u>Containment Penetrations</u>                                                                                                 |
| 5400  | <u>Cleanliness</u>                                                                                                              |
| 5500  | <u>Welding</u>                                                                                                                  |
| 55050 | Nuclear Welding General Inspection Procedure 06/20/83 (83-06)                                                                   |
| 55100 | Structural Welding General Inspection Procedure 06/20/83 (83-06)                                                                |
| 5600  | <u>Calibration</u>                                                                                                              |
| 56700 | Calibration 03/23/05 (05-008)                                                                                                   |
| 5700  | <u>Nondestructive Examination, Destructive Examination and Fabrication Testing</u>                                              |
| 57050 | Visual Testing Examination 03/09/99 (99-003)                                                                                    |
| 57060 | Liquid Penetrant Testing Examination 03/09/99 (99-003)                                                                          |
| 57070 | Magnetic Particle Testing Examination 03/09/99 (99-003)                                                                         |
| 57080 | Ultrasonic Testing Examination 03/09/99 (99-003)                                                                                |
| 57090 | Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005) |
| 5800  | <u>Special Processes</u>                                                                                                        |
| 5900  | <u>Reserve Shutdown System</u>                                                                                                  |
| 6000  | <u>Fuel Fabrication, Handling and Storage</u>                                                                                   |
| 60705 | Preparation for Refueling 07/27/95 (95-009)                                                                                     |
| 60710 | Refueling Activities 07/27/95 (95-009)                                                                                          |
| 60715 | Spent Fuel Safety at Operating Reactors 09/16/20 (20-043)                                                                       |
| 60801 | Spent Fuel Pool Maintenance, Surveillance, and Safety at Permanently Shutdown Reactors 09/09/20 (20-041)                        |
| 60845 | Operation of Intra-Unit Fuel Transfer Canister and Cask System 05/16/19 (19-015)                                                |

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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<br>Independent Spent Fuel Storage Installation 09/11/20 (20-042)                                                |
| 60854 | Preoperational Testing of an Independent Spent Fuel Storage Installation<br>10/20/20 (20-052)                                                                            |
| 60855 | Operation of an Independent Spent Fuel Storage Installation<br>01/16/08 (08-003)                                                                                         |
| 60856 | Review of 10 CFR 72.212(b) Evaluations 10/20/20 (20-052)                                                                                                                 |
| 60857 | Review of 10 CFR 72.48 Evaluations 10/20/20 (20-052)                                                                                                                     |
| 60858 | Away-From-Reactor ISFSI Inspection Guidance 11/12/20 (20-062)                                                                                                            |
| 60859 | RESERVED for Initial Review of Aging Management Programs at Independent<br>Spent Fuel Storage Installations                                                              |
| 60860 | RESERVED for Welding Verification Checklist for Transportation and ISFSI<br>Components                                                                                   |
| 60861 | RESERVED for Nondestructive Examination Procedure Visual Examination<br>Procedure Review/Work Observation/Record Review of Transportation and<br>ISFSI Components        |
| 60862 | RESERVED for Nondestructive Examination Procedure Liquid Penetrant<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components  |
| 60863 | RESERVED for Nondestructive Examination Procedure Magnetic Particle<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components |
| 60864 | RESERVED for Nondestructive Examination Procedure Ultrasonic<br>Examination Procedure Review/Work Observation/Record Review                                              |
| 60865 | RESERVED for Nondestructive Examination Procedure Radiographic<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation and ISFSI Components  |
| 6100  | <u>Surveillance</u>                                                                                                                                                      |
| 61705 | Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)                                                                                                          |
| 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<br>Determinations 10/11/85 (85-31)                                                                                      |
| 61709 | Total Power Coefficient of Reactivity at Pressurized<br>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)                                                                                                                     |
| 61726 | Surveillance Observations 06/24/98 (98-010)                                                                                                                              |
| 61728 | Independent Measurement of RCS Leak Rates for a PWR<br>01/01/84 (84-02)                                                                                                  |
| 6200  | <u>Maintenance</u>                                                                                                                                                       |
| 62002 | Inspection of Structures, Passive Components, and Civil                                                                                                                  |



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| 62003     | Engineering Features at Nuclear Power Plants 12/31/96 (96-024)<br>Inspection of Steel and Concrete Containments at Nuclear<br>Power Plants 06/11/97 (97-008) |
| 62706     | Maintenance Rule 12/13/00 (00-028)                                                                                                                           |
| 62708     | Motor-Operated Valve Capability 07/16/20 (20-033)                                                                                                            |
| 62709     | Configuration Risk Assessment and Risk Management Process<br>12/28/00 (00-029)                                                                               |
| 62710     | Power-Operated Gate Valve Pressure Locking and Thermal Binding<br>04/30/10 (10-013)                                                                          |
| 62711     | RESERVED for Operational Reliability Assurance Process                                                                                                       |
| 62712     | Part 52, Maintenance Rule 08/13/13 (13-017)                                                                                                                  |
| 6300      | <u>Construction Testing</u>                                                                                                                                  |
| 6400      | <u>Fire Prevention/Protection</u>                                                                                                                            |
| 64102     | RESERVED for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil<br>Collection Capabilities                                                          |
| 64704     | Fire Protection Program at Permanently Shutdown Reactors<br>11/05/20 (20-059)                                                                                |
| 64705     | Part 52, Fire Protection Operational Program 06/04/19 (19-018)                                                                                               |
| 6500      | <u>10 CFR Part 52 ITAAC Inspections</u>                                                                                                                      |
| 65001     | Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC)<br>Related Work 08/13/13 (13-017)                                               |
| 65001.01  | Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)                                                                                        |
| 65001.02  | Inspection of ITAAC-Related Installation of Structural Concrete<br>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<br>08/13/14 (14-018)                                                                |
| 65001.05  | Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and<br>Internals 08/19/08 (08/19/08)                                                     |
| 65001.06  | Inspection of ITAAC-Related Installation of Mechanical Components<br>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<br>08/19/08 (08-024)                                                             |
| 65001.09  | Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable<br>08/05/09 (09-019)                                                              |
| 65001.10  | Inspection of ITAAC-Related Installation of Instrument Components and<br>Systems 10/20/08 (08-029)                                                           |
| 65001.11  | Construction Inspection Program Inspection of ITAAC-Related Containment<br>Integrity and Containment Penetration 08/19/08 (08-024)                           |
| 65001.11A | Containment Structural Integrity Test 12/20/19 (19-041)                                                                                                      |

