TABLE OF CONTENTS

Table of Contents Current through Change Notice 09-012 issued 05/13/09

PART

CHAPTER

0000 NRC Inspection Manual¹

0040 Preparing, Revising, and Issuing Documents for the NRC

Inspection Manual 08/19/08 (08-024)

0100 Program Responsibilities

0102	Oversight and Objectivity of Inspectors and Examiners
	at Danatar Facilities 00/00/05 (05 000)

at Reactor Facilities 08/22/05 (05-023)

0111 Monitoring Activities for the DOE West Valley

Demonstration Project 03/04/02 (02-006)

0200 Program Management Reports

0230 Morning Report 11/18/02 (02-043)

0300 Inspection Policy

0300	Announced and Unannounced Inspections 03/24/94 (94-010)
0301	Coordination of NRC Visits to Commercial Reactor Sites
	08/24/01 (01-016)
0305	Operating Reactor Assessment Program 04/09/09 (09-011)
0306	Information Technology Support for the Reactor Oversight
	Process 12/04/08 (CN 08-034

Issue Date: 05/13/09 1 TABLE OF CONTENTS

¹The date and numbers in parentheses to the right of the chapter/inspection procedure title are the issue date and the change notice number under which the title was issued.

0307	Reactor Oversight Process Self-Assessment Program
0307 App A	03/23/09 (09-010) Reactor Oversight Process Self-Assessment Metrics 03/23/09 (09-010)
0307 Ann B	ROP Realignment Process 04/09/09 (09-011)
0308 0308	Reactor Oversight Process (ROP) Basis Document
	11/08/07 (07-035)
0308, Att 1	Technical Basis for Performance Indicators 11/08/07 (07-035)
0308, Att 2	Technical Basis for Inspection Program 10/16/06 (06-027)
0308, Att 3	Technical Basis for Significance Determination Process 10/16/06 (06-027)
0308. Att 3.	App A Technical Basis for At Power Significance Determination
, ,	11/08/07 (07-035)
0308, Att 3, A	App B Technical Basis for Emergency Preparedness Significance Determination Process 07/28/05 (05-022)
0308 Att 3	App C Technical Basis for Occupational Radiation Safety
	Significance Determination Process 07/28/05 (05-022)
0308, Att 3, A	App D Technical Basis for Public Radiation Safety
	Significance Determination Process 07/27/04 (04-020)
0308, Att 3, A	App F Technical Basis for Fire Protection Significance
	Determination Process [IMC 0609, Appendix F] At Power
	Operations 02/28/05 (05-007)
0308, Att 3, A	App G Technical Basis for Shutdown Operations Significance
	Determination Process 02/28/05 (05-007)
0308, Att 3, A	App H Technical Basis for Containment Integrity Significance
	Determination Process 05/06/04 (04-010)
0308, Att 3, A	App I Technical Basis for Operator Requalification Human
	Performance Significance Determination Process
0000 4110	07/28/05 (05-022)
	App J Technical Basis for Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
0308, Att 3, A	App K Technical Basis for Maintenance Risk Assessment and Risk
	Management SDP 05/19/05 (05-014)
0308, Att 4	Technical Basis for Assessment 07/28/05 (05-022)
0308, Att 5	Technical Basis for Enforcement 10/16/06 (06-027)
0308, Att 6	Reserved for Basis Document for the Security Cornerstone of the Reactor Oversight Process
0309	Reactive Inspection Decision Basis for Reactors 03/23/09 (09-010)
0312	Technical Assistance for Radiation Safety Inspections at Nuclear
	Fuel Cycle Facilities and Materials Licensees' Sites
	06/06/02 (02-023)
0313	Industry Trends Program 05/29/08 (08-016)
0320	Operating Reactor Security Assessment Program
	04/09/09 (09-011)

CHAPTER

O330 Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)

