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| 2512/032           | Inspection of Watts Bar Nuclear Plant Welding Corrective Action Program<br>Plan 07/13/92 (reactivated 08-004)                         |

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| 2512/033    | Inspection of Watts Bar Nuclear Plant Concrete Quality Special Program 07/13/92 (reactivated 08-004)                                  |
| 2512/034    | Inspection of Watts Bar Nuclear Plant Containment Cooling Special Program 07/13/92 (reactivated 08-004)                               |
| 2512/035    | Inspection of Watts Bar Nuclear Plant Control Room Design Review Special Program 07/13/92 (reactivated 08-004)                        |
| 2512/036    | Inspection of Watts Bar Nuclear Plant Environmental Qualification Special Program 07/13/92 (reactivated 08-004)                       |
| 2512/037    | Inspection of Watts Bar Nuclear Plant Master Fuse List Special Program 07/13/92 (reactivated 08-004)                                  |
| 2512/038    | Inspection of Watts Bar Nuclear Plant Mechanical Equipment Qualification Special Program 07/13/92 (reactivated 08-004)                |
| 2512/039    | Inspection of Watts Bar Nuclear Plant Microbe Induced Corrosion Special Program 07/13/92 (reactivated 08-004)                         |
| 2512/040    | Inspection of Watts Bar Nuclear Plant Moderate Energy Line Break Special Program 07/13/92 (reactivated 08-004)                        |
| 2512/041    | Inspection of Watts Bar Nuclear Plant Radiation Monitoring System Special Program 07/13/92 (reactivated 08-004)                       |
| 2512/042    | Inspection of Watts Bar Nuclear Plant Soil Liquefaction Special Program 07/13/92 (reactivated 08-004)                                 |
| 2512/043    | Inspection of Watts Bar Nuclear Plant Use-As-Is CAQRS Special Program 07/13/92 (reactivated 08-004)                                   |
| 2512 App I  | Light Water Reactor Inspection Program - Construction Phase – Procedure List 10/16/07 (07-032)  |
| 2513        | Light Water Reactor Inspection Program – Preoperational Testing and Operational Preparedness Phase 08/05/08 (Reactivated 08-023)      |
| 2513, App A | Light Water Reactor – Preoperational Testing Phase 08/05/08 (reactivated 08-023)  |
| 2513, App B | Light Water Reactor – Operational Preparedness Phase 08/05/08 (reactivated 08-023)  |
| 2514        | Light Water Reactor Inspection Program – Startup Testing Phase 08/21/89 (89-013)  |
| 2514, App A | Startup Test Program Inspection Procedures 04/15/94 (94-018)  |
| 2515        | Light Water Inspection Program - Operations Phase 10/18/13 (13-025)   |
| 2515, App A | Risk-Informed Baseline Inspection Program 03/08/13 (13-008)   |
| 2515, App B | Supplemental Inspection Program 08/18/11 (11-013)   |
| 2515, App C | Special and Infrequently Performed Inspections 09/25/13 (13-023)  |
| 2515, App D | Plant Status 02/24/12 (12-003)  |
| 2515, App E | Inspection Program Modifications during a Pandemic 01/26/07 (07-004)  |
| 2515, App F | Reactor Construction Activities near Operating Unit(s) 06/02/11 (11-009)  |
| 2515/28     | Inspection Requirements to Review Licensee Actions Taken in Response to IE Bulletin 79-02, Revision No. 07/01/79 (reactivated 09-015) |

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| 2515/29             | Inspection Requirements for IEB 79-14 09/14/79 (reactivated 09-015)  |
| 2515/30             | Inspection Requirements To Review PWR Licensee Actions Taken in Response to IE Bulletin No. 79-21 09/14/79 (reactivated 09-015)  |
| 2515/37             | Inspection Requirements To Review Licensee Actions Taken in Response to IE Bulletin 80-11, Masonry Wall Design 07/03/80 (reactivated 09-015)   |
| 2515/64,<br>Rev. 1  | Near-Term Inspection Followup to Generic Letter 83-28 04/04/85 (reactivated 09-015)  |
| 2515/65,<br>Rev. 2  | TMI Action Plan Requirement Followup 07/10/90 (reactivated 09-015)   |
| 2515/66             | Inspection Requirements for IE Bulletin 84-03, 'Refueling Cavity Water Seals 12/17/84 (reactivated 09-015)   |
| 2515/69             | Inspection of Response to IE Bulletin 85-01 12/20/85 (reactivated 09-015)  |
| 2515/71             | Inspection of Licensees' Actions in Response to IE Bulletin 82-02 12/20/85 (reactivated 09-015)  |
| 2515/72             | Inspection of Response to IE Bulletin 85-02 12/20/85 (reactivated 09-015)  |
| 2515/87             | Inspection of Licensee's Implementation of Multiplant Action A-17: Instrumentation for Nuclear Power Plants To Access Plant and Environs Conditions During and Following an Accident (Regulatory Guide 1.97) 09/17/90 (reactivated 09-015) |
| 2515/88             | Inspection of Licensee's Actions Taken to Implement NRC Guidelines for Protection from Flooding of Equipment Important to Safety 04/06/87 (reactivated 09-015)   |
| 2515/91             | Inspection Followup to Generic Letter 83-28, Item 4.1 04/06/87 (reactivated 09-015)  |
| 2515/101            | Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f) (reactivated 09-015)   |
| 2515/103            | Loss of Decay Heat Removal (Generic Letter No. 88-17) 10 CFR 50.54(f) – Programmed Enhancements (Long Term) Review 12/18/89 (reactivated 09-015)   |
| 2515/105            | Inspection of Licensee Activities in Reference to NRC Bulletin 88-04 – Potential Safety-Related Pump Loss 05/14/90 (reactivated 09-015)  |
| 2515/107            | Electrical Distribution System Functional Inspection (EDSFI) 10/19/90 (reactivated 09-015)   |
| 2515/109,<br>Rev. 4 | Inspection Requirements for Generic Letter 89-10, Safety-Related Motor-Operated Valve Testing and Surveillance 07/23/98 (reactivated 09-015)   |
| 2515/110,<br>Rev.1  | Performance of Safety-Related Check Valves 11/15/93 (reactivated 09-015)   |
| 2515/111            | Electrical Distribution System Followup Inspection 08/06/03 (reactivated 09-015)   |
| 2515/113            | Reliable Decay Heat Removal During Outages 11/18/91 (reactivated 09-015)   |

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| 2515/114            | Inspection Requirements for Generic Letter 89-04, Acceptable Inservice Testing Programs 01/15/92 (reactivated 09-015)  |
| 2515/118,<br>Rev. 2 | Service Water System Operational Performance Inspection (SWSOPI) 03/17/95 (reactivated 09-015)   |
| 2515/120            | Inspection of Implementation of Station Blackout Rule Multi-plant Action Item A-22 09/24/93 (reactivated 09-015)   |
| 2515/139            | Inspection of Licensee's Implementation of Generic Letter 96-01 - Testing of Safety Related Logic Circuits 07/23/98 (reactivated 09-015)                                     |
| 2515/140            | Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves (GL 96-05) 09/29/98 (reactivated 09-015)  |
| 2515/142            | Draindown During Shutdown and Common-Mode Failure (NRC Generic Letter 98-02) 06/18/99 (reactivated 09-015)   |
| 2515/145            | Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01   |
| 2515/148<br>Rev. 2  | Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures 03/19/03 (03-009)   |
| 2515/150<br>Rev. 3  | Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Order EA-03-009) 02/18/05 (05-006)   |
| 2515/152,           | Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Rev. 1 Bulletin 2003-02) 11/15/03 (reactivated 09-015)   |
| 2515/153,<br>Rev. 1 | Reactor Containment Sump Blockage (NRC Bulletin 2003-01) 02/18/05 (reactivated 09-015)   |
| 2515/155            | Mark I and Mark II Containment Vulnerabilities 12/12/03 (03-040) (Note: TI withheld from public disclosure since it contains sensitive security information)                 |
| 2515/158            | Functional Review of Low Margin/Risk Significant Components and Human Actions 06/14/04 (04-017)<br>Affecting Safety-Related Equipment 07/29/04 (04-021)                      |
| 2515/160            | Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01) 10/06/04 (reactivated 09-015)                   |
| 2515/162            | Safeguards Information 04/13/05 (05-010)   |
| 2515/164            | Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002, Order [Safeguards Information] 06/28/05 (05-017)            |
| 2515/165            | Operational Readiness of Offsite Power and Impact on Plant Risk 03/03/06 (reactivated 09-025)  |
| 2515/166<br>Rev. 1  | Pressurized Water Reactor Containment Sump Blockage [NRC Generic Letter 2004-02] 05/16/07 (07-016)   |
| 2515/168            | Closeout Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures - Section B.5.b of the February 25, 2002, Orders. [Safeguards Information] 05/19/06 (06-012) |