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| 65001.12        | Inspection of ITAAC-Related Installation of Heating, Ventilating, and Air Conditioning Systems 07/29/08 (08-021)                            |
| 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) |
| 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)                                        |
| 65001.A         | ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)                                                                                  |
| 65001.B         | Inspection of the ITAAC-Related Welding Program 11/04/19 (19-034)                                                                           |
| 65001.C         | Inspection of the ITAAC-Related Construction Test Program 04/18/14 (14-010)                                                                 |
| 65001.D         | Inspection of the ITAAC-Related Operational Testing Program 05/09/14 (14-011)                                                               |
| 65001.E         | Inspection of the ITAAC-Related Qualification Program 06/20/14 (14-013)                                                                     |
| 65001.F         | Inspection of the ITAAC-Related Design and Fabrication Requirements 09/20/13 (13-022)                                                       |
| 6600            | <u>Reserved</u>                                                                                                                             |
| 6700            | <u>Reserved</u>                                                                                                                             |
| 6800            | <u>Reserved</u>                                                                                                                             |
| 6900            | <u>Non-Power Reactor Inspection</u>                                                                                                         |
| 69001           | Class II Research and Test Reactors 02/03/04 (04-004)                                                                                       |
| 69002           | Class III Research and Test Reactors 02/03/04 (04-004)                                                                                      |
| 69003           | Class I Research and Test Reactor Operator Licenses, Requalification, and Medical Examinations 02/03/04 (04-004)                            |
| 69004           | Class I Research and Test Reactor Effluent and Environmental                                                                                |

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|       | Monitoring 02/03/04 (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)                                                                                |
| 69010 | Class I Research and Test Reactor Surveillance 02/03/04 (04-004)                                                                                 |
| 69011 | Class I Research and Test Reactor Emergency Preparedness 02/03/04 (04-004)                                                                       |
| 69012 | Class I Research and Test Reactors Radiation Protection 02/03/04 (04-004)                                                                        |
| 69013 | Research and Test Reactor Decommissioning 02/03/04 (04-004)                                                                                      |
| 69020 | Inspections of Safety-Related Items (and Services) During Construction 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 Production and Utilization Facilities 10/09/19 (19-033)                    |

#### 7000 Preoperational Testing

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|-------|---------------------------------------------------------------------------|
| 70307 | Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13) |
| 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 10/20/20 (20-052)              |
| 70368 | Part 52 Containment Leak Rate Testing (Programmatic) 06/26/17 (17-013)    |
| 70369 | RESERVED for Part 52 Containment Leak Rate Testing                        |
| 70371 | RESERVED for Part 52 Testing of Pipe Support and Restraint System         |
| 70701 | RESERVED                                                                  |
| 70702 | Inspection of Preoperational Test Performance 12/06/17 (17-028)           |

#### 7100 Operations (License & TS Requirements)

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|----------|-------------------------------------------------------------------------------------------|
| 71002    | License Renewal Inspection 06/30/20 (20-028)                                              |
| 71003    | Post-Approval Site Inspection for License Renewal 07/08/16 (16-015)                       |
| 71004    | Power Uprate 05/15/17 (17-010)                                                            |
| 71007    | Reactor Vessel Head Replacement Inspection 10/03/17 (17-020)                              |
| 71111    | Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 10/28/11 (11-025) |
| 71111.01 | Adverse Weather Protection 12/20/19 (19-041)                                              |
| 71111.04 | Equipment Alignment 03/29/21 (21-015)                                                     |
| 71111.05 | Fire Protection 10/06/20 (20-047)                                                         |
| 71111.06 | Flood Protection Measures 07/09/21 (21-023)                                               |
| 71111.07 | Heat Sink Performance 10/21/20 (20-053)                                                   |