0350 Oversight of Operating Reactor Facilities in a Shutdown Condition With Performance Problems 12/15/06 (06-035)

0400 Enforcement Policy

0500 Tracking Systems

0600 <u>Documentation of Program Findings</u>

	-
0608	Performance Indicator Program 02/27/07 (07-007)
0609	Significance Determination Process 08/05/08 (08-023)
0609.01	Significance and Enforcement Review Panel Process
	08/05/08 (08-023)
0609.02	Process for Appealing NRC Characterization of Inspection
	Findings (SDP Appeal Process) 01/31/08 (08-004)
0609.03	Senior Reactor Analyst Support Expectations 07/26/06 (06-018)
0609.04	Phase 1 - Initial Screening and Characterization of Findings
	01/10/08 (08-002)
0609 App A	Determining the Significance of Reactor Inspection Findings for At-
	Power Situations 01/10/08 (08-002)
0609 App B	Emergency Preparedness Significance Determination Process
	03/06/03 (03-007)
0609 App C	Occupational Radiation Safety Significance Determination
0000 A D	Process 08/19/08 (08-024)
0609 App D	Public Radiation Safety Significance Determination Process
0000 4 - 5	02/12/08 (08-007)
0609 App E	Baseline Physical Protection Significance Determination Process
0600 App E I	07/21/05 (05-020)
0009 App ⊏ i	Part I Baseline Security Significance Determination Process for Power Reactors 12/04/08 (CN 08-034
0600 App E I	Part II Force-on-Force Physical Protection Significance
0009 App L I	Determination Process 07/21/05 (05-020)
0609 Ann F	Fire Protection Significance Determination Process
0000 / lpp i	02/28/05 (05-007)
0609 App F	Att 1 Part 1: Fire Protection SDP Phase 1 Worksheet
	02/28/05 (05-007)
0609, App F.	Att 2 Degradation Rating Guidance Specific to Various Fire
, 11- ,	Protection Program Elements 02/28/05 (05-007)
	• • • • • • • • • • • • • • • • • • • •

Counting Instructions, Applicable Fire Severity Characteristics, and Applicable Manual Fire Suppression Curves 02/28/05

0609, App F, Att 4 Fire Ignition Source Mapping Information: Fire Frequency,

02/28/05 (05-007)

0609, App F, Att 3 Guidance for Identifying Fire Growth and Damage Scenarios

- (05-007)
- 0609, App F, Att 5 Characterizing Non-Simple Fire Ignition Sources 02/28/05 (05-007)
- 0609, App F, Att 6 Guidance for the Identification of Targets and Their Ignition and Damage Criteria 02/28/05 (05-007)
- 0609, App F, Att 7 Guidance for Fire Growth and Damage Time Analysis 02/28/05 (05-007)
- 0609, App F, Att 8 Guidance for Fire Non-Suppression Probability Analysis 02/28/05 (05-007)
- 0609 App G Shutdown Operations Significance Determination Process 02/28/05 (05-007)
- 0609, App G, Att 1 Shutdown Operations Significance Determination Process Phase 1 Operational Checklists for Both PWRs and BWRs 05/25/04 (04-015)
- 0609, App G, Att 2 Phase 2 Significance Determination Process Template for PWR during Shutdown 02/28/05 (05-007)
- 0609, App G, Att 3 Phase 2 Significance Determination Process Template for BWR during Shutdown 02/28/05 (05-007)
- 0609 App H Containment Integrity Significance Determination Process 05/06/04 (04-010)
- 0609 App I Operator Requalification Human Performance Significance Determination Process [SDP] 08/22/05 (05-023)
- 0609 App J Steam Generator Tube Integrity Findings Significance Determination Process 05/06/04 (04-010)
- 0609 App K Maintenance Risk Assessment and Risk Management Significance Determination Process 05/19/05 (05-014)
- 0609 App M Significance Determination Process Using Qualitative Criteria 12/22/06 (06-036)
- 0610 Inspection Reports 05/18/04 (04-014)
- O612 Power Reactor Inspection Reports 12/04/08 (CN 08-034)
- 0612, Exh 1 Standard Reactor Inspection Report 12/04/08 (CN 08-034)
- 0612, Exh 2 Inspection Report Documentation Matrix 12/04/08 (CN 08-034)
- 0612, Exh 3 Sample Reactor Inspection Report 09/30/05 (05-028)
- 0612, Exh 4 Sample Cover Letters 02/02/09 (09-004)
- 0612, App A List of Acronyms Used in IMC 0612 12/04/08 (CN 08-034)
- 0612, App B Issue Screening 12/04/08 (CN 08-034)
- 0612, App C Documentation Guidance for Supplemental Inspections 02/02/09 (09-004)
- 0612, App D Guidance for Documenting Inspection Procedure 71152, "Identification and Resolution of Problems" 06/22/06 (06-015)
- 0612, App E Examples of Minor Issues 09/20/07 (07-029)
- 0612, App F Examples of Cross-cutting Aspects 06/22/06 (06-015)
- Documenting 10 CFR Part 52 Construction and Test Inspections 10/20/08 (08-029)
- Documenting 10 CFR 52 Construction Audit Activities 10/03/07 (07-030)
- 0615 Research and Test Reactor Inspection Reports 06/23/04 (04-018)

