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2620	On-Site Construction Reviews of Remedial Action at Inactive Uranium Mill
	Tailing Sites (Title I, Uranium Mill Tailings Radiation Control Act)
	10/05/01 (01-020)
2630	Mixed Oxide Fuel Fabrication Facility Construction Inspection Program
0005	09/20/16 (16-023)
2635	Reserved for Uranium Enrichment Facility Construction and Pre-
0044	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 06/27/14 (14-014)

2681/009	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)
2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
2683	MC&A Safeguards Inspection of Fuel Facilities 05/09/14 (14-011)
2690	Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packagings 03/09/12 (12-004)
2694	USEC Inc. Gas Centrifuge Facility Construction and Pre-operational Readiness Review Inspection Programs 12/17/15 (15-030)
2696	Louisiana Energy Services Gas Centrifuge Facility Construction and Pre- Operational Readiness Review Inspection Programs 10/19/06 (06-028)

# 2700 Licensee Contractor and Vendor Inspection Program

# 2800 Materials Inspection Program

2800 2800/030	Materials Inspection Program 11/15/10 (10-023) 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
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)
2800/041	10 CFR Part 37 Materials Security Review at Facilities with a Title 10 Code of Federal Regulations Part 73 Physical Protection Program 07/01/15 (15-013)
2800/042	Evaluation of Trustworthiness and Reliability Determinations 11/25/15 (15-027)
2800/043	Inspection of Facilities Potentially Contaminated with Discrete Radium- 226 Sources 01/06/17 (17-001)
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 Performance Appraisal Program

2901	Team Inspections 08/24/01 (01-016)
2920	Construction Appraisal Team Inspection Program 03/29/85 (85-11)

## 3000 Management Meetings

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 Reserved
- 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-
35012	Construction Activities 12/08/16 (16-032) Early Site Permit Quality Assurance Controls Assessment and Conclusion 05/29/03 (03-018)

35017	Quality Assurance Implementation Inspection 07/29/08 (08-021)
35023	Reserved for Design Reliability Assurance Program
35031	Reserved for Design Certification Pre-Meeting
35032	Reserved for Pre-Docketing Design Certification Quality Assurance
	Controls Inspection
35033	Reserved for Post-Docketing Design Certification Quality Assurance
	Controls Inspection
35034	Design Certification Testing Inspection 01/27/10 (10-003)
35060	Licensee Management of QA Activities 04/01/83 (reactivated 07-032)
35061	In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034)
35065	Procurement, Receiving, and Storage 04/01/83 (Reactivated 07-032)
35101	QA Program Implementation Inspection for Operational Programs 07/08/16 (16-015)
35301	Preoperational Testing - Quality Assurance 08/06/03 (03-028)
35501	QA for the Startup Test Program 01/20/84 (84-04)
35701	Quality Assurance Program Review 09/17/01 (01-017)
35710	Reserved for Quality Assurance Inspection of Digital Computer Software
35750	QA Program Measuring and Test Equipment 04/14/92 (reactivated 08-032)
35960	QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
35962	Reserved for Part 52 QA Program Evaluation of Engineering Service Organization

### 3600 Organization and Administration

36100	Inspection of 10 CFR Parts 21 and 50.55(e) Programs for
	Reporting Defects and Noncompliance 02/13/12 (12-002)
36100.01	Inspection of 10 CFR Part 21 and Programs for Reporting Defects and
	Noncompliance During Construction 02/13/12 (12-002)
36301	Operational Staffing 07/01/77 (reactivated 08-032)
36302	Part 52. Operational Staffing 08/19/08 (08-024)
36801	Organization, Management, and Cost Controls at Permanently Shutdown Reactors 08/11/97 (97-012)

#### 3700 Design, Design Changes, Modifications

37002	Construction Refurbishment Process - Watts Bar Unit 2 02/05/10 (10-005)
37051	Verification of As-Builts 12/04/87 (reactivated 07-032)

- 37055 Onsite Design Activities 04/01/83 (reactivated 07-032)
- 37060 Inspections under the 10CFR Part 50.69 Special Program 09/14/11 (11-016)
- 37301 Comparison of As-Built Plant to FSAR Description 03/14/14 (14-008)
- 37700 Design Changes, and Modifications 09/17/01 (01-017)

Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)
Reserved
Aircraft Impact Assessment Inspection 02/09/12 (12-001)
Engineering Design Verification Inspections 04/25/11 (11-007)