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| 71111.08     | In-service Inspection Activities 12/14/18 (18-043)                                                                     |
| 71111.11     | Licensed Operator Requalification Program 12/14/18 (18-043)                                                            |
| 71111.12     | Maintenance Effectiveness 03/31/21(21-016)                                                                             |
| 71111.13     | Maintenance Risk Assessments and Emergent Work Control<br>10/05/20 (20-046)                                            |
| 71111.15     | Operability Determinations and Functionality Assessments<br>10/05/20 (20-046)                                          |
| 71111.17T    | Evaluations of Changes, Tests, and Experiments 12/08/16 (16-032)                                                       |
| 71111.18     | Plant Modifications 03/31/21(21-016)                                                                                   |
| 71111.19     | Post Maintenance Testing 10/06/20 (20-047)                                                                             |
| 71111.20     | Refueling and Other Outage Activities 04/28/2021 (21-020)                                                              |
| 71111.21M    | Design Bases Assurance Inspection (Teams) 12/08/16 (16-032)                                                            |
| 71111.21N    | Design Bases Assurance Inspection (Programs) 02/05/19 (19-005)                                                         |
| 71111.21N.02 | Design Basis Capability of power Operated Valves Under 10 CFR 50.55a<br>Requirements 07/26/19 (19-024)                 |
| 71111.21N.05 | Fire Protection Team Inspection (FPTI) 06/12/19 (19-019)                                                               |
| 71111.22     | Surveillance Testing 03/29/21 (21-015)                                                                                 |
| 71113        | RESERVED for Review of License Renewal Commitments for Plants in Timely<br>Renewal                                     |
| 71114        | Reactor Safety-Emergency Preparedness 04/02/21 (21-018)                                                                |
| 71114.01     | Exercise Evaluation 07/21/16 (16-017)                                                                                  |
| 71114.02     | Alert and Notification System Evaluation 07/21/16 (16-017)                                                             |
| 71114.03     | Emergency Response Organization Staffing and Augmentation System<br>07/21/16 (16-017)                                  |
| 71114.04     | Emergency Action Level and Emergency Plan Changes<br>07/21/16 (16-017)                                                 |
| 71114.05     | Maintenance of Emergency Preparedness 07/21/16 (16-017))                                                               |
| 71114.06     | Drill Evaluation 07/21/16 (16-017)                                                                                     |
| 71114.07     | Exercise Evaluation-Hostile Action (HA) Event 07/21/16 (16-017)                                                        |
| 71114.08     | Exercise Evaluation-Scenario Review 07/21/16 (16-017)                                                                  |
| 71124        | Radiation Safety - Public and Occupational 12/21/17 (17-031)                                                           |
| 71124.01     | Radiological Hazard Assessment and Exposure Controls<br>12/23/19 (19-042)                                              |
| 71124.02     | Occupational ALARA Planning and Controls 12/23/19 (19-042)                                                             |
| 71124.03     | In-Plant Airborne Radioactivity Control and Mitigation 12/23/19 (19-042)                                               |
| 71124.04     | Occupational Dose Assessment 12/23/19 (19-042)                                                                         |
| 71124.05     | Radiation Monitoring Instrumentation 03/04/20 (20-014)                                                                 |
| 71124.06     | Radioactive Gaseous and Liquid Effluent Treatment 03/04/20 (20-014)                                                    |
| 71124.07     | Public Radiation Safety 03/04/20 (20-014)                                                                              |
| 71124.08     | Radioactive Solid Waste Processing and Radioactive Material Handling,<br>Storage, and Transportation 03/04/20 (20-014) |
| 71130        | Security 07/23/20 (20-034)                                                                                             |
| 71130.01     | Access Authorization 09/30/16 (16-024)                                                                                 |
| 71130.02     | Access Control 09/30/16 (16-024)                                                                                       |
| 71130.03     | Contingency Response - Force-On-Force Testing 02/08/21 (21-008)                                                        |
| 71130.04     | Equipment Performance, Testing and Maintenance 09/30/16 (16-024)                                                       |
| 71130.05     | Protective Strategy Evaluation and Performance Evaluation Program<br>12/10/18 (18-042)                                 |
| 71130.06     | Protection of Safeguards Information 09/30/16 (16-024)                                                                 |
| 71130.07     | Security Training 09/30/16 (16-024)                                                                                    |
| 71130.08     | Fitness for Duty Program 10/22/18 (18-035)                                                                             |

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| 71130.10 | Cyber Security 09/03/21 (21-029)                                               |
| 71130.11 | Material Control & Accounting (MC&A) 01/07/20 (20-003)                         |
| 71130.12 | RESERVED for Physical Protection of Shipments of Irradiated Fuel               |
| 71130.13 | RESERVED for Security Inspections Conducted by Resident Inspectors             |
| 71130.14 | Review of Power Reactor Target Sets 09/12/17 (17-018)                          |
| 71150    | Discrepant or Unreported Performance Indicator Data 04/30/19 (19-013)          |
| 71151    | Performance Indicator Verification 04/06/20 (20-019)                           |
| 71152    | Problem Identification and Resolution 02/26/15 (15-003)                        |
| 71153    | Follow-up of Events and Notices of Enforcement Discretion<br>09/16/20 (20-043) |
| 71303    | Part 52, Technical Specifications Review 07/08/20 (20-031)                     |
| 71715    | Sustained Control Room and Plant Observation 04/14/92 (92-004)                 |
| 71801    | Decommissioning Performance and Status Reviews 09/30/20 (20-045)               |
| 71841    | Human Performance 12/12/00 (00-027)                                            |