PART			
	CHAPTER		
	0616	Fuel Cycle Safety and Safeguards Inspecti (08-021)	on Reports 07/29/08
	0617	Reserved for Vendor Inspection Reports	
	0620	Inspection Documents and Records 01/27/06 (06-002)	
	0630	Analysis of the Impact of Noncompliance w Security Requirements 10/01/82 (82-09)	vith Physical
0700	Communicat	ions with Licensees	
	0730	Generic Communications Regarding Mater Issues 03/21/08 (08-011)	rials and Fuel Cycle
0800	Feedback - I	mproving the Regulatory Process	
	0801 0802	Reactor Oversight Process Feedback Prog Reserved for the Part 52 Program	gram 07/01/08 (08-019)
0900	Reporting of	Events/Incidents	
	0970	Potentially Generic Questions Identified by 12/11/00 (00-024)	Regional Offices
1000	Regional Off	ice Program Interfaces	
	1007	Interfacing Activities between Regional Off OSHA 02/11/04 (04-006)	ices of NRC and
1100	Notifications	of Meetings and Conferences	
	1120	Preliminary Notifications 06/22/06 (06-014)	
1200	Inspector Re	equirements	
	1201 1202 1220	Conduct of Employees 06/29/99 (99-010) Senior Resident Inspector Site Turnover 10 Processing of NRC Form 241, "Report of FIn Non-Agreement States," Areas of Exclus Jurisdiction and Offshore Waters, and Insp State Licensees Operating Under 10 CFR 05/01/03 (03-013)	Proposed Activities sive Federal ection of Agreement
	1220, App I	Procedures and Guidelines for Processing 05/01/03 (03-013)	NRC Form 241
1	D-1- 05/40/0		TABLE OF CONTENTS

1220, App II	Procedures Letter to be Sent to Licensees with Procedures and
	Information for Filing NRC Form 241 05/01/03 (03-013)
	Inspection of Agreement State Licensees 05/01/03 (03-013)
1230	Quality Assurance Program for Radiological Confirmatory
	Measurements 10/01/83 (83-12)
1232	Collection, Preparation, and Shipment of Independent
	Measurement Samples 11/18/86 (86-52)
1240	Unescorted Access at Power Reactors 12/01/04 (04-027)
1245	Qualification Program for the Office of Nuclear Reactor
	Regulation Programs 01/10/08 (08-001)
1245, Att 1	General Overview of the Inspector Training and Qualification
,	Program 10/31/06 (06-032)
1245, Att 2	Inspector Competencies 10/31/06 (06-032)
1245, Att 3	General Orientation Topics 10/31/06 (06-032)
•	Basic-level Training and Certification Journal 01/10/08 (08-001)
	General Proficiency-Level Training and Qualification Journal
1245, App D	01/10/08 (08-001)
1245 App C	
1245, App C	Reactor Operations Inspector Technical Proficiency Training and
1015 App CC	Qualification Journal 01/10/08 (08-001)
1245, App C2	Reactor Engineering Inspector Technical Proficiency Training
1015 1 00	and Qualification Journal 01/10/08 (08-001)
1245, App C	Health Physics Inspector Technical Proficiency Training and
	Qualification Journal 10/16/06 (06-027)
1245, App C4	Reactor Safeguards Inspector Technical Proficiency Qualification
	Journal 04/05/02 (02-014)
1245, App C5	Research and Test Reactor Inspector Technical Proficiency
	Qualification Journal 10/31/06 (06-032)
1245, App C6	6 Emergency Preparedness Inspector Technical Proficiency
	Training and Qualification Journal 08/24/04 (04-022)
1245, App C8	Vendor Inspector Technical Proficiency Qualification Journal
	01/10/08 (08-001)
1245, App C9	O Construction Inspector Technical Proficiency Qualification
, 11	Journal 05/01/03 (03-014)
1245. App C	10 Operator Licensing (OL) Examiner Technical Proficiency
-, -	Training and Qualification Journal 10/31/06 (06-032)
1245 App C	11 Security Risk Analyst Technical Proficiency Training and
c, , .pp c	Qualification Journal 04/09/09 (09-011)
1245 Ann D	1 Senior Reactor Analyst Training and Qualification Program
1240, App D	10/31/06 (06-032)
1245 App D3	B Engineering Specialties Training Areas 04/05/02 (02-014)
1246	Formal Qualification Programs in the Nuclear Material Safety and
4040 4 4	Safeguards Program Area 01/05/01 (01-002)
• •	Training Activities 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
	Fuel Cycle Safety Inspector 04/21/06 (04-009)
Sec. IV	Fuel Cycle Safeguards Inspector Physical Security
	01/05/01 (01-002)