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| 2515/171<br>Rev. 1 | Verification of Site Specific Implementation of B.5.b Phase 2 & 3 Mitigating Strategies 07/25/08 (08-020)  |
| 2515/172<br>Rev. 1 | Reactor Coolant System Dissimilar Metal Butt Welds 05/27/10 (10-014)   |
| 2515/173<br>Rev. 1 | Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative 10/31/08 (08-031)  |
| 2515/174           | Hydrogen Igniter Backup Power Verification 02/12/08 (08-007)   |
| 2515/175           | Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review 06/05/08 (08-017)  |
| 2515/176           | Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015  |
| 2515/177<br>Rev. 1 | Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01) 03/17/10 (10-009)  |
| 2515/178           | Risk Management Technical Specifications Initiative 5b Surveillance Frequency Control Program 05/15/09 (09-013)  |
| 2515/179<br>Rev. 1 | Verification of Licensee Responses To NRC Requirement for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10, Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 05/27/10 (10-014) |
| 2515/181           | Validate the Effectiveness of the Regulatory Infrastructure Related to Fire-Induced Circuit Failures and Operator Manual Actions 04/14/10 (10-011)   |
| 2515/182<br>Rev 1  | Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks 08/08/13 (13-016)   |
| 2515/185           | Followup to the Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative 12/19/11 (11-041)  |
| 2515/186           | Inspection of Procedures and Processes for Responding to Potential Aircraft Threats 08/30/12 (12-019)  |
| 2515/187           | Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns 06/27/12 (12-011)   |
| 2515/188           | Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns 07/06/12 Effective 07/09/2012 (12-013)   |
| 2515/189           | Inspection to Determine Compliance of Dynamic Restraint (Snubber) Program with 10 CFR 50.55a, "Regulatory Requirements for Inservice Examination and Testing of Snubbers" 09/25/13 (13-023)  |
| 2515/190           | Inspection of Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 – Flooding Evaluation 08/30/13 (13-019)   |
| 2515/191           | RESERVED for Mitigating Strategies   |
| 2516               | Policy and Guidance for the License Renewal Inspection Programs 08/13/13 (13-017)  |
| 2516/001           | Review of License Renewal Activities 03/30/11 (11-004)   |
| 2517               | Watts Bar Unit 2 Construction Inspection Program 06/06/13 (13-013)   |
| 2518               | Reserved for Construction Inspection Program: Advanced Reactors, Pre Construction Permit (CP)  |
| 2519               | Construction Significance Determination Process 07/15/13 (13-015)  |

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| 2522        | Construction Reactor Oversight Process Self-Assessment Program<br>11/30/12 (12-027)   |
| 2522, App A | Construction Reactor Oversight Process Self-Assessment Metrics<br>11/30/12 (12-027)   |
| 2523        | NRC Application of the Reactor Operating Experience Program in NRC<br>Oversight Processes 06/19/13 (13-014)                                 |
| 2530        | Integrated Design Inspection Program 04/24/85 (reactivated 10-006)  |
| 2535        | Design Verification Programs 03/24/89 (reactivated 10-006)  |
| 2545        | Research and Test Reactor Inspection Program 06/23/04 (04-018)  |
| 2561        | Decommissioning Power Reactor Inspection Program<br>04/14/03 (03-012)   |
| 2561/003    | Re-Examination of Year 2000 (Y2K) Program Activities at Selected<br>Decommissioning Reactors 11/30/99 (99-019)                              |
| 2561/004    | Safeguards and Emergency Preparedness Inspection of Interim<br>Compensatory Measures at Decommissioning Power Reactors<br>04/22/03 (03-011) |

## 2600 Fuel Cycle Facility Inspection Program

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| 2600        | Fuel Cycle Facility Operational Safety and Safeguards Inspection<br>Program 01/27/10 (10-003)   |
| 2600, App A | Guidance for Conducting Fuel Cycle Inspections 08/15/07 (07-025)  |
| 2600, App B | NRC Core Inspection Requirements, Tables 1 and 2 11/07/11 (11-028)  |
| 2600, App C | Fuel Cycle Resident Inspection Program 04/27/10 (10-012)  |
| 2600, App D | Fuel Cycle Facility Inspection Planning 03/21/08 (08-011)   |
| 2600/017    | Review of the Implementation of the Decommissioning Planning Rule<br>02/25/13 (13-006)  |
| 2601        | Team Assessments of Fuel Cycle and Materials Licensees<br>05/04/90 (90-004)   |
| 2602        | Decommissioning Oversight and Inspection Program for Fuel<br>Cycle Facilities and Materials Licensees 07/29/08 (08-021)   |
| 2603        | Reserved for Fuel Cycle Facility Construction Inspection Program<br>Assessment  |
| 2604        | Licensee Performance Review 10/11/12 (12-023)   |
| 2606        | Assessment of the Change in Risk Resulting From a Violation at a Fuel<br>Cycle Facility 09/26/12 (12-022)   |
| 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<br>Control Act) 10/05/01 (01-020) |
| 2630        | Mixed Oxide Fuel Fabrication Facility Construction Inspection Program<br>05/18/05 (05-0013)   |



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| 2635     | Reserved for Uranium Enrichment Facility Construction and Pre-Operational Readiness Review Inspection Programs  |
| 2641     | In-Situ Leach Facilities Inspection Program 08/25/00 (00-014)   |
| 2681     | Physical Protection and Transport of SNM and Irradiated Fuel Inspections of Fuel Facilities 01/27/10 (10-003)   |
| 2682     | Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)  |
| 2683     | MC&A Safeguards Inspection of Fuel Facilities 07/17/12 (12-015)   |
| 2689/009 | Inspection Guidance and Requirements for Physical Protection of the Transfer, Loading and Shipment of Irradiated Special Nuclear Material from General Atomics Facility, San Diego, California to U.S. Department of Energy, Idaho National Laboratory, Scoville, Idaho 08/12/10 (10-017) |
| 2690     | Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packagings 03/09/12 (12-004)   |
| 2690/008 | Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Located Within the Protected Area of an Operating Reactor Facility 10-018 (09/02/10)<br>(Note: This TI contains safeguards material.)                                   |
| 2690/009 | Inspection of Additional Security Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) at an Operating Reactor Facility on the Owner Controlled Area Outside of the Reactor Protected Area 10-018 (09/02/10)<br>(Note: This TI contains safeguards material.)  |
| 2960/010 | Inspection of Safeguards Compensatory Measures for Dry Cask Storage at Independent Spent Fuel Storage Installation(s) Not Co-Located at an Operating Reactor Facility 10-018 (09/02/10)<br>(Note: This TI contains safeguards material.)  |
| 2694     | USEC Inc. Gas Centrifuge Facility Construction and Pre-operational Readiness Review Inspection Programs 05/16/07 (07-016)   |
| 2696     | Louisiana Energy Services Gas Centrifuge Facility Construction and Pre-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 11/15/10 (10-023)  |
| 2800/030 | Verification of the Status of Devices Authorized For Use Under a General License 05/30/00 (00-011)  |
| 2800/032 | Follow-up - Materials Safeguard Advisory 10/31/01 (01-023)  |
| 2800/036 | Inspection of Manufacturing and Distribution Licensees 09/13/04 (04-024)  |