## 7200 Startup Testing

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|-------|--------------------------------------------------------------------------------------------------------------------|
| 72303 | Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and<br>Test Results Evaluation 09/05/06 (06-021) |
| 72304 | AP1000 Startup Test Inspections 02/28/19 (19-009)                                                                  |
| 72401 | Part 52, Inspection of Startup Test Program 12/07/20 (20-069)                                                      |
| 72501 | RESERVED for Part 52 Initial Fuel Load Procedure Review                                                            |
| 72525 | RESERVED for Part 52 Initial Fuel Load Witnessing                                                                  |

## 7300 In-service Inspection

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|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 73052 | In-service Inspection - Review of Procedures 01/14/86 (86-03)                                                                                                |
| 73054 | Part 52, Pre-service and In-service Inspection - Review of Program 03/04/20<br>(20-013)                                                                      |
| 73753 | In-service Inspection 06/24/98 (98-010)                                                                                                                      |
| 73754 | Part 52 - Preservice Inspection - Non-Destructive Examination<br>09/23/19 (19-029)                                                                           |
| 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>09/23/19 (19-029)                                                                              |
| 73758 | Part 52, Functional Design and Qualification, and Preservice and Inservice<br>Testing Programs for Pumps, Valves and Dynamic Restraints<br>02/06/20 (20-007) |

## 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

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  
80522 Part 52, Radiological Environmental Monitoring Program (REMP) 05/07/20 (20-024)  
80600 RESERVED for Independent Assessment of Site Radiological Conditions  
80721 Radiological Environmental Monitoring 09/17/01(01-017)

8100 Physical Security

81000 Security 01/29/19 (19-004)  
81000.01 Access Authorization 04/01/19 (19-011)  
81000.02 Access Control 04/01/19 (19-011)  
81000.03 Performance Evaluation Program 09/07/12 (12-020)  
81000.04 Equipment Performance, Testing and Maintenance 07/01/19 (19-020)  
81000.05 Protective Strategy Evaluation 09/24/19 (19-030)  
81000.06 Protection of Safeguards Information 02/13/19 (19-007)  
81000.07 Security Training 09/24/19 (19-030)  
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 01/29/19 (19-004)  
81072 Access Control (Power Reactor) - Packages 05/09/84 (84-15)  
81120 Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of Concern 04/01/10 (10-010) (Note this IP contains safeguards material)  
81200 Security 07/28/20 (20-035)  
81200.01 Access Authorization for Decommissioning Nuclear Power Reactors 05/07/20 (20-024)

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| 81200.02 | Access Control for Decommissioning Nuclear Power Reactors<br>10/16/20 (20-051)                                                           |
| 81200.03 | RESERVED for Decommissioning Force-on-Force Testing                                                                                      |
| 81200.04 | Equipment Performance, Testing, and Maintenance for Decommissioning<br>Nuclear Power Reactors 01/05/21 (21-001)                          |
| 81200.05 | Protective Strategy Evaluation and Performance Evaluation Program for<br>Decommissioning Nuclear Power Reactors 01/05/21 (21-001)        |
| 81200.06 | Protection of Safeguards Information for Decommissioning Nuclear Power<br>Reactors 01/05/21 (21-001)                                     |
| 81200.07 | Security Training for Decommissioning Nuclear Power Reactor<br>04/01/21 (21-017)                                                         |
| 81200.08 | RESERVED for Decommissioning Fitness for Duty Program                                                                                    |
| 81200.09 | Security Plan Changes for Decommissioning Power Reactors<br>02/18/21 (21-009)                                                            |
| 81200.10 | RESERVED for Decommissioning Cyber Security                                                                                              |
| 81200.11 | RESERVED for Decommissioning Material Control and Accounting                                                                             |
| 81200.14 | Review of Decommissioning Target Sets 01/05/21 (21-001)                                                                                  |
| 81310    | Physical Protection of Shipments of Irradiated Fuel<br>12/22/08 (08-037)                                                                 |
| 81311    | Physical Security Requirements for Independent Spent Fuel Storage<br>Installations 10/06/20 (20-048)                                     |
| 81335    | Physical Protection of Shipments of Special Nuclear Material of Moderate<br>Strategic Significance (SNM-MSS) 12/02/09 (09-029)           |
| 81340    | Physical Protection of Shipments of Special Nuclear Material of Low Strategic<br>Significance (SNM-LSS) 11/23/09 (09-028)                |
| 81360    | General Requirements for Physical Protection of Formula<br>Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)           |
| 81365    | Records, Reports, and Planning for Physical Protection of Formula Quantities<br>of Special Nuclear Material in Transit 11/23/09 (09-028) |
| 81370    | Specific Requirements for Physical Protection of Formula Quantities of Special<br>Nuclear Materials in Transit 12/22/08 (08-037)         |
| 81402    | Reports of Safeguards Events 11/23/09 (09-028)                                                                                           |
| 81421    | Fixed Site Physical Protection of Special Nuclear Material of Moderate<br>Strategic Significance 11/23/09 (09-028)                       |
| 81431    | Fixed Site Physical Protection of Special Nuclear<br>Material of Low Strategic Significance 10/24/12 (12-025)                            |
| 81501    | Personnel Training and Qualification - General Requirements<br>12/02/09 (09-029)                                                         |
| 81504    | Fitness for Duty Program for Construction 10/15/09 (09-024)                                                                              |
| 81505    | Protection of Safeguards Information for Construction<br>02/13/19 (19-007)                                                               |
| 81601    | Fixed Site Physical Protection of Formula Quantities of Strategic Special<br>Nuclear Material – Non-Power Reactors 03/13/20 (20-015)     |
| 81602    | Fixed Site Physical Protection of Special Nuclear Material of Moderate<br>Strategic Significance – Non-Power Reactors 03/13/20 (20-015)  |
| 81603    | Fixed Site Physical Protection of Special Nuclear Material of Low<br>Strategic Significance – Non-Power Reactors 03/13/20 (20-015)       |
| 81606    | Material Control and Accounting – Non-Power Reactors 03/13/20 (20-015)                                                                   |
| 81607    | Protection of Safeguards Information and Safeguards Information Modified<br>Handling – Non-Power Reactors 03/13/20 (20-015)              |
| 81608    | Reporting of Safeguards Events – Non-Power Reactors 03/13/20 (20-015)                                                                    |