Sec. V	NMSS Headquarters Fuel Cycle Safeguards Inspector Material
A 0.0 A 11 4	Control and Accounting 01/05/01 (01-002)
A06, Att 1	Spent Fuel Storage and Transportation Training Requirements for
A O.C. A ## O	Project Manager and Technical Reviewer 09/24/08 (08-027)
A06, Att 2	Training Requirements for Spent Fuel Storage and Transportation
Coo \/II	Inspector 09/24/08 (08-027)
Sec. VIII	Fuel Cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspectors and License Reviewers
Coo IV	01/05/01 (01-002)
Sec. IX Sec. X	Decommissioning Inspectors 01/05/01 (01-002) Decommissioning Project Managers/Technical Reviewers
Sec. A	04/14/03 (03-012)
Sec. XI	Materials Exempt Distribution License Reviewer
Sec. Al	01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
OCC. XIII	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 05/09/06 (05-011)
Sec. XV	High-Level Waste Repository License Technical Reviewer
OCO. 7(V	04/14/03 (03-012)
Sec. XVI	Training Requirements for Sealed Source and Device Reviewers
200. 700	02/11/04 (04-006)
1246. App B	NRC Inspector, License Reviewer and Project
,	Manager/Technical Reviewer Training and Qualification
	Journal 01/05/01 (01-002)
Sec. I	Materials License Reviewer 01/05/01 (01-002)
Sec. II	Materials Health Physics Inspector 01/05/01 (01-002)
Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector - Physical Security
	01/05/01 (01-002)
Sec. V	NMSS Headquarters Fuel cycle Safeguards Inspector Material
	Control and Accounting (MC&A) 01/05/01 (01-002)
B06, Att 1	Office of Nuclear Material Safety and Safeguards Qualification
	Journal for Spent Fuel Storage and Transportation Project Manager
	and Technical Reviewer 09/24/08 (08-027)
B06, Att 2	Office of Nuclear Material Safety and Safeguards Qualification
	Journal for Spent Fuel Storage and Transportation Inspector
	09/24/08 (08-027)
Sec. VII	Fuel cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspector and License Reviewer
_	01/05/01 (01-002)
Sec. IX	Decommissioning Inspector 01/05/01 (01-002)
Sec. X	Decommissioning Project Manager/Technical Reviewer
6	04/14/03 (03-012)
Sec. XI	Materials Exempt Distribution License Reviewer
0 \	01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer

CHAPTER

CHAPTER	
	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 05/09/06 (05-011)
Sec. XV	High-Level Waste Repository License Technical Reviewer 04/14/03 (03-012)
Sec. XVI	Technical Reviewer Qualification Journal Byproduct Material
	Sealed Source and Device Reviewers 02/11/04 (04-006)
1247	Qualification Program for Fuel Facility Inspectors in the Nuclear Material Safety and Safeguards Program Area 02/18/09 (09-006)
1247. App A	Basic-Level Training and Certification Journal Fuel Facility
	Inspector 02/18/09 (09-006)
1247, App B	General Proficiency-Level Training and Qualification Journal
1247 Ann C	02/18/09 (09-006) 1 Fuel Facility Operations Inspector Technical Proficiency Training
1217,7000	and Qualification Journal 02/18/09 (09-006)
1247, App C	2 Fuel Facility Health Physics Inspector Technical Proficiency
1017 1 0	Training and Qualification Journal 02/18/09 (09-006)
1247, App C	3 Fuel Facility Emergency Preparedness Inspector Technical
1247 Ann C	Proficiency Training and Qualification Journal 02/18/09 (09-006) 5 Fuel Facility Material Control & Accounting Inspector Technical
1247, App C	Proficiency Training and Qualification Journal 02/18/09 (09-006)
1252	Construction Inspector Training and Qualification Program 11/25/08
0_	(08-033)
1252, App A	Construction Inspector Basic-Level Training and Certification
	Journal 11/25/08 (08-033)
1252, App B	Construction Inspector General Proficiency-Level Training and
1252 Ann C	Qualification Journal 11/25/08 (08-033) Construction Inspector Technical Proficiency-Level Training and
1232, App C	Qualification Journal 11/25/08 (08-033)
Incident Res	<u>ponse</u>
1301	Response to Non-Emergency Incidents Involving Radioactive
	Material 10/20/00 (00-022)
1302	Action Levels for Radiation Exposures and Contamination
	Associated with Materials Events Involving Members of the Public
1202	07/14/05 (05-019)
1303	Requesting Emergency Acceptance of Radioactive Material by the U.S. Department of Energy 11/29/07 (07-037)
1330	Response to Transportation Accidents Involving Radioactive
-	Materials 10/06/04 (04-025)
1360	Use of Physician and Scientific Consultants in the Medical
	Consultant Program 11/02/06 (06-033)