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| 2800/037 | Safety Procedures for Panoramic Irradiators Rev 1 07/14/05 (05-019)   |
| 2800/038 | Inspection of the Implementation of Increased Controls for Licensees Authorized to Possess Risk Significant Radioactive Material 03/30/06 (06-008)  |
| 2800/039 | Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in the National Source Tracking System Pursuant to Title 10 Code of Federal Regulations, Part 20.2207 (10 CFR 20.2207) 04/09/09 (09-011) |
| 2800/040 | Material Control and Accounting at Nuclear Power Plants and Wet Storage Sites 03/07/11 (11-002)   |
| 2801     | Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)   |
| 2810     | Master Materials License Oversight and Inspection Program 10/11/12 (12-023)   |
| 2815     | Construction and Preoperational Inspection of Panoramic, Wet-Source-Storage Gamma Irradiators 03/27/01 (01-010)   |
| 2882     | Transfer of NRC License Files to Agreement State(s) 12/03/01 (01-029)   |
| 2900     | <u>Performance Appraisal Program</u>  |
| 2901     | Team Inspections 08/24/01 (01-016)  |
| 2920     | Construction Appraisal Team Inspection Program 03/29/85 (85-11)   |
| 3000     | <u>Management Meetings</u>  |
| 30050    | Construction Permit Corporate Management Meeting 04/01/80 (reactivated 07-034)  |
| 30703    | Management Meetings - Entrance and Exit Interviews 01/01/82 (reactivated 08-008)  |
| 30800    | Initial Management Meeting - Materials Licensees 10/01/76 (76-26)   |
| 3100     | <u>Reserved</u>   |
| 3200     | <u>Reserved</u>   |
| 3300     | <u>Reserved</u>   |
| 3400     | <u>Reserved</u>   |

3500 Quality Assurance

- 35002 Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018)
- 35004 Pre-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
- 35006 Post-Docketing Early Site Permit Quality Assurance Controls Inspection 05/29/03 (03-018)
- 35007 Quality Assurance Program Implementation During Construction and Pre-Construction Activities 01/15/13 (13-002)
- 35012 Early Site Permit Quality Assurance Controls Assessment and Conclusion 05/29/03 (03-018)
- 35017 Quality Assurance Implementation Inspection 07/29/08 (08-021)
- 35023 Reserved for Design Reliability Assurance Program
- 35031 Reserved for Design Certification Pre-Meeting
- 35032 Reserved for Pre-Docketing Design Certification Quality Assurance Controls Inspection
- 35033 Reserved for Post-Docketing Design Certification Quality Assurance Controls Inspection
- 35034 Design Certification Testing Inspection 01/27/10 (10-003)
- 35060 Licensee Management of QA Activities 04/01/83 (reactivated 07-032)
- 35061 In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034)
- 35065 Procurement, Receiving, and Storage 04/01/83 (Reactivated 07-032)
- 35101 QA Program Implementation Inspection for Operational Programs 10/03/07 (07-030)
- 35301 Preoperational Testing - Quality Assurance 08/06/03 (03-028)
- 35501 QA for the Startup Test Program 01/20/84 (84-04)
- 35701 Quality Assurance Program Review 09/17/01 (01-017)
- 35750 QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032)
- 35960 QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
- 35962 Reserved for Part 52 QA Program Evaluation of Engineering Service Organization

3600 Organization and Administration

- 36100 Inspection of 10 CFR Parts 21 and 50.55(e) Programs for Reporting Defects and Noncompliance 02/13/12 (12-002)
- 36100.01 Inspection of 10 CFR Part 21 and Programs for Reporting Defects and Noncompliance During Construction 02/13/12 (12-002)
- 36301 Operational Staffing 07/01/77 (reactivated 08-032)
- 36302 Part 52. Operational Staffing 08/19/08 (08-024)

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| 36801 | Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)                  |
| 3700  | <u>Design, Design Changes, Modifications</u>  |
| 37002 | Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005)   |
| 37051 | Verification of As-Builts 12/04/87 (reactivated 07-032)   |
| 37055 | Onsite Design Activities 04/01/83 (reactivated 07-032)  |
| 37060 | Inspections under the 10CFR Part 50.69 Special Program 09/14/11 (11-016)  |
| 37301 | Comparison of As-Built Plant to FSAR Description 03/22/85 (reactivated 08-032)                                  |
| 37700 | Design Changes, and Modifications 09/17/01 (01-017)   |
| 37801 | Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)            |
| 37803 | Reserved  |
| 37804 | Aircraft Impact Assessment Inspection 02/09/12 (12-001)   |
| 37805 | Engineering Design Verification Inspections 04/25/11 (11-007)   |
| 3800  | <u>Procurement</u>  |
| 3900  | <u>Records</u>  |
| 39701 | Records Program 09/17/01 (01-017)   |
| 4000  | <u>Review and Audit</u>   |
| 40001 | Resolution of Employee Concerns 06/03/97 (97-006)   |
| 40002 | Inspections to Review Allegations 06/28/02 (02-024)   |
| 40100 | Independent Safety Culture Assessment Followup 04/05/11 (11-005)  |
| 40504 | Part 52, Identification and Resolution of Construction Problems 10/03/07 (07-030)                               |
| 40505 | Reserved for Effectiveness of Process to Identify, Resolve, and Prevent Construction Problems                   |
| 40600 | Licensee Program for Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Management 03/17/10 (10-009) |
| 40801 | Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012)             |

4100 Training

- 41301 Pre-Licensing Review of Training and Qualification Programs 02/18/87  
(reactivated 08-032)
- 41500 Training and Qualification Effectiveness 06/13/95 (95-007)
- 41501 Part 52, Review of Training and Qualification Programs  
04/25/11 (11-007)
- 41502 Nuclear Power Plant Simulation Facilities 10/16/12 (12-024)

4200 Procedures

- 42001 Emergency Operating Procedures 06/28/91 (91-009)
- 42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004)
- 42401 Part 52, Plant Procedures 10/27/10 (10-022)
- 42453 Part 52, Operating Procedures Inspection 08/19/08 (08-024)
- 42454 Part 52, Emergency Operating Procedures 09/09/13 (13-020)
- 42700 Plant Procedures 11/15/95 (95-015)

4300 Vendor Procedures

- 43002 Routine Inspections of Nuclear Vendors 07/15/13 (13-015)
- 43003 Reactive Inspections of Nuclear Vendors 10/03/13 (13-024)
- 43004 Inspection of Commercial-Grade Dedication Programs 11/29/13 (13-027)
- 43005 NRC Oversight of Third-Party Organizations Implementing Quality  
Assurance Requirements 04/25/11 (11-007)

4400 Reserved

4500 Geotechnical/Foundation

- 45051 Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018)
- 45051.A Geotechnical/Foundation Activities Procedure Review 03/23/84  
(reactivated 08-004)
- 45052 Review of Geotechnical and Site Characterization Activities  
10/03/07 (07-030)
- 45053 Geotechnical/Foundation Activities Work Observation 03/23/84  
(reactivated 07-034)
- 45055 Geotechnical/Foundation Activities Record Review 03/23/84  
(reactivated 07-034)

4600 Structural Concrete

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

4700 Containment (Post-Tensioning)

4800 Structural Steel and Supports

- 48051 Structural Steel and Supports Procedure Review 12/17/86  
(reactivated 07-032)
- 48053 Structural Steel and Supports Work Observation 12/17/86  
(reactivated 07-032)
- 48055 Structural Steel and Supports Record Review 07/01/83  
(reactivated 07-032)

4900 Piping

- 49001 Inspection of Erosion/Corrosion Monitoring Programs  
12/11/98 (98-019)
- 49051 Reactor Coolant Pressure Boundary Piping QA Review 08/16/82  
(reactivated 07-032)
- 49053 Reactor Coolant Pressure Boundary Piping – Work Observation 11/19/85  
(reactivated 07-032)
- 49055 Reactor Coolant Pressure Boundary Piping Record Review 08/16/82  
(reactivated 07-034)
- 49061 Safety-Related Piping 10/01/82 (reactivated 07-034)
- 49063 Piping – Work Observation 11/19/85 (reactivated 07-034)
- 49065 Safety-Related Piping-Records Review 10/01/82  
(reactivated 07-034)

5000 Mechanical Components and Equipment

- 50001 Steam Generator Replacement Inspection 11/08/11 (11-031)
- 50002 Steam Generators 12/31/96 (96-024)
- 50003 Pressurizer Replacement Inspection 07/07/05 (05-018)
- 50051 Reactor Vessels and Internals QA Review 08/16/82 (reactivated 07-034)
- 50053 Reactor Vessel and Internals Work Observation 08/16/82  
(reactivated 07-034)
- 50054 Reactor Vessel Material Surveillance Program 12/04/08 (08-034)