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| 81612    | In Transit Physical Protection of Special Nuclear Material of Moderate Strategic Significance and Receipt of New Reactor Fuel – Non-Power Reactors 03/13/20 (20-015)                   |
| 81613    | In Transit Physical Protection of Special Nuclear Material of Low Strategic Significance and Receipt of New Reactor Fuel – Non-Power Reactors 03/13/20 (20-015)                        |
| 81614    | In Transit Physical Protection of Irradiated Reactor Fuel – Non-Power Reactors 03/13/20 (20-015)                                                                                       |
| 81621    | Fixed Site Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material – Non-Power Reactors 03/13/20 (20-015)                                                  |
| 81622    | In Transit Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material and 100 Grams or Less of Irradiated Reactor Fuel – Non-Power Reactors 03/13/20 (20-015) |
| 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)                                                                                                               |
| 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 03/02/20 (20-012)                                                                                                                            |
| 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 04/08/20 (20-020)                                                                                  |
| 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)                                               |

## 8200 Emergency Planning

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|----------|------------------------------------------------------------------------------------------|
| 82001    | Evaluation of Emergency Preparedness 05/22/00 (00-010)                                   |
| 82002    | Part 52, Emergency Preparedness Program 03/04/20 (20-014)                                |
| 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)                                       |



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| 82002.05 | Emergency Response Organization On-Shift Staffing and Augmentation Drills<br>11/08/11 (11-030)                                                                                   |
| 82002.06 | Emergency Response Organization, Dose Assessment Drills<br>11/08/11 (11-030)                                                                                                     |
| 82002.07 | Operational Status of the Emergency Preparedness Program<br>11/08/11 (11-030)                                                                                                    |
| 82002.08 | Inspection of Site Specific Implementation of 10 CFR 50.54(hh)(2) Mitigating<br>Strategies for Nuclear Power Plants Referencing the AP1000 Certified Design<br>09/17/18 (18-031) |
| 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<br>04/24/13 (13-012)                                                                                              |
| 82401    | Decommissioning Emergency Preparedness Scenario Review and Exercise<br>Evaluation 09/04/14 (14-020)                                                                              |
| 82501    | Decommissioning Emergency Preparedness Program Evaluation<br>09/04/14 (14-020)                                                                                                   |
| 82701    | Operational Status of the Emergency Preparedness Program<br>04/24/13 (13-012)                                                                                                    |

## 8300 Radiation Protection

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| 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)                                        |
| 83523    | Radiation Protection, Plant Chemistry, Radwaste, Transportation and<br>Environmental: Training and Qualifications 01/01/84<br>(reactivated 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 Protection<br>Program 03/04/20 (20-013)                                           |
| 83532    | RESERVED for Part 52 Radiation Protection, Plant Chemistry, and Radwaste<br>Training                                                               |
| 83533    | Part 52 External Occupational Exposure Control and Personal Dosimetry<br>03/04/20 (20-013)                                                         |
| 83534    | Part 52, Internal Exposure Control and Assessment 03/04/20 (20-013)                                                                                |
| 83535    | Part 52, Control of Radioactive Materials and Contamination, Surveys, and<br>Monitoring 03/04/20 (20-013)                                          |
| 83536    | Part 52 Facilities and Equipment 03/04/20 (20-013)                                                                                                 |
| 83537    | Part 52 Maintaining Occupational Exposures ALARA 03/04/20 (20-013)                                                                                 |

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| 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)                                |
| 83728 | Maintaining Occupational Exposures ALARA 04/17/00 (00-006)                                                                  |
| 83729 | Occupational Exposure during Extended Outages 12/31/91 (91-021)                                                             |
| 83746 | Part 52 Offsite Dose Calculation Manual (ODCM) 05/07/20 (20-024)                                                            |
| 83750 | Occupational Radiation Exposure at Permanently Shutdown Reactors 11/05/20 (20-059)                                          |
| 83801 | Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 01/06/21 (21-002)                                 |
| 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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|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)                                                                       |
| 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 04/30/20 (20-022)                                                                                           |
| 84528 | Part 52 Liquid Waste Management Program 04/30/20 (20-022)                                                                                          |
| 84529 | Part 52, Gaseous Waste Management Program 05/07/20(20-024)                                                                                         |
| 84750 | Radioactive Waste Treatment, and Effluent and Environmental Monitoring 11/05/20 (20-059)                                                           |
| 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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|-------|----------------------------------------------------------------------------------------------------|
| 85102 | Material Control and Accounting - Reactors 03/29/85 (85-10)                                        |
| 85103 | Material Control and Accounting at Decommissioning Power Reactors 07/03/18 (18-019)                |
| 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)                                        |