1400 Reserved

1300

State Contracts for Environmental Monitoring 06/28/91 (91-009) 1415

<u>PART</u>	CHAPTER	
1500	Reserved	
1600	Emergency F	<u>Preparedness</u>
1700	1601 Reserved	Communication Protocol for Assessing Offsite Emergency Preparedness Following a Natural Disaster 07/07/05 (05-018)
1800	Reserved	
1900	Reserved	
2000	Reserved	
2100	Reserved	
2200	Nuclear Security and Incident Response	
	2201	Security and Safeguards Inspection Program for Commercial Power Reactors 02/19/04 (04-007)
	2201 App A	Security and Safeguards Baseline Inspection Program 01/10/08 (08-001)
	2201 App C	Supplemental Inspection Program 02/19/04 (04-007) Generic, Special, and Infrequent Inspections 02/19/04 (04-007) Facility Status Reviews 02/19/04 (04-007) Inspection of Additional Security Measures for Radioactive Material
	2201/001 Ap	Quantities of Concern 09/18/06 (06-024) p B Inspection Requirements and Guidance for Handling and Protection of Safeguards Information - Modified Handling 09/18/06 (06-024)
	2201/001 Ap	p C Radioactive Material Quantities of Concern Security Inspection Record 09/18/06 (06-024)
	2201/002	Inspection of Transition of Contract Security to Proprietary Security Force 04/09/09 (09-011)
	2201/003	Reserved for Fitness for Duty Part 26 Subpart K
2300	High Level W	<u>/aste</u>

Yucca Mountain Inspection Program License Application Review Period 09/11/08 (08-026) 2300

CHAPTER

2512/021

2512/022

2512/023

2512/024

2400 Low Level Waste Program 2401 Near-Surface Low-Level Radioactive Waste Disposal Facility Inspection Program 11/27/01 (01-028) 2410 Conduct of Observation Audits 07/12/00 (00-012) 2500 Reactor Inspection Program 2501 Construction Inspection Program: Early Site Permit (ESP) 10/03/07 (07-030) Construction Inspection Program: Pre-Combined License (Pre-2502 COL) Phase 10/03/07 (07-030) 2503 Construction Inspection Program: Inspections of Inspections, Tests. Analyses, and Acceptance Criteria (ITAAC) 10/03/07 (07-030) Construction Inspection Program - Non-ITAAC Inspections 2504 10/03/07 (07-030) 2505 Periodic Assessment of Construction Inspection Program Results 10/20/08 (08-029) Construction Inspection Program: Vendor Inspections 10/03/07 (07-2507 030) 2508 Construction Inspection Program: Design Certification 10/03/07 (07-030)2512 Light Water Reactor Inspection Program - Construction Phase 12/17/86 (reactivated 07-032) 2512/07 Rev 2 Regional Construction Assessment Team Inspections 01/27/84 (reactivated 08-004) 2512/15 Inspection of Watts Bar Nuclear Plant Employee Concerns Program 11/18/85 (reactivated 08-004) Inspection of Watts Bar Nuclear Plant Cable Issues Corrective 2512/016 Action Program Plan 07/13/92 (reactivated 08-004) Inspection of Watts Bar Nuclear Plant Cable Tray and Supports 2512/017 Corrective Action Program Plan 07/13/92 (reactivated 08-004) 2512/018 Inspection of Watts Bar Nuclear Plant Electrical Conduit and Supports Corrective Action Program Plan 07/13/92 (reactivated 08-004) 2512/019 Inspection of Watts Bar Nuclear Plant Design Baseline Corrective Action Program Plan 07/13/92 (reactivated 08-004) 2512/020 Inspection of Watts Bar Nuclear Plant Electrical Issues Corrective

		•	•
Issue Date: 05/13/09	10		TABLE OF CONTENTS

Action Program Plan 07/13/92 (reactivated 08-004)

Action Program Plan 07/13/92 (reactivated 08-004)

Action Program Plan 07/13/92 (reactivated 08-004)

Inspection of Watts Bar Nuclear Plant Equipment Seismic

Corrective Action Program Plan 07/13/92 (reactivated 08-004)

Inspection of Watts Bar Nuclear Plant Fire Protection Corrective

Inspection of Watts Bar Nuclear Plant Hanger Update Corrective

Inspection of Watts Bar Nuclear Plant Heat Code Traceability Corrective Action Program Plan07/13/92 (reactivated 08-004)