- 3800 Procurement
- 3900 Records
  - 39701 Records Program 09/17/01 (01-017)

### 4000 Review and Audit

40001	Resolution of Employee Concerns 06/03/97 (97-006)
40002	Inspections to Review Allegations 06/28/02 (02-024)
40100	Independent Safety Culture Assessment Follow-up 04/09/15 (15-005)
40505	Reserved for Effectiveness of Process to Identify, Resolve, and Prevent
	Construction Problems
40600	Licensee Program for Inspections, Tests, Analyses,
	and Acceptance Criteria (ITAAC) Management 07/28/14 (14-017)
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	Review of Training and Qualification Programs
	04/27/16 (16-011)
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 Procedures10/27/10 (10-022)
42453	Part 52, Operating Procedures Inspection 08/19/08 (08-024)
42454	Part 52, Emergency Operating Procedures 09/09/13 (13-020)
42700	Plant Procedures 11/15/95 (95-015)

#### 4300 Vendor Procedures

43002	Routine Inspections of Nuclear Vendors 01/27/17 (17-002)
43003	Reactive Inspections of Nuclear Vendors 12/14/15 (15-029)
43004	Inspection of Commercial-Grade Dedication Programs 01/27/17 (17-002)
43005	NRC Oversight of Third-Party Organizations Implementing Quality
	Assurance Requirements 10/08/15 (15-019)
43006	Inspection of the Implementation of Mitigation Strategies Orders
	Regarding the Use of National Response Centers 09/30/16 (16-025)

#### 4400 <u>Reserved</u>

#### 4500 Geotechnical/Foundation

45051 45051.A	Geotechnical/Foundation Activities Procedure Review 05/29/03 (03-018) 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 <u>Containment (Post-Tensioning)</u>

### 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)

<u>Piping</u>	
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)
	49001 49051 49053 49055 49061 49063

# 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

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

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# 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 <u>Cleanliness</u>

5500 Welding

55050 55093	Nuclear Welding General Inspection Procedure 06/20/83 (83-06) 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)
60715	Spent Fuel Safety at Operating Reactors 10/30/15 (15-022)
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors
	08/11/97 (16-001)
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)
60854	Preoperational Testing of an Independent Spent Fuel Storage Installation
	01/16/08 (08-003)
60854.1	Preoperational Testing of Independent Spent Fuel Storage
	Facility Installation at Operating Plants 09/05/06 (06-022)
60855	Operation of an Independent Spent Fuel Storage Installation
	01/16/08 (08-003)
60855.1	Operation of an Independent Spent Fuel Storage Installation at
	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
	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
	Components
60860	Reserved for Nondestructive Examination Procedure Visual Examination
	Procedure Review/Work Observation/Record Review of Transportation
	and ISFSI Components
60861	Reserved for Nondestructive Examination Procedure Liquid Penetrant
	Examination Procedure Review/Work Observation/Record Review of
	Transportation ISFSI Components

60862	Reserved for Nondestructive Examination Procedure Magnetic Particle Examination Procedure Review/Work Observation/Record Review of Transportation ISFSI Components
60863	Reserved for Nondestructive Examination Procedure Ultrasonic
	Examination Procedure Review/Work Observation/Record Review
60864	Reserved for Nondestructive Examination Procedure Radiographic
	Examination Procedure Review/Work Observation/Record Review of
	Transportation and ISFSI Components

# 6100 <u>Surveillance</u>

61705 61706	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25) 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
	Determinations 10/11/85 (85-31)
61709	Total Power Coefficient of Reactivity at Pressurized
	Water Reactors 07/14/86 (86-36)
61710	Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
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
	01/01/84 (84-02)

# 6200 <u>Maintenance</u>

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)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 04/18/14 (14-010)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 11/22/11 (11-037)
65001.03	Inspection of ITAAC-Related Installation of Piping 08/19/08 (08-024)
65001.04	Inspection of ITAAC-Related Installation of Pipe Supports and Restraints 08/13/14 (14-018)
65001.05	Inspection of ITAAC-Related Installation of Reactor Pressure Vessel and Internals 08/19/08 (08/19/08)
65001.06	Inspection of ITAAC-Related Installation o Mechanical Components 01/27/15 (15-001)
65001.07	Inspection of ITAAC-Related Installation of Valves 07/29/08 (08-021)
65001.08	Inspection of ITAAC-Related Installation of Electric Components and Systems 08/19/08 (08-024)
65001.09	Inspection of ITAAC-Related Installation of Electric and Fiber Optic Cable 08/05/09 (09-019)
65001.10	Inspection of ITAAC-Related Installation of Instrument Components and Systems 10/20/08 (08-029)
65001.11	Construction Inspection Program Inspection of ITAAC-Related Containment Integrity and Containment Penetration 08/19/08 (08-024)
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 09/25/13 (13-023)
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)
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 Non-Power Reactor Inspection