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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<br>Training and Qualification 12/17/20 (20-074) |
| 85305 | Item Monitoring 12/16/20 (20-073)                                                                                  |
| 85307 | Process Monitoring 12/16/20 (20-073)                                                                               |
| 85309 | Measurement Systems and Control 11/06/20 (20-060)                                                                  |
| 85311 | Physical Inventory Program 11/06/20 (20-060)                                                                       |
| 85313 | Alarm Resolution Program 11/06/20 (20-060)                                                                         |
| 85315 | Internal Control 12/16/20 (20-073)                                                                                 |
| 85401 | Management Structure 11/06/20 (20-060)                                                                             |
| 85402 | Measurement Program 12/22/20 (20-075)                                                                              |
| 85403 | Measurement Control Program 12/22/20 (20-075)                                                                      |
| 85404 | Physical Inventory Program for Low Enriched Uranium Fuel Facilities<br>01/13/21 (21-004)                           |
| 85405 | Item Control 01/13/21 (21-004)                                                                                     |
| 85406 | Resolution Program for Low Enriched Uranium Fuel Facilities<br>01/13/21 (21-004)                                   |
| 85407 | Assessment Program 12/17/20 (20-074)                                                                               |
| 85408 | Recordkeeping 12/17/20 (20-074)                                                                                    |
| 85420 | Inspection of IAEA Safeguards for Inspectors at Power<br>Reactors 06/22/88 (88-007)                                |
| 85501 | Physical Inventory Program for Uranium Enrichment Facilities<br>12/20/20 (20-075)                                  |
| 85502 | Detection Program for Uranium Enrichment Facilities 12/22/20 (20-075)                                              |
| 85503 | Resolution Program for Uranium Enrichment Facilities<br>01/13/21 (21-004)                                          |

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

|       |                                                                                                         |
|-------|---------------------------------------------------------------------------------------------------------|
| 86001 | Design, Fabrication, Testing, and Maintenance of<br>Transportation Packagings 01/16/08 (08-003)         |
| 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 12/14/20 (20-071)                                               |
| 86750 | Solid Radioactive Waste Management and Transportation of Radioactive<br>Materials 10/27/20 (20-056)     |

#### 8700 Materials Safety Inspection

|       |                                                                                                                |
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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>10/09/19 (19-033)                              |
| 87121 | Industrial Radiography Programs 12/17/14 (14-030)                                                              |

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| 87122 | Irradiator Programs 12/31/02 (02-047)                                                                                                                                                   |
| 87123 | Well Logging Programs 07/02/19 (19-021)                                                                                                                                                 |
| 87124 | Fixed and Portable Gauge Programs 11/25/03 (03-037)                                                                                                                                     |
| 87125 | Materials Processor/Manufacturer Programs 09/28/05 (05-027)                                                                                                                             |
| 87126 | Industrial/Academic/Research Programs 09/28/05 (05-027)                                                                                                                                 |
| 87127 | Radiopharmacy Programs 07/01/08 (08-018)                                                                                                                                                |
| 87128 | Manufacturing and Distribution of Exempt Products 08/07/19 (19-026)                                                                                                                     |
| 87129 | Master Materials Program 09/15/03 (03-034)                                                                                                                                              |
| 87130 | Nuclear Medicine Programs, Written Directive Not Required<br>10/24/02 (02-041)                                                                                                          |
| 87131 | Nuclear Medicine Programs, Written Directive Required<br>08/24/11 (11-014)                                                                                                              |
| 87132 | Brachytherapy Programs 02/26/15 (15-003)                                                                                                                                                |
| 87133 | Medical Gamma Stereotactic Radiosurgery and Teletherapy<br>Programs 08/24/11 (11-014)                                                                                                   |
| 87134 | Medical Broad-Scope Programs 08/24/11 (11-014)                                                                                                                                          |
| 87137 | 10 CFR Part 37 Materials Security Programs 12/03/20 (20-068)                                                                                                                            |
| 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 |
| 87139 | RESERVED for Portable Gauge Programs                                                                                                                                                    |
| 87140 | RESERVED for Source, Special Nuclear Material and Other Alpha Emitter<br>Use Programs                                                                                                   |
| 87141 | RESERVED for Limited Scope Academic and R&D Programs Including<br>Animal Use                                                                                                            |
| 87142 | RESERVED for Sealed Sources and Devices (Other) (Those Used in<br>Measuring Systems, Analytical Instruments, Calibration and Checking of<br>Instruments, and Similar Purposes)          |
| 87143 | RESERVED for Self-Shielded Irradiator and Calibrator Devices                                                                                                                            |
| 87144 | RESERVED for Veterinary Use Programs                                                                                                                                                    |
| 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)                                                             |