2512/025	Inspection of Watts Bar Nuclear Plant HVAC Duct and Supports
2512/026	Corrective Action Program Plan 07/13/92 (reactivated 08-004)
2512/026	Inspection of Watts Bar Nuclear Plant Instrument Lines Corrective Action Program Plan 07/13/92 (reactivated 08-004)
2512/027	Inspection of Watts Bar Nuclear Plant Piece Parts/Procurement
2012/02/	Corrective Action Program Plan 07/13/92 (reactivated 08-004)
2512/028	Inspection of Watts Bar Nuclear Plant QA Records Corrective
2312/020	Action Program Plan 07/13/92 (reactivated 08-004)
2512/029	Inspection of Watts Bar Nuclear Plant Q-List Corrective Action
	Program Plan 07/13/92 (reactivated 08-004)
2512/030	Inspection of Watts Bar Nuclear Plant Seismic Analysis Corrective
	Action Program Plan 07/13/92 (reactivated 08-004)
2512/031	Inspection of Watts Bar Nuclear Plant Vendor Information
	Corrective Action Program Plan 07/13/92 (reactivated 08-004)
2512/032	Inspection of Watts Bar Nuclear Plant Welding Corrective Action
	Program Plan 07/13/92 (reactivated 08-004)
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
	05/01/08 (08-014)
2515 App A	Risk-Informed Baseline Inspection Program 09/03/08 (08-025)
2515 App B	Supplemental Inspection Program 01/26/07 (07-004)
2515 App C	Special and Infrequently Performed Inspections
	01/10/08 (08-001)
2515 App D	Plant Status 09/03/08 (08-025)
2515 App E	Inspection Program Modifications during a Pandemic 01/26/07 (07-
	004)
2515/147	Expanded Table-Top Drill Evaluation 08/14/02 (02-030)
	(Note this TI contains safeguards material)
2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory
Rev. 2	Measures 03/19/03 (03-009)
2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration
Rev. 3	Nozzles (NRC Order EA-03-009) 02/18/05 (05-006)
2515/151	Expanded Pilot Force-on-Force Exercise Evaluation
2010/101	02/06/03 (03-002)
2515/155	Mark I and Mark II Containment Vulnerabilities
2010/100	12/12/03 (03-040) (Note: TI withheld from public disclosure since
	it contains sensitive security information)
2515/157	Mark I and Mark II Containment Operations
2010/10/	05/06/04 (04-012) (Note: TI withheld from public disclosure since
	it contains sensitive security information.)
2515/158	Functional Review of Low Margin/Risk Significant Components and
2010/100	Human Actions 06/14/04 (04-017)
	Affecting Safety-Related Equipment 07/29/04 (04-021)
2515/162	Safeguards Information 04/13/05 (05-010)
2515/164	Inspection of Nuclear Reactor Safeguards Interim Compensatory
2010/104	Measures - Section B.5.b of the February 25, 2002, Order
	[Safeguards Information] 06/28/05 (05-017)
2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC
2313/100	Rev. 1 Generic Letter 2004-02] 05/16/07 (07-016)
2515/168	Closeout Inspection of Nuclear Reactor Safeguards Interim
2313/100	Compensatory Measures - Section B.5.b of the February 25, 2002,
2515/170	Orders. [Safeguards Information] 05/19/06 (06-012)
2515/170	Risk Management Technical Specifications - Initiative 4b - Risk-
0515/171	Informed Completion Times 11/29/07 (07-037)
2515/171	Verification of Site Specific Implementation of B.5.b Phase 2 & 3
Rev. 1	Mitigating Strategies 07/25/08 (08-020)
2515/172	Reactor Coolant System Dissimilar Metal Butt Welds 02/21/08 (08-009)
2515/173	,
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)

CHAPTER

2515/176	Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing 05/16/08 08-015
2515/177	Reserved for Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01)
2515/178	Reserved for Risk Management Technical Specifications Initiative 5b Surveillance Frequency Control Program
2516	Policy and Guidance for the License Renewal Inspection Programs 02/18/05 (05-006)
2517	Watts Bar Unit 2 Construction Inspection Program 02/15/08 (08-008)
2545	Research and Test Reactor Inspection Program 06/23/04 (04-018)
2561	Decommissioning Power Reactor Inspection Program 04/14/03 (03-012)
2561/003	Re-Examination of Year 2000 (Y2K) Program Activities at Selected
	Decommissioning Reactors 11/30/99 (99-019)
2561/004	Safeguards and Emergency Preparedness Inspection of Interim Compensatory Measures at Decommissioning Power Reactors 04/22/03 (03-011)