- 50055 Reactor Vessel and Internals Record Review 08/16/82  
(reactivated 07-034)
- 50054 Reserved for Reactor Vessel Material Surveillance Program
- 50071 (Safety-Related Components – Procedure Review 04/01/83  
(reactivated 07-034)
- 50073 Mechanical Components – Work Observation 11/19/85  
(reactivated 07-034)
- 50075 Safety Related Components – Records Review 04/01/83  
(reactivated 07-034)
- 50090 Pipe Support and Restraint Systems 08/06/03 (03-028)
- 50095 Spent Fuel Storage Racks 03/14/94 (reactivated 07-034)
- 50100 Heating, Ventilating, and Air Conditioning Systems 08/06/03 (03-028)

#### 5100 Electrical Components and Systems

- 51051 Electrical Components and Systems – Procedure Review 03/30/84  
(reactivated 07-034)
- 51053 Electrical Components and systems - Work Observation  
08/06/03 (03-028)
- 51055 Electrical Components and Systems - Record Review 08/06/03 (03-028)
- 51061 Electrical Cable - Procedure Review 08/06/03 (03-028)
- 51063 Electric Cable – Work Observation 11/19/85 (reactivated 07-034)
- 51065 Electric Cable – Record Review 03/30/84 (reactivated 07-034)
- 51080 Equipment Qualification 11/07/11 (11-029)

#### 5200 Instrumentation Systems and Components

- 52003 Digital Instrumentation and Control Modification Inspection  
10/31/08 (08-031)
- 52051 Instrument Components and Systems – Procedure Review 03/30/84  
(reactivated 07-034)
- 52053 Instrument Components and Systems – Work Observation 03/30/84  
(reactivated 07-034)
- 52055 Instrument Components and Systems – Record Review 03/30/84  
(reactivated 07-034)

#### 5300 Containment Penetrations

- 53051 Containment Penetrations (Mechanical) Procedure Review 01/27/84  
(reactivated 07-034)
- 53053 Containment Penetrations (Mechanical) Work Observation 01/27/84  
(reactivated 07-034)
- 53055 Containment Penetrations (Mechanical) Record Review 01/17/84  
(reactivated 07-034)

5400 Cleanliness

5500 Welding

- 55050 Nuclear Welding General Inspection Procedure 06/20/83 (83-06)
- 55093 Reactor Vessels Internals (Welding) Observation of Welding and Associated Activities 07/01/7 (reactivated 07-034)
- 55100 Structural Welding General Inspection Procedure 06/20/83 (83-06)
- 55150 Weld Verification Checklist 06/20/83 (reactivated 07-034)

5600 Calibration

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

5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

- 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 Special Processes

5900 Reserve Shutdown System

6000 Fuel Fabrication, Handling and Storage

- 60501 Fuel Receipt and Storage 04/30/75 (reactivated 08-032)
- 60705 Preparation for Refueling 07/27/95 (95-009)
- 60710 Refueling Activities 07/27/95 (95-009)
- 60801 Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
- 60845 Operation of Intra-Unit Fuel Transfer Canister and Cask System 04/26/12 (12-007)
- 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 ISFSI 01/16/08 (08-003)



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| 60854   | Preoperational Testing of an Independent Spent Fuel Storage Installation<br>01/16/08 (08-003)  |
| 60854.1 | Preoperational Testing of Independent Spent Fuel Storage<br>Facility Installation at Operating Plants 09/05/06 (06-022)  |
| 60855   | Operation of an Independent Spent Fuel Storage Installation<br>01/16/08 (08-003)   |
| 60855.1 | Operation of an Independent Spent Fuel Storage Installation at<br>Operating Plants 09/05/06 (06-022)   |
| 60856   | Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010)   |
| 60856.1 | Review of 10 CFR 72.212(b) Evaluations at Operating Plants<br>02/02/04 (04-003)  |
| 60857   | Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033)   |
| 60858   | Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)  |
| 60859   | Reserved for Welding Verification Checklist for Transportation and ISFSI<br>Components   |
| 60860   | Reserved for Nondestructive Examination Procedure Visual Examination<br>Procedure Review/Work Observation/Record Review of Transportation<br>and ISFSI Components        |
| 60861   | Reserved for Nondestructive Examination Procedure Liquid Penetrant<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components  |
| 60862   | Reserved for Nondestructive Examination Procedure Magnetic Particle<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation ISFSI Components |
| 60863   | Reserved for Nondestructive Examination Procedure Ultrasonic<br>Examination Procedure Review/Work Observation/Record Review  |
| 60864   | Reserved for Nondestructive Examination Procedure Radiographic<br>Examination Procedure Review/Work Observation/Record Review of<br>Transportation and ISFSI Components  |

## 6100 Surveillance

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| 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)                 |

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- 62002 Inspection of Structures, Passive Components, and Civil Engineering Features at Nuclear Power Plants 12/31/96 (96-024)
- 62003 Inspection of Steel and Concrete Containments at Nuclear Power Plants 06/11/97 (97-008)
- 62706 Maintenance Rule 12/13/00 (00-028)
- 62708 Motor-Operated Valve Capability 10/23/13 (13-026)
- 62709 Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
- 62710 Power-Operated Gate Valve Pressure Locking and Thermal Binding 04/30/10 (10-013)
- 62711 Reserved for Operational Reliability Assurance Process
- 62712 Part 52, Maintenance Rule 08/13/13 (13-017)
- 62801 Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)

6300 Construction Testing

- 63050 Containment Structural Integrity Test 07/01/83 (reactivated 07-034)

6400 Fire Prevention/Protection

- 64051 Procedures – Fire Prevention/Protection 07/01/79 (reactivated 07-034)
- 64053 Fire Loop Installation 07/01/79 (reactivated 07-034)
- 64100 Postfire Safe Shutdown, Emergency Lighting and Oil Collection Capability at Operating and Near-Term Operating Reactor Facilities 03/16/87 (reactivated 10-009)
- 64102 Reserved for Part 52 Post fire Safe Shutdown, Emergency Lighting and Oil Collection Capabilities
- 64704 Fire Protection Program 06/24/98 (98-010)
- 64705 Part 52, Fire Protection Operational Program 10/03/07 (07-030)

6500 10 CFR Part 52 ITAAC Inspections

- 65001 Inspections of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Related Work 08/13/13 (13-017)
- 65001.A ITAAC Attributes for As-Built Inspection 09/25/13 (13-023)
- 65001.B Inspection of the ITAAC-Related Welding Program 09/25/13 (13-023)
- 65001.C Inspection of the ITAAC-Related Construction Test Program 10/03/07 (07-030)
- 65001.D Inspection of the ITAAC-Related Operational Testing Program 08/05/09 (09-019)

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| 65001.E        | Inspection of the ITAAC-Related Qualification Program 08/19/08 (08-024)   |
| 65001.F        | Inspection of the ITAAC-Related Design and Fabrication Requirements 09/20/13 (13-022)   |
| 65001.01       | Inspection of ITAAC-Related Foundations & Buildings 10/03/07 (07-030)   |
| 65001.02       | Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)   |
| 65001.03       | Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)  |
| 65001.04       | Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 04/18/08 (08-012)  |
| 65001.05       | Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08-024)   |
| 65001.06       | Inspection of ITAAC-Related Installation of Mechanical Components 04/18/08 (08-012)   |
| 65001.07       | Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)  |
| 65001.08       | Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)   |
| 65001.09       | Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)  |
| 65001.10       | Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)   |
| 65001.11       | Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)             |
| 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 07/29/08 (08-021)                                      |
| 65001.15       | Inspection of ITAAC-Related Installation of Fire Protection Equipment 07/01/08 (08-019)   |
| 65001.16       | Inspection of ITAAC-Related Engineering 10/03/07 (07-030)   |
| 65001.17       | Inspection of ITAAC-Related Security Structures, Systems, and Components 10/15/09 (09-024)  |
| 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 01/03/13 (13-001)  |
| 65001.23, App1 | Inspection Guide for AP1000 Human Factors Engineering Integrated System Validation 08/30/12 (12-019)  |