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)

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69005 69006	Class I Research and Test Reactor Experiments 02/03/04 (04-004) 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
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 12/14/15 (15-029)
69022	Inspections of Operational Readiness During Construction of Non-Power Production and Utilization Facilities 12/14/15 (15-029)

# 7000 Preoperational Testing

70300	Preoperational Test Procedure Test Review 10/01/83
	(reactivated 08-032)
70301	Overall Preoperational Test Program Review Requirements 10/01/83
	(reactivated 08-032)
70302	Preoperational Test Program Implementation 10/01/83
	(reactivated 08-032)
70304	Engineered Safety Features Test - Preoperational Test Procedure
	Review 08/06/03 (03-028)
70305	Reactor Protection System Test Preoperational Test Procedure Review
	Preoperational Testing Procedure Verification 01/01/79
	(reactivated 08-032)
70306	Loss of Offsite Power Test - Preoperational Test
	Procedure Review 01/01/79 (reactivated 09-003)
70307	Containment Integrated Leak Rate Test - Procedure
	Review 03/07/86 (86-13)
70308	Preoperational Hot Functional Testing - PWR Procedure Review)
	10/01/83 (reactivated 08-032)

<ul> <li>Preoperational Test Witnessing 10/01/83 (reactivated 08-032)</li> <li>Containment Integrated Leak Rate Test 11/12/85 (85-36)</li> <li>HFT Witnessing 10/01/81 (reactivated 08-032)</li> <li>Engineered Safety Features Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)</li> <li>Containment Leak Rate Test Preoperational Test Witnessing 01/01/79 (reactivated 08-032)</li> <li>Containment Leak Rate Test Results Evaluation 10/03/85 (85-30)</li> <li>Preoperational Test Results Evaluation - Integrated Hot Functional Test 04/01/77 (reactivated 08-032)</li> <li>Containment Leak Rate Test Results Evaluation - Integrated Hot Functional Test 04/01/77 (reactivated 08-032)</li> <li>Preoperational Test Results Evaluation - Reactor Protection System 01/01/79 (reactivated 08-032)</li> <li>Preoperational Test Results Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032)</li> <li>Preoperational Test Result Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032)</li> <li>Preoperational Test Result Evaluation - Loss of Offsite Power 01/01/79 (reactivated 08-032)</li> <li>Vibration Test - Preoperational Test Procedure Review 01/01/79 (reactivated 08-032)</li> <li>Vibration Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Control Rod System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Chemical Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Residual / Deccay Heat Removal System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Main Stream Isolation Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Main Stream Isolation Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Component</li></ul>	70311	Preoperational Testing Procedure Verification 10/01/83 (reactivated 08-032)
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<ul> <li>Safety and Relief Valve Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003)</li> <li>Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)</li> <li>Auxilliary Feedwater System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70334	Engineered Safety Features Act. System Test - Preoperational
<ul> <li>Residual / Decay Heat Removal System Test - Preoperational Test Review 01/01/79 (reactivated 09-003)</li> <li>Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)</li> <li>Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70335	Safety and Relief Valve Test - Preoperational Test Procedure
<ul> <li>Main Stream Isolation Valve Test - Preoperational Test Procedure Review) 01/01/79 (reactivated 09-003)</li> <li>Auxilliary Feedwater System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70336	Residual / Decay Heat Removal System Test - Preoperational Test
<ul> <li>Auxilliary Feedwater System Test -Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70337	Main Stream Isolation Valve Test - Preoperational Test Procedure
<ul> <li>Component Cooling Water System Test - Preoperational; Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70338	Auxilliary Feedwater System Test -Preoperational Test Procedure
<ul> <li>D.C. Power System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70339	Component Cooling Water System Test - Preoperational; Test
<ul> <li>To341 Emergency/Standby Power Supply System Test - Preoperational Teat Procedure Review 01/01/79 (reactivated 09-003)</li> <li>To342 Containment Combustable Gas Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>To344 Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70340	D.C. Power System Test - Preoperational Test Procedure Review
<ul> <li>70342 Containment Combustable Gas Control System Test -</li> <li>Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)</li> <li>70344 Containment Isolation Vales Test - Preoperational Test Procedure</li> </ul>	70341	Emergency/Standby Power Supply System Test - Preoperational
70344 Containment Isolation Vales Test - Preoperational Test Procedure	70342	Containment Combustable Gas Control System Test -
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70345	Containment Heat/Cool/Vent. System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
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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
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70351	Integrated Reactor Control System Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70352	Remote Reactor Shutdown Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70353	Cranes, Hoists and Lifting Equipment Test - Preoperational Test
10000	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
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70369	Reserved for Part 52 Containment Leak Rate Testing
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70371	Reserved for Part 52 Testing of Pipe Support and Restraint System
70400	Preoperational Test Results Evaluation 10/01/83
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70431	Vibration Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70432	Control Rod System Test - Preoperational Test Witnessing 01/01/79
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70433	Chemical Control System Test - Preoperational Test Witnessing 01/01/79
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70436	Residual / Decay Heat Removal System Test - Preoperational Test
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70438	Auxiliary Feedwater System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70439	Component Cooling Water System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70440	D.C. Power System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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70442	Containment Combustible Gas Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70443	Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70444	Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70445	Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70446	Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/22/09 (09-003)
70447	Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70448	Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70449	Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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70451	Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70452	Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
70453	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)
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	Timely Renewal
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72514B	Startup Test Procedure Review - Turbine Trip/Generator Trip
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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)
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72572B	Low Power Test Procedures Review Moderator Temperature
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	Pseudo Rod Ejection Worth 07/01/80 (80-16)
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120100	1  OWELLEVELFICH 14/00 (00-05)