2600 Fuel Cycle Facility Inspection Program

2600	Fuel Cycle Facility Operational Safety and Safeguards Inspection Program 05/13/09 (09-012)
• •	Guidance For Conducting Fuel Cycle Inspections 08/15/07 (07-025) NRC Core Inspection RequirementsTables 1 and 2 08/15/07 03/21/08 (08-011)
2600, App C	Fuel Cycle Resident Inspection Program 08/15/07 (07-025)
	Fuel Cycle Facility Inspection Planning 03/21/08 (08-011)
2600/014	Reserved for Inspection Guidance for Applying Safety Culture
	Components Within the Inspection and Enforcement Program for
	Fuel Cycle Facilities
2601	Team Assessments of Fuel Cycle and Materials Licensees
	05/04/90 (90-004)
2602	Decommissioning Oversight and Inspection Program for Fuel
	Cycle Facilities and Materials Licensees 07/29/08 (08-021)
2604	Licensee Performance Review 06/28/02 (02-024)
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
000=	Program 05/18/05 (05-0013)
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 09/26/96 (96-020)

\neg	\neg
РΑ	КI

CHAPTER

2682	Technical Assistance for Safeguards MC&A Inspections at Fuel Facilities 06/18/84 (84-18)
2683	MC&A Safeguards Inspection of Fuel Facilities 07/22/99 (99-011)
2690	Inspection Program for Dry Storage of Spent Reactor Fuel at
2000	Independent Spent Fuel Storage Installations and for
	10 CFR Part 71 Transportation Packagings 08/04/08 (08-022)
2690/008	Inspection of Additional Security Measures for Dry Cask Storage at
2000/000	Independent Spent Fuel Storage Installation(s) Located Within the
	Protected Area of an Operating Reactor Facility 10/17/08 (08-028)
	(Note: This TI contains safeguards material.)
2690/009	Inspection of Additional Security Measures for Dry Cask Storage at
2000/000	Independent Spent Fuel Storage Installation(s) at an Operating
	Reactor Facility on the Owner Controlled Area Outside of the
	Reactor Protected Area 10/17/08 (08-028)
	(Note: This TI contains safeguards material.)
2960/010	Inspection of Safeguards Compensatory Measures for Dry Cask
2900/010	Storage at Independent Spent Fuel Storage Installation(s) Not Co-
	Located at an Operating Reactor Facility 10/17/08 (08-028)
	(Note: This TI contains safeguards material.)
2694	USEC Inc. Gas Centrifuge Facility Construction and Pre-
2004	operational Readiness Review Inspection Programs 05/16/07 (07-
	016)
2696	Louisiana Energy Services Gas Centrifuge Facility Construction
2030	and Pre-Operational Readiness Review Inspection Programs
	10/19/06 (06-028)
	10/13/00 (00-020)

2700 <u>Licensee Contractor and Vendor Inspection Program</u>

2700 Vendor Inspection Program (VIP) 10/29/90 (90-013)

2800 <u>Materials Inspection Program</u>

2800	Materials Inspection Program 09/28/05 (05-027)
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)
2800/034	Inspection of Panoramic and Underwater Irradiators Additional
	Security Measures 02/12/04 (04-005)
2800/035	Verification of Licensee Responses to NRC Bulletin 2003-04
	Regarding Inventories of Source and Special Nuclear Materials
	Tracked in the Nuclear Materials Management and Safeguards
	System 07/29/04 (04-021)
2800/036	Inspection of Manufacturing and Distribution Licensees
	09/13/04 (04-024)
2800/037	Safety Procedures for Panoramic Irradiators 07/14/05 (05-019)
	Rev 1

PART	-	
	CHAPTER	
	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)
	2801	Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
	2810	Master Materials License Inspection Program 09/15/03 (03-034)
	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		e Appraisal Program
	2901 2920	Team Inspections 08/24/01 (01-016) Construction Appraisal Team Inspection Program 03/29/85 (85-11)
<u>PART</u>	PROCEDUF	<u>RE</u>
3000	Managemer	nt 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	Reserved	
3300	Reserved	
3400	Reserved	
3500	Quality Assu	<u>urance</u>
	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)
	Quality Assu	Early Site Permit Pre-Docketing Quality Assurance Controls Meeting 05/29/03 (03-018) Pre-Docketing Early Site Permit Quality Assurance Controls