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| 65001.24        | Inspection of Human Factors Engineering HSI Task Support Verification Design Acceptance Criteria (DAC) Related ITAAC 08/27/13 (13-018)                          |
| 65001.24, App A | Inspection Guidance for AP1000 Human Factors Engineering HSI Task Support Verification of Task Analysis and Requirements Considered in Design 08/27/13 (13-018) |
| 65001.25        | Inspection of Human Factors Engineering Design Verification Design Acceptance Criteria (DAC) Related ITAAC 02/14/13 (13-005)                                    |
| 65001.25, App A | Inspection Guide for AP 1000 Human Factors Engineering Design Verification Plan/Issue Resolution Verification 02/14/13 (13-005)                                 |
| 65001.26        | Inspection of Human Engineering Discrepancy (HED) Resolution Verification 02/14/13 (13-005)   |
| 65001.26, App A | Inspection Guide for AP 1000 Human Factors Engineering Issue Resolution Verification Plan 02/14/13 (13-005)   |
| 65051           | Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)  |
| 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 Monitoring 02/03/047 (04-004)  |
| 69005           | Class I Research and Test Reactor Experiments 02/03/04 (04-004)   |
| 69006           | Class I Research and Test Reactors Organization and Operations and Maintenance Activities 02/03/04 (04-004)   |
| 69007           | Class I Research and Test Reactor Review and Audit and Design Change Functions 02/03/04 (04-004)  |
| 69008           | Class I Research and Test Reactor Procedures 02/03/04 (04-004)  |
| 69009           | Class I Research and Test Reactor Fuel Movement 02/03/04 (04-004)   |
| 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)   |

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| 70301 | Overall Preoperational Test Program Review Requirements 10/01/83<br>(reactivated 08-032)  |
| 70302 | Preoperational Test Program Implementation 10/01/83<br>(reactivated 08-032)   |
| 70304 | Engineered Safety Features Test - Preoperational Test Procedure<br>Review 08/06/03 (03-028)   |
| 70305 | Reactor Protection System Test Preoperational Test Procedure Review<br>Preoperational Testing Procedure Verification 01/01/79<br>(reactivated 08-032) |
| 70306 | Loss of Offsite Power Test - Preoperational Test<br>Procedure Review 01/01/79 (reactivated 09-003)  |
| 70307 | Containment Integrated Leak Rate Test - Procedure<br>Review 03/07/86 (86-13)  |
| 70308 | Preoperational Hot Functional Testing - PWR Procedure Review)<br>10/01/83 (reactivated 08-032)  |
| 70311 | Preoperational Testing Procedure Verification 10/01/83<br>(reactivated 08-032)  |
| 70312 | Preoperational Test Witnessing 10/01/83 (reactivated 08-032)  |
| 70313 | Containment Integrated Leak Rate Test 11/12/85 (85-36)  |
| 70314 | HFT Witnessing 10/01/81 (reactivated 08-032)  |
| 70315 | Engineered Safety Features Test Preoperational Test Witnessing)<br>01/01/79 (reactivated 08-032)  |
| 70316 | Loss of Offsite Power Test Preoperational Test Witnessing 01/01/79<br>(reactivated 08-032)  |
| 70317 | Reactor Protection System Test Preoperational Test Witnessing 01/01/79<br>(reactivated 08-032)  |
| 70323 | Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)  |
| 70324 | Preoperational Test Results Evaluation - Integrated Hot Functional Test<br>04/01/77 (reactivated 08-032)  |
| 70325 | Preoperational Test Results Evaluation - Reactor Protection System<br>01/01/79 (reactivated 08-032)   |
| 70326 | Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79<br>(reactivated 08-032)   |
| 70329 | Preoperational Test Result Evaluation Verification 10/01/83<br>(reactivated 08-032)   |
| 70331 | Vibration Test- Preoperational Test Procedure Review 01/01/79<br>(reactivated 09-003)   |
| 70332 | Control Rod System Test - Preoperational Test Procedure Review<br>01/01/79 (reactivated 09-003)   |
| 70333 | Chemical Control System Test - Preoperation Test Procedure<br>Review 01/01/79 (reactivated 09-003)  |
| 70334 | Engineered Safety Features Act. System Test - Preoperational<br>Test Procedure Review 01/01/79 (reactivated 09-003)                                   |

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| 70335 | Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                    |
| 70336 | Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003)                 |
| 70337 | Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)               |
| 70338 | Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                 |
| 70339 | Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)            |
| 70340 | D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                          |
| 70341 | Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)      |
| 70342 | Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003) |
| 70344 | Containment Isolation Vales Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                |
| 70345 | Containment Heat/Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)         |
| 70346 | Aux. Bldg. Heat /Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)         |
| 70347 | Pressurizer and Level Control System Test- Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)        |
| 70348 | Main Feedwater Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)              |
| 70349 | Reactor Coolant Leak Detection System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)      |
| 70350 | Loose Parts Monitoring System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)              |
| 70351 | Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)          |
| 70352 | Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                    |
| 70353 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)       |
| 70354 | Nuclear Instrumentation System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)             |
| 70355 | Compressed Gas System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)                      |
| 70362 | Reactor Coolant System Hydrostatic Test Procedure Review 10/01/83 (reactivated 08-032)                               |
| 70367 | Reserved for Part 52 Pre-operational Test Program Implementation   |
| 70368 | Part 52 Containment Leak Rate Testing (Programmatic) 11/07/11 (11-029)   |
| 70369 | Reserved for Part 52 Containment Leak Rate Testing   |
| 70370 | Testing Piping Support and Restraint Systems 03/07/86 (86-13)  |
| 70371 | Reserved for Part 52 Testing of Pipe Support and Restraint System  |

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| 70431 | Vibration Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                                  |
| 70432 | Control Rod System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                         |
| 70433 | Chemical Control System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                    |
| 70434 | Engineered Safety Features Act. System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)     |
| 70435 | Safety and Relief Valves Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                   |
| 70436 | Residual / Decay Heat Removal System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)       |
| 70437 | Main Stream Isolation Valve Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                |
| 70438 | Auxiliary Feedwater System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                 |
| 70439 | Component Cooling Water System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)             |
| 70440 | D.C. Power System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)                          |
| 70441 | Emergency / Standby Power Supply System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)    |
| 70442 | Containment Combustible Gas Control System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003) |
| 70443 | Containment Spray System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                   |
| 70444 | Containment Isolation Valve Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                |
| 70445 | Containment Heat/Cool/Vent. System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)         |
| 70446 | Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test<br>Witnessing 01/22/09 (09-003)                 |
| 70447 | Pressurizer and Level Control System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)       |
| 70448 | Main Feedwater Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)              |
| 70449 | Reactor Coolant Leak Detection System Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)      |
| 70450 | Loose Parts Monitoring System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)              |
| 70451 | Integrated Reactor Control System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)          |
| 70452 | Remote Reactor Shutdown Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003)                    |
| 70453 | Cranes, Hoists and Lifting Equipment Test - Preoperational Test<br>Witnessing 01/01/79 (reactivated 09-003)       |

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| 70454 | Nuclear Instrumentation System Test - Preoperational Test Witnessing<br>01/01/79 (reactivated 09-003) |
| 70455 | Compressed Gas System Test - Preoperational Test Witnessing 01/01/79<br>(reactivated 09-003)          |
| 70462 | Reactor Coolant System Hydrostatic Test - Test Witnessing 10/01/83<br>(reactivated 08-032)            |
| 70562 | Reactor Coolant System Hydrostatic Test Results Evaluation 10/01/83<br>(reactivated 08-032)           |
| 70701 | Reserved  |
| 70702 | Reserved  |

7100 Operations (License & TS Requirements)

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| 71003      | Post-Approval Site Inspection for License Renewal 02/25/13 (13-006)                                   |
| 71004      | Power Uprate 04/30/10 (10-013)  |
| 71007      | Reactor Vessel Head Replacement Inspection 06/04/07 (07-018)  |
| 71013      | Site Inspections at Plants with Timely Renewal Applications<br>09/25/13 (13-023)                      |
| 71111      | Reactor Safety-Initiating Events, Mitigating Systems,<br>Barrier Integrity 10/28/11 (11-025)          |
| 71111.01   | Adverse Weather Protection 11/09/09 (09-026)  |
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| 71111.05AQ | Fire Protection (Annual / Quarterly) 09/30/10 (10-020)  |
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| 71111.05T  | Fire Protection (Triennial) 01/31/13 (13-004)   |
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| 71111.06   | Flood Protection Measures 10/28/11 (11-025)   |
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| 71111.13   | Maintenance Risk Assessments and Emergent Work Control<br>10/28/11 (11-025)                           |
| 71111.15   | Operability Determinations and Functionality Assessments<br>10/28/11 (11-025)                         |
| 71111.17T  | Evaluations of Changes, Tests, and Experiments and Permanent Plant<br>Modifications 03/05/13 (13-007) |
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| 71113      | Reserved for Review of License Renewal Commitments for Plants in<br>Timely Renewal                    |
| 71114      | Reactor Safety-Emergency Preparedness 05/29/12 (12-008)   |
| 71114.01   | Exercise Evaluation 05/29/12 (12-008)   |