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

- 7400 <u>Reserved</u>
- 7500 <u>Reserved</u>
- 7600 <u>Reserved</u>
- 7700 <u>Reserved</u>

7800 High Level Waste

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

### 7900 Water Chemistry

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79502	Plant Systems Affecting Plant Water Chemistry 12/31/91 (reactivated 08-032)
79503	Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre- Op and Supp)
79504 79702	Reserved for Part 52 Plant systems Affecting Plant Water Chem. Control and monitoring of Radiological Source Term 04/17/00 (00-006)

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80600 80721	Reserved for Independent Assessment of Site Radiological Conditions Radiological Environmental Monitoring 09/17/01(01-017)

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81000.02	Access Control 09/07/12 (12-020)
81000.03	Performance Evaluation Program 09/07/12 (12-020)
81000.04	Equipment Performance, Testing and Maintenance 09/07/12 (12-020)
81000.05	Protective Strategy Evaluation 01/03/13 (13-001)
81000.07	Security Training 09/07/12 (12-020)
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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)
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81000.14	Review of New Reactor Target Sets 12/19/13 (13-029)
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	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
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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
01050	Areas & Controlled Access Areas
81058	Security System Power Supply 09/10/07 (07-027) Reserved for Part 52 Security System Power Supply
81059	
81062	Lighting 09/10/07 (07-027)
81063	Reserved for Part 52 Lighting
81064 81065	Compensatory Measures 09/10/07 (07-027) Reserved for Part 52 Compensatory Measures
81065	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
01075	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)
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81080	Detection Aids – MAA and CAA 12/22/08 (08-037)
81081	Reserved for Part 52 Detection Aids - VA, MAA, & CAA
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81085	Reserved for Part 52 Alarm Stations
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81089	Reserved for Part 52 Communications
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	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 08/27/14 (14-019)
81200.01	Access Authorization for Decommissioning Nuclear Power Reactors
	10/21/14 (14-025)
81200.02	Access Control for Decommissioning Nuclear Power Reactors
	08/27/14 (14-019)
81200.03	Reserved for Decommissioning Force-on-Force Testing
81200.04	Equipment Performance, Testing, and Maintenance for Decommissioning
	Nuclear Power Reactors 08/27/14 (14-019)
81200.05	Protective Strategy Evaluation and Performance Evaluation Program for
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70.51	Material Balance, Inventory, and Records Requirements 12/19/74 (74-11)
70.52	Report of Accidental Criticality or Loss of Special Nuclear Material 11/15/74 (74-010)

## **Interpretations**

END