35005	Pre-Application Quality Assurance Program Audit 10/03/07 (07-
35006	030) Post-Docketing Early Site Permit Quality Assurance Controls
00000	Inspection 05/29/03 (03-018)
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)
35020	Inspection of Applicant's Surveillance of Contractor Quality
05004	Assurance (QA) Activities 06/22/05 (05-016)
35021	Post-Docketing Implementation of Quality Assurance (QA) Activities Related to Design, Procurement and Construction
	06/22/05 (05-016)
35023	Reserved for Design Reliability Assurance Program
35025	Inspection of COL Holder's Surveillance of Contractor Quality
35029	Assurance Activities 10/03/07 (07-030) Pre-Combined License (COL) Quality Assurance (QA) Inspection
33029	of Site Limited Work Authorization (LWA) 1 & 2 Activities
	06/22/05 (05-016)
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
35034	Assurance Controls Inspection
35060	Reserved for Design Qualification Testing Inspection Licensee Management of QA Activities 04/01/83 (reactivated 07-
00000	032)
35061	In-Depth QA Inspection of Performance 11/19/85 (reactivated 07-034)
35065	Procurement, Receiving, and Storage 04/01/83
05400	(Reactivated 07-032)
35100	Review of the QA Manual 06/22/05 (05-016)
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)
35752	Part 52 - Procurement Control & Receipt, Storage and Handling of
	Equipment and Materials 10/03/07 (07-030)
35753	QA Program - Control of Tests & Measuring and Test Equipment
05000	10/03/07 (07-030)
35960	QA Program Evaluation of Engineering Organization 10/01/82 (reactivated 07-034)
35961	QA Implementation of Criterion I - Evaluation of Engineering
JJJU 1	Organization Conducting First-of-a-Kind Engineering 10/03/07
	(07-030)
	•

PART PROCEDURE 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 10/03/07 (07-030) 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 37051 Verification of As-Builts 12/04/87 (reactivated 07-032) 37301 Comparison of As-Built Plant to FSAR Description 03/22/85 (reactivated 08-032) Onsite Design Activities 04/01/83 (reactivated 07-032) 37055 37700 Design Changes, and Modifications 09/17/01 (01-017) Safety Reviews, Design Changes, and Modifications at 37801 Permanently Shutdown Reactors 08/11/97 (97-012) 37802 First-of-a-Kind Engineering Inspections 06/22/05 (05-016) 37803 Reserved 3800 Procurement 38703 Commercial Grade Dedication 04/08/96 (96-007) 3900 Records 39701 Records Program 09/17/01 (01-017) 4000 Review and Audit 40001 Resolution of Employee Concerns 06/03/97 (97-006) Inspections to Review Allegations 06/28/02 (02-024) 40002 Part 52. Identification and Resolution of Construction Problems 40504 10/03/07 (07-030) Reserved for Effectiveness of Process to Identify, Resolve, and 40505 **Prevent Construction Problems** 40600 Reserved for Licensee Program for ITAAC Closure 40801 Self-Assessment, Auditing, and Corrective Action at Permanently Shutdown Reactors 08/11/97 (97-012) 4100 Training

Issue Date: 05/13/09 3 TABLE OF CONTENTS

PART PROCEDURE 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) 4200 Procedures 42001 Emergency Operating Procedures 06/28/91 (91-009) 42051 Fire Prevention and Protection 10/01/77 (reactivated 08-004) 42401 Reserved for Part 52, Plant Procedures Part 52, Operating Procedures Inspection 08/19/08 (08-024) 42453 42454 Part 52, Emergency Procedures 07/29/08 (08-021) Plant Procedures 11/15/95 (95-015) 42700 4300 Vendor Procedures 43001 Reactive Inspection of Nuclear Vendors 10/11/94 (94-018) 43002 Routine Inspections of Nuclear Vendors 10/03/07 (07-030) Reactive Inspections of Nuclear Vendors 10/03/07 (07-030) 43003 43004 Inspection of Commercial-Grade Dedication Programs 10/03/07 (07-030)NRC Oversight of Third-Party Organizations Implementing Quality 43005 Assurance Requirements 10/03/07 (07-030) 4400 Reserved 4500 Geotechnical/Foundation Geotechnical/Foundation Activities Procedure Review 45051 05/29/03 (03-018) Geotechnical/Foundation Activities Procedure Review 03/23/84 45051.A (reactivated 08-004) Review of Geotechnical and Site Characterization Activities 45052 10/03/07 (07-030) Geotechnical/Foundation Activities Work Observation 03/23/84 45053 (reactivated 07-034) Geotechnical/Foundation Activities Record Review 03/23/84 45055 (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) Structural Concrete Record Review 07/01/83 (reactivated 07-034) 46055 Structural Masonry Construction 12/17/86 (reactivated 07-034) 46061

Concrete Expansion Anchors 12/17/86 (reactivated 07-034)

46071

PART				
<u></u>	PROCEDURE			