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| 71114.02     | Alert and Notification System Evaluation 05/29/12 (12-008)   |
| 71114.03     | Emergency Response Organization Staffing and Augmentation System<br>05/29/12 (12-008)                                  |
| 71114.04     | Emergency Action Level and Emergency Plan Changes<br>10/31/08 (08-031)   |
| 71114.05     | Maintenance of Emergency Preparedness 05/29/12 (12-008)  |
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| 71121        | Occupational Radiation Safety 03/06/02 (02-008)  |
| 71121.01     | Access Control to Radiologically Significant Areas 03/06/02 (02-008)   |
| 71121.02     | ALARA Planning and Controls 03/06/08 (02-008)  |
| 71121.03     | Radiation Monitoring Instrumentation 03/06/02 (02-008)   |
| 71122        | Public Radiation Safety 01/24/03 (03-001)  |
| 71122.01     | Radioactive Gaseous and Liquid Effluent Treatment and<br>Monitoring Systems 12/18/08 (08-036)                          |
| 71122.02     | Radioactive Material Processing and Transportation 01/24/03 (03-001)   |
| 71122.03     | Radiological Environmental Monitoring Program (REMP)<br>01/24/03 (03-001)  |
| 71124        | Radiation Safety - Public and Occupational 12/02/09 (09-030)   |
| 71124.01     | Radiological Hazard Assessment and Exposure Controls<br>12/02/09 (09-030)  |
| 71124.02     | Occupational ALARA Planning and Controls 12/02/09 (09-030)   |
| 71124.03     | In-Plant Airborne Radioactivity Control and Mitigation 12/02/09 (09-030)   |
| 71124.04     | Occupational Dose Assessment 12/02/09 (09-030)   |
| 71124.05     | Radiation Monitoring Instrumentation 12/02/09 (09-030)   |
| 71124.06     | Radioactive Gaseous and Liquid Effluent Treatment 06/06/13 (13-013)  |
| 71124.07     | Public Radiation Safety 12/02/09 (09-030)  |
| 71124.08     | Radioactive Solid Waste Processing and Radioactive Material Handling,<br>Storage, and Transportation 12/02/09 (09-030) |
| 71130        | Security 02/24/10 (10-007)   |
| 71130.01     | Access Authorization 12/12/13 (13-028)   |
| 71130.02     | Access Control 12/12/13 (13-028)   |
| 71130.03     | Contingency Response - Force-On-Force Testing<br>06/27/12 (12-011)   |
| 71130.04     | Equipment Performance, Testing and Maintenance<br>12/12/13 (13-028)  |
| 71130.05     | Protective Strategy Evaluation 02/24/10 (10-007)   |
| 71130.06     | Protection of Safeguards Information 12/12/13 (13-028)   |
| 71130.07     | Security Training 12/12/13 (13-028)  |
| 71130.08     | Fitness for Duty Program 09/07/12 (12-020)   |
| 71130.09 (P) | Licensee Performance Evaluation Program (Pilot) 03/13/13 (13-009)  |
| 71130.10     | Reserved for Information Technology Security   |

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| 71130.11 | Material Control & Accounting (MC&A) 12/10/08 (08-035)  |
| 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 08/30/13 (13-019)   |
| 71150    | Discrepant or Unreported Performance Indicator Data 01/04/07 (07-001)                               |
| 71151    | Performance Indicator Verification 09/26/12 (12-022)  |
| 71152    | Problem Identification and Resolution 08/13/13 (13-017)   |
| 71153    | Follow-up of Events and Notices of Enforcement Discretion<br>12/05/2011 (11-039)                    |
| 71302    | Preoperational Test Program Implementation Verification 10/01/83<br>(reactivated 08-032)            |
| 71303    | Part 52, Technical Specifications Review 10/20/08 (08-029)  |
| 71714    | Cold Weather Preparations 09/17/01 (01-017)   |
| 71715    | Sustained Control Room and Plant Observation 04/14/92<br>(92-004)                                   |
| 71801    | Decommissioning Performance and Status Review at<br>Permanently Shutdown Reactors 08/11/97 (97-012) |
| 71841    | Human Performance 12/12/00 (00-027)   |

## 7200 Startup Testing

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|--------|---|
| 72300  | Startup Test Procedure Review 01/20/84 (84-04)  |
| 72301  | Startup Test Results Evaluation 01/20/84 (84-04)  |
| 72302  | Startup Test Witnessing and Observation 01/20/84(84-04)   |
| 72303  | Startup Testing for ABWR: Test Procedure Review, Test Witnessing, and<br>Test Results Evaluation 09/05/06 (06-021)    |
| 72304  | Startup Testing for AP 1000: Test Procedure Review, Test Witnessing,<br>and Test Results Evaluation 09/05/06 (06-021) |
| 72400B | Overall Startup Test Program 07/01/80 (80-16)   |
| 72401  | Reserved for Part 52 Overall Setup Test Program   |
| 72500B | Initial Fuel Loading Procedure 04/30/75 (75-16)   |
| 72501  | Reserved for Part 52 Initial Fuel Load Procedure Review   |
| 72502B | Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)   |
| 72504B | Heat-up Phase Procedure Review 04/30/75 (75-16)   |
| 72508B | Power Ascension Procedure Review: HPCI System 07/01/80 (80-16)  |
| 72509B | Power Ascension Procedure Review: Control Rod Drive System<br>07/01/80 (80-16)  |
| 72510B | Power Ascension Procedure Review - Relief Valves and MSIVs<br>04/30/75 (75-16)  |
| 72512B | Startup Test Procedure Review - RCIC or Recirculation Pump Trip<br>04/30/75 (75-16)                                   |
| 72514B | Startup Test Procedure Review - Turbine Trip/Generator Trip<br>07/01/80 (80-16)                                       |

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| 72516B | Startup Test Procedure Review - Shutdown From Outside the Control Room (Group A) 07/01/80 (80-16)  |
| 72517B | Startup Test Procedure Review: Loss of Offsite Power (Group A & B) 07/01/80 (80-16)  |
| 72518B | Startup Test Procedure Review - Core Performance 07/01/80 (80-16)  |
| 72524  | Initial Fuel Loading Witnessing 01/20/84 (84-04)   |
| 72525  | Reserved for Part 52 Initial Fuel Load Witnessing  |
| 72526  | BWR Initial Criticality Witnessing 01/20/84 (84-04)  |
| 72532  | Power Level Plateau Data Review (BWR) 01/20/84 (84-04)   |
| 72564B | Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16)  |
| 72566B | Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16)  |
| 72570B | Initial Criticality Procedure Review (PWR) 07/01/80 (80-16)  |
| 72572B | Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) |
| 72576B | Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16)                               |
| 72578B | Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16)  |
| 72580B | Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16)  |
| 72582B | Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16)   |
| 72583B | Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16)   |
| 72584B | Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16)                                      |
| 72592  | PWR Initial Criticality Witnessing 01/20/84 (84-04)  |
| 72596B | Pre-critical Data Review 07/01/80 (80-16)  |
| 72600B | Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16)   |
| 72608B | Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16)   |
| 72616B | Power Level PI01/14/86 (86-03)   |

7300 In-service Inspection

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|-------|--|
| 73052 | In-service Inspection - Review of Procedures 01/14/86 (86-03)                                  |
| 73053 | Pre-service Inspection – Observation of Work and Work Activities 01/01/79 (reactivated 07-034) |
| 73054 | Part 52, Pre-service and In-service Inspection - Review of Program 09/25/13 (13-023)           |