#### 8800 Fuel Facility Inspection

|       |                                                                              |
|-------|------------------------------------------------------------------------------|
| 88001 | On-Site Construction 04/15/94 (94-011)                                       |
| 88003 | Reactive Inspection for Events at Fuel Cycle Facilities<br>03/16/15 (15-004) |
| 88004 | RESERVED for Adverse Weather Protection                                      |
| 88005 | Management Organization and Controls 09/05/06 (06-020)                       |
| 88010 | Training 02/07/14 (14-005)                                                   |
| 88015 | Nuclear Criticality Safety 10/20/20 (20-052)                                 |
| 88020 | Operational Safety 12/14/20 (20-071)                                         |
| 88025 | Maintenance and Surveillance Testing 01/23/14 (14-003)                       |
| 88030 | Radiation Protection 01/29/21 (21-007)                                       |
| 88035 | Radioactive Waste Management 02/07/14 (14-005)                               |
| 88045 | Effluent Control and Environmental Protection 03/12/21 (21-013)              |
| 88050 | Emergency Preparedness 12/17/20 (20-074)                                     |
| 88051 | Evaluation of Exercises and Drills 11/12/20 (20-062)                         |

|          |                                                                                                                                                |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 88055    | Fire Protection 11/09/20 (20-061)                                                                                                              |
| 88070    | Plant Modification 12/14/20 (20-071)                                                                                                           |
| 88071    | Configuration Management Program 03/06/14 (14-007)                                                                                             |
| 88072    | Plant Modifications (Triennial) 08/21/18 (18-027)                                                                                              |
| 88075    | Event Follow-up 03/16/15 (15-004)                                                                                                              |
| 88100    | Plant Operations 12/30/96 (96-026)                                                                                                             |
| 88101    | Configuration Control 12/30/96 (96-026)                                                                                                        |
| 88102    | Surveillance Observations 12/30/96 (96-026)                                                                                                    |
| 88103    | Maintenance Observations 12/30/96 (96-026)                                                                                                     |
| 88104    | Decommissioning Inspection Procedure for Fuel Cycle Facilities<br>10/09/19 (19-033)                                                            |
| 88106    | Quality Assurance: Program Development and Implementation<br>(Pre-licensing and Construction) 02/07/07 (07-006)                                |
| 88107    | Quality Assurance: Design and Documentation Control (Pre-licensing and<br>Construction) 05/18/05 (05-013)                                      |
| 88108    | Quality Assurance: Control of Materials, Equipment, and Services<br>(Pre-licensing and Construction) 02/07/07 (07-006)                         |
| 88109    | Quality Assurance: Inspection, Test Control, and Control of Measuring and<br>Test Equipment (Pre-licensing and Construction) 06/20/07 (07-020) |
| 88110    | Quality Assurance: Problem Identification, Resolution and Corrective Action<br>05/18/05 (05-013)                                               |
| 88111    | 10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)                                                                            |
| 88112    | RESERVED for Software Validation                                                                                                               |
| 88113    | Control of the Electronic Management of Data 02/07/07 (07-006)                                                                                 |
| 88114    | Quality Affecting Item Procurement (10 CFR Part 21) and Commercial Grade<br>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<br>70.72) (Pre-Licensing and Construction) 09/20/16 (16-023)                 |
| 88120    | RESERVED Draft Construction and Operational Readiness Inspections for the<br>Internal Isotopes Uranium Deconversion Facility                   |
| 88121    | RESERVED for Draft Operational Readiness Reviews for Uranium<br>Deconversion Facilities                                                        |
| 88130    | Resident Inspection Program for On-Site Construction Activities at the Mixed<br>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)                                                                                               |
| 88133    | Structural Steel and Supports Activities 7/25/07 (07-023)                                                                                      |
| 88134    | Quality Assurance: Piping Relied on for Safety 05/18/05 (05-013)                                                                               |
| 88135    | Resident Inspection Program for Category I Fuel Cycle Facilities<br>12/02/20 (20-067)                                                          |
| 88135.02 | Resident Inspection Program Plant Status Activities 12/02/20 (20-067)                                                                          |
| 88135.04 | Resident Inspection Program Integrated Safety Analysis Implementation<br>12/02/20 (20-067)                                                     |
| 88135.05 | Resident Inspection Program Fire Protection (Annual/Quarterly)<br>12/02/20 (20-067)                                                            |
| 88135.17 | Permanent Plant Modifications 12/02/20 (20-067)                                                                                                |
| 88135.19 | Post Maintenance Testing 12/02/20 (20-067)                                                                                                     |
| 88135.22 | Surveillance Testing 12/02/20 (20-067)                                                                                                         |
| 88136    | Mechanical Components 7/25/07 (07-023)                                                                                                         |
| 88137    | Electric Cable 04/01/10 (10-010)                                                                                                               |

|       |                                                                                              |
|-------|----------------------------------------------------------------------------------------------|
| 88138 | Electrical Components and Systems 08/08/07 (07-024)                                          |
| 88139 | Ventilation and Confinement Systems 08/08/07 (07-024)                                        |
| 88140 | Instrumentation and Controls Systems 04/01/10 (10-010)                                       |
| 88141 | Fire Prevention and Protection 08/08/07 (07-024)                                             |
| 88142 | Underground Fire Water Loop and Equipment Installation<br>08/08/07 (07-024)                  |
| 88143 | Pipe Supports and Restraints 7/25/07 (07-023)                                                |
| 88150 | RESERVED for Training and Qualification of Plant Personnel                                   |
| 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                                                  |
| 88160 | RESERVED for Utilities and Bulk Chemicals                                                    |
| 88161 | Corrective Action Program (CAP) Implementation at Fuel Cycle Facilities<br>07/28/14 (14-017) |