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| 73055 | Pre-service Inspection Data Review and Evaluation 01/01/79<br>(reactivated 07-034)   |
| 73753 | In-service Inspection 06/24/98 (98-010)  |
| 73754 | Part 52 - Preservice Inspection - Non-Destructive Examination<br>12/12/13 (13-028)   |
| 73755 | In-service Inspection - Data Review and Evaluation 10/27/10 (10-022)   |
| 73756 | In-service Testing of Pumps and Valves 07/27/95 (95-009)   |
| 73757 | Part 52 In-service Inspection - Data Review and Evaluation<br>04/18/08 (08-012)  |
| 73758 | Part 52, Functional Design and Qualification, and Preservice and<br>Inservice Testing Programs for Pumps, Valves and Dynamic Restraints<br>04/19/13 (13-011) |
| 7400  | <u>Reserved</u>  |
| 7500  | <u>Reserved</u>  |
| 7600  | <u>Reserved</u>  |
| 7700  | <u>Reserved</u>  |
| 7800  | <u>High Level Waste</u>  |
| 78010 | 10 CFR Part 21 Program 09/11/08 (08-026)   |
| 7900  | <u>Water Chemistry</u>   |
| 79501 | LWR Water Chemistry Control and Chemical Analysis – Audits 02/24/89<br>(reactivated 08-032)  |
| 79502 | Plant Systems Affecting Plant Water Chemistry 12/31/91<br>(reactivated 08-032)   |
| 79503 | Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre-<br>Op and Supp)  |
| 79504 | Reserved for Part 52 Plant systems Affecting Plant Water Chem.   |
| 79702 | Control and monitoring of Radiological Source Term<br>04/17/00 (00-006)  |
| 8000  | <u>Environmental Protection</u>  |
| 80210 | Environmental Protection - Initial and Periodic Inspections<br>06/22/05 (05-016)   |
| 80211 | Reserved for Part 52 Environmental Protection - Initial & Periodic<br>Inspection   |

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| 80521 | Radiological Environmental Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 80522 | Part 52, Radiological Environmental Monitoring Program (REMP) 07/01/08 (08-019)                       |
| 80600 | Reserved for Independent Assessment of Site Radiological Conditions                                   |
| 80721 | Radiological Environmental Monitoring 09/17/01(01-017)  |

8100 Physical Security

|          |   |
|----------|---|
| 81000    | Security 08/27/13 (13-018)  |
| 81000.01 | Access Authorization 09/07/12 (12-020)  |
| 81000.02 | Access Control 09/07/12 (12-020)  |
| 81000.03 | Performance Evaluation Program 09/07/12 (12-020)  |
| 81000.04 | Equipment Performance, Testing and Maintenance 09/07/12 (12-020)                                      |
| 81000.05 | Protective Strategy Evaluation 01/03/13 (13-001)  |
| 81000.07 | Security Training 09/07/12 (12-020)   |
| 81000.08 | Fitness for Duty Operational Program 09/07/12 (12-020)  |
| 81000.10 | Security Organization, Management Effectiveness, Program Reviews and Audits 09/07/12 (12-020)         |
| 81000.11 | Material Control and Accounting 09/07/12 (12-020)   |
| 81001.1  | Independent Spent Fuel Storage Installation(s) at Operating Plants 02/02/04 (04-003)                  |
| 81018    | Physical Security Plan and Implementing Procedures 05/24/07 (07-17)                                   |
| 81019    | Reserved for Part 52 Security Plan & Implementing Procedures  |
| 81020    | Management Effectiveness - Security Program 06/13/07 (07-019)   |
| 81021    | Reserved for Part 52 Management Effectiveness   |
| 81023    | Reserved for Part 52 Security Organization  |
| 81022    | Security Organization 06/13/07 (07-019)   |
| 81034    | Security Program Audit 09/10/07 (07-027)  |
| 81035    | Reserved for Part 52 Security Audit Program   |
| 81038    | Records and Reports 09/10/07 (07-027)   |
| 81039    | Reserved for Part 52 Records & Reports  |
| 81042    | Testing and Maintenance 04/12/07 (07-013)   |
| 81043    | Reserved for Part 52 Testing & Maintenance  |
| 81046    | Locks, Keys, and Combinations 09/10/07 (07-027)   |
| 81047    | Reserved for Part 52 Locks, Keys & Combinations   |
| 81052    | Physical Barriers - Protected Areas 09/10/07 (07-027)   |
| 81053    | Reserved for Part 52 Physical Barriers - Protected Areas  |
| 81054    | Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 09/10/07 (07-027) |
| 81055    | Reserved for Part 52 Physical Barriers - Vital Areas, Material Access Areas & Controlled Access Areas |
| 81058    | Security System Power Supply 09/10/07 (07-027)  |
| 81059    | Reserved for Part 52 Security System Power Supply   |
| 81062    | Lighting 09/10/07 (07-027)  |

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| 81063    | Reserved for Part 52 Lighting  |
| 81064    | Compensatory Measures 09/10/07 (07-027)  |
| 81065    | Reserved for Part 52 Compensatory Measures   |
| 81066    | Assessment Aids 09/10/07 (07-027)  |
| 81067    | Reserved for Part 52 Assessment Aides  |
| 81070    | Access Control - Personnel 12/22/08 (08-037)   |
| 81071    | Reserved for Part 52 Access Control - Personnel  |
| 81072    | Access Control (Power Reactor) - Packages 05/09/84 (84-15)   |
| 81073    | Access Control (Fuel Facility) - Packages, Material, and Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019)   |
| 81074    | Access Control - Vehicles 12/22/08 (08-037)  |
| 81075    | Reserved for Part 52 Access Control - (Power Reactors) – Packages  |
| 81076    | Reserved for Part 52 Access Control - Vehicles   |
| 81078    | Detection Aids - Protected Areas 11/23/09 (09-028)   |
| 81079    | Reserved for Part 52 Detection Aids - Protected Areas  |
| 81080    | Detection Aids – MAA and CAA 12/22/08 (08-037)   |
| 81081    | Reserved for Part 52 Detection Aids - VA, MAA, & CAA   |
| 81084    | Alarm Stations 09/10/07 (07-027)   |
| 81085    | Reserved for Part 52 Alarm Stations  |
| 81088    | Communications 09/10/07 (07-027)   |
| 81089    | Reserved for Part 52 Communications  |
| 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)<br>(Note this IP contains safeguards material) |
| 81200    | Reserved for Decommissioning Security Inspections  |
| 81200.01 | Reserved for Decommissioning Access Authorization Program  |
| 81200.02 | Reserved for Decommissioning Access Control Program  |
| 81200.03 | Reserved for Decommissioning Force-on-Force Testing  |
| 81200.04 | Reserved for Decommissioning Equipment, Testing, and Maintenance Program   |
| 81200.05 | Reserved for Decommissioning Protective Strategy Evaluation  |
| 81200.07 | Reserved for Decommissioning Security Training Program   |
| 81200.08 | Reserved for Decommissioning Fitness for Duty Program  |
| 81200.10 | Reserved for Decommissioning Cyber Security  |
| 81200.14 | Reserved for Decommissioning Target Set Review   |
| 81310    | Physical Protection of Shipments of Irradiated Fuel 12/22/08 (08-037)  |
| 81311    | Physical Security Requirements for Independent Spent Fuel Storage Installations 06/02/11 (11-009)  |
| 81335    | Physical Protection of Shipments of Special Nuclear Material of Moderate Strategic Significance (SNM-MSS) 12/02/09 (09-029)  |
| 81340    | Physical Protection of Shipments of Special Nuclear Material of Low Strategic Significance (SNM-LSS) 11/23/09 (09-028)   |
| 81360    | General Requirements for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 12/02/09 (09-029)  |
| 81365    | Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028)  |

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| 81370 | Specific Requirements for Physical Protection of Formula Quantities of Special Nuclear Materials in Transit 12/22/08 (08-037)            |
| 81402 | Reports of Safeguards Events 11/23/09 (09-028)   |
| 81411 | Physical Protection for Reactors with Formula Quantities of Special Nuclear Material 11/04/85 (85-34)                                    |
| 81421 | Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance 11/23/09 (09-028)                          |
| 81431 | Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance 10/24/12 (12-025)                               |
| 81501 | Personnel Training and Qualification - General Requirements 12/02/09 (09-029)  |
| 81502 | Fitness for Duty Program 12/22/08 (08-037)   |
| 81503 | Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements  |
| 81504 | Fitness for Duty Program for Construction 10/15/09 (09-024)  |
| 81601 | Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037)  |
| 81602 | Reserved for Part 52 Safeguards Contingency Plan - Implementation Review   |
| 81700 | Physical Security Program for Power Reactors 07/01/97 (97-010)   |
| 81810 | Protection of Safeguards Information 09/10/07 (07-027)   |
| 81811 | Reserved for Part 52 Physical Protection Safeguards Information  |
| 81815 | Authorizations for Access to National Security Information (NSI) and Restricted Data (RD) 12/22/08 (08-037)                              |
| 81820 | Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 12/22/08 (08-037) |

## 8200 Emergency Planning

|          |   |
|----------|---|
| 82001    | Evaluation of Emergency Preparedness 05/22/00 (00-010)                                      |
| 82002    | Part 52, Emergency Preparedness Program 11/08/11 (11-030)                                   |
| 82002.01 | Facilities and Equipment 11/08/11 (11-030)  |
| 82002.02 | Procedure Quality 11/08/11 (11-030)   |
| 82002.03 | Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030)    |
| 82002.04 | Emergency Preparedness Exercises 11/08/11 (11-030)  |
| 82002.05 | Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030) |
| 82002.06 | Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030)                   |
| 82002.07 | Operational Status of the Emergency Preparedness Program 11/08/11 (11-030)                  |
| 82201    | Emergency Detection and Classification 03/23/05 (05-008)                                    |
| 82202    | Protective Action Decision Making 03/23/05 (05-008)   |

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| 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 | Reserved for Decommissioning Emergency Preparedness Scenario and<br>Exercise Evaluation |
| 82501 | Reserved for Decommissioning Emergency Preparedness Program<br>Evaluation               |
| 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)                                       |
| 83521    | Radiation Protection - Startup 01/01/84 (84-01)   |
| 83522    | Radiation Protection, Plant Chemistry, Radwaste, and Environmental:<br>Organization and Management Controls 12/31/91 (reactivated 08-032)         |
| 83523    | Radiation Protection, Plant Chemistry, Radwaste, Transportation and<br>Environmental: Training and Qualifications 01/01/84 (reactivated 08-032)   |
| 83524    | External Occupational Exposure Control and Personal Dosimetry<br>(Preoperational and Supplemental) 01/01/84 (reactivated 08-032)                  |
| 83525    | Internal Exposure Control and Assessment (Preoperational and<br>Supplemental) 01/01/84 (reactivated 08-032)                                       |
| 83526    | Control of Radioactive Materials and Contamination, Surveys, and<br>Monitoring (Preoperational And Supplemental) 01/01/84<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    | Reserved for Part 52 Radiation Protection, Plant Chemistry, Radwaste,<br>and Environmental  |
| 83532    | Reserved for Part 52 Radiation Protection, Plant Chemistry, and<br>Radwaste Training  |
| 83533    | Part 52 External Occupational Exposure Control and Personal Dosimetry<br>10/27/10 (10-022)  |
| 83534    | Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022)   |
| 83535    | Part 52, Control of Radioactive Materials and Contamination, Surveys,<br>and Monitoring 10/27/10 (10-022)   |



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| 83536 | Part 52 Facilities and Equipment 10/27/10 (10-022)  |
| 83537 | Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022)  |
| 83722 | Radiation Protection, Plant Chemistry, and Radwaste: Organization and Management Controls (Minimum/Basic) 09/17/01 (01-017) |
| 83723 | General Employee, Radiation Safety, Plant Chemistry, Radwaste, and Transportation Training 12/16/03 (03-041)                |
| 83724 | External Occupational Exposure Control and Personal Dosimetry 04/17/00 (00-006)   |
| 83725 | Internal Exposure Control and Assessment 04/17/00 (00-006)  |
| 83726 | Control of Radioactive Materials and Contamination, Surveys and Monitoring 09/17/01 (01-017)                                |
| 83727 | Facilities and Equipment (Basic) 09/17/01 (01-017)  |
| 83728 | Maintaining Occupational Exposures ALARA 04/17/00 (00-006)  |
| 83729 | Occupational Exposure during Extended Outages 12/31/91 (91-021)   |
| 83746 | Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021)  |
| 83750 | Occupational Radiation Exposure 06/06/02 (02-023)   |
| 83801 | Inspection of Remedial and Final Surveys at Permanently Shutdown Reactors 09/05/06 (06-020)                                 |
| 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)   |
| 84521 | Radwaste - Startup 01/01/84 (84-01)  |
| 84522 | Solid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)   |
| 84523 | Liquids and Liquid Wastes (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)  |
| 84524 | Gaseous Waste System (Preoperational and Supplemental) 01/01/84 (reactivated 08-032)   |
| 84525 | Quality Assurance and Confirmatory Measurements for In-Plant Radiochemical Analysis (Preoperational and Supplemental) 5/23/85 (reactivated 08-032) |
| 84526 | Reserved for Part 52 Radwaste – Startup  |
| 84527 | Part 52, Solid Waste Management System 07/01/08 (08-019)   |
| 84528 | Reserved for Part 52 Liquid Waste Management System  |
| 84529 | Reserved for Part 52, Gaseous Waste Management System (Preoperational and Supplemental)  |
| 84750 | Radioactive Waste Treatment, and Effluent and Environmental Monitoring 03/15/94 (94-006)   |
| 84850 | Radioactive Waste Management - Inspection of Waste Generator Requirements of 10 CFR 20 and 10 CFR 61 12/22/08 (08-037)                             |

84900 Low-Level Radioactive Waste Storage 12/22/08 (08-037)  
(Preoperational and Supplemental)

8500 Material Control and Accountability

85102 Material Control and Accounting - Reactors 03/29/85 (85-10)  
85103 Reserved for Part 52 Material Control and Accounting - Reactor  
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 09/09/10 (10-019)  
85205 Facility Operations and Internal Controls 09/09/10 (10-019)  
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)  
85215 Records and Reports 01/17/86 (86-04)  
85303 Material Control and Accounting Management Structure and Personnel  
Training and Qualification 09/09/10 (10-019)  
85305 Item Monitoring 09/09/10 (10-019)  
85307 Process Monitoring 12/21/2010 (10-027)  
85309 Measurement Systems and Control 10/20/10 (10-021)  
85311 Physical Inventory Program 11/15/10 (10-023)  
85313 Alarm Resolution Program 11/15/10 (10-023)  
85315 Internal Control 12/21/2010 (10-027)  
85401 Management Structure 09/09/10 (10-019)  
85402 Measurement Program 10/20/10 (10-021)  
85403 Measurement Control Program 10/20/10 (10-021)  
85404 Physical Inventory Program for Low Enriched Uranium Fuel Facilities  
11/15/10 (10-023)  
85405 Item Control 09/09/10 (10-019)  
85406 Resolution Program for Low Enriched Uranium Fuel Facilities 1  
1/15/10 (10-023)  
85407 Assessment Program 11/29/10 (10-024)  
85408 Recordkeeping 11/29/10 (10-024)  
85420 Inspection of IAEA Safeguards for Inspectors at Power  
Reactors 06/22/88 (88-07)  
85501 Physical Inventory Program for Uranium Enrichment Facilities  
11/15/10 (10-023)  
85502 Detection Program for Uranium Enrichment Facilities 12/21/2010 (10-027)  
85503 Resolution Program for Uranium Enrichment Facilities  
11/15/10 (10-023)

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

86001 Design, Fabrication, Testing, and Maintenance of  
Transportation Packagings 01/16/08 (08-003)

- 86700 Spent Fuel Pool Activities 09/17/01 (01-017)
- 86730 Transportation of Radioactive Materials (49 CFR Parts 100-179 and 10 CFR Part 71) 04/17/00 (00-006)
- 86740 Inspection of Transportation Activities 10/30/08 (08-030)
- 86750 Solid Radioactive Waste Management and Transportation of Radioactive Materials 03/15/94 (94-006)

8700 Materials Safety Inspection

- 87102 Maintaining Effluents from Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005)
- 87103 Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023)
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| 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)                               |
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| 50.55(e)                      | Construction Deficiency Reporting 01/31/89 (89-002)                                       |
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| 50.59                         | 10 CFR 50.59, Changes, Tests, and Experiments<br>03/13/01 (01-008) [50_59.CFR]            |
| Part 50, App A                | Definition of Leak-Before-Break Analysis 09/26/96 (96-020)                                |
| Part 50                       | Appendix J, Containment Integrated Leak Rate Testing<br>12/08/86 (86-54)                  |
| 70.51                         | Material Balance, Inventory, and Records Requirements<br>12/19/74 (74-11)                 |
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**Interpretations**

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