#### 8900 Fuel Facility and Materials Special Program

|       |                                                  |
|-------|--------------------------------------------------|
| 89001 | In-Situ Leach (ISL) Facilities 09/02/97 (97-013) |
| 89002 | RESERVED for Uranium Mill program                |
| 89003 | RESERVED for Uranium Mill program                |

#### 9000 Reportable Matters and Report Reviews

|       |                                                                                                            |
|-------|------------------------------------------------------------------------------------------------------------|
| 90001 | Construction Regulatory Response Column Inspections 10/27/10<br>(10-022)                                   |
| 90002 | Construction Degraded Performance Column Inspections 10/28/14<br>(14-026)                                  |
| 90003 | Construction Multiple/Repetitive Degraded Cornerstone Column Inspection<br>10/28/14 (14-026)               |
| 90502 | RESERVED for Part 52 Reportable Matters - Test Program                                                     |
| 90700 | Feedback of Operational Experience Information at Operating Power Reactors<br>03/23/05 (05-008)            |
| 90712 | In-office Review of Written Reports of Non-routine Events at Power Reactor<br>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)                                                            |

#### 9100 Title 10 Requirements

#### 9200 Planned Non-Routine Activities

|       |                                                                                                                                                                                                                                                |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)                                                                                                                                        |
| 92701 | Follow-up 03/13/07 (07-010)                                                                                                                                                                                                                    |
| 92702 | Follow-Up On Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, and Orders 10/26/20 (20-055)                                                                                                       |
| 92703 | Follow-up of Confirmatory Action Letters 05/13/09 (09-012)                                                                                                                                                                                     |
| 92707 | Security Inspection of Facilities Impacted by a Local, State, or Federal Emergency Where the NRC's Ability to Conduct Triennial Force-On-Force Exercises is Limited 02/08/21 (21-008)                                                          |
| 92708 | RESERVED for operating reactors pandemic response                                                                                                                                                                                              |
| 92709 | Licensee Strike Contingency Plans 05/16/19 (19-015)                                                                                                                                                                                            |
| 92711 | Continued Implementation of Strike Plans During an Extended Strike 05/16/19 (19-015)                                                                                                                                                           |
| 92712 | Resumption of Normal Operations after a Strike 05/16/19 (19-015)                                                                                                                                                                               |
| 92714 | RESERVED for Part 52 Follow-up                                                                                                                                                                                                                 |
| 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 09/16/21 (21-031)                                          |
| 92723 | Follow-Up Inspection for One Severity Level III and Two Severity Level IV Traditional Enforcement Violations or for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period 09/16/21 (21-031) |
| 92901 | Follow-up - Plant Operations 09/17/01 (01-017)                                                                                                                                                                                                 |
| 92902 | Follow-up - Maintenance 09/17/01 (01-017)                                                                                                                                                                                                      |
| 92903 | Follow-up - Engineering 09/17/01 (01-017)                                                                                                                                                                                                      |
| 92904 | Follow-up - Plant Support 09/17/01 (01-017)                                                                                                                                                                                                    |

### 9300 Non-Routine Activities

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| 93002 | Managing Fatigue 09/17/19 (19-027)                                                 |
| 93100 | Safety-Conscious Work Environment Issue of Concern Follow-up 07/14/21 (21-024)     |
| 93702 | Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017)     |
| 93800 | Augmented Inspection Team 04/02/19 (19-012)                                        |
| 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 Team 04/28/21 (21-020)
- 93813 RESERVED for Part 52 Operational Readiness Assessment Team Inspection

9400 Technical Activities of an Administrative Nature

- 94301 RESERVED for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel Load

9500 Strategic Determination Actions

- 95001 Supplemental Inspection Response to Action Matrix Column 2 (Regulatory Response) Inputs 08/19/2021 (21-028)
- 95002 Supplemental Inspection Response to Action Matrix Column 3 (Degraded Performance) Inputs 03/19/2021 (CN 21-014)
- 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)  
04/01/19 (19-011)

9600 Materials Safety and Security

- 96001 NRC Force-on-Force Inspections at Category 1 Fuel Cycle Facilities 03/11/19  
(19-010)

9700 Reserved

9800 Reserved

9900 Guidance<sup>2</sup>

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

**PART**  
**GUIDANCE**

Technical Guidance

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



|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| ASME Section III      | American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)      |
| ASME Section III & XI | American Society of Mechanical Engineers ASME Boiler and 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)        |
| ASME Section XI       | American Society of Mechanical Engineers ASME, Section XI 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 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 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 05/12/86 (86-26)                                         |
| STS                   | Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)                                   |
| STS Interp            | Licensee Technical Specification Interpretations 02/03/97 (97-001)                                                |

## Maintenance

Voluntary Entry into Limiting Conditions for Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001)  
Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)  
Preconditioning of Structures, Systems, and Components (SSCs) Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]

## Mechanical

Freeze Plugs 06/14/93 (93-005)  
Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)  
Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033) [TG\_Mech SGTUBELKG.wpd]  
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**

|                |                                                                                           |
|----------------|-------------------------------------------------------------------------------------------|
| 10             | Title 10 of the Code of Federal Regulations 12/08/86 (86-54)                              |
| 10 CFR71 and   |                                                                                           |
| 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)                                                       |
| 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 11/15/74<br>(74-010) |

**Interpretations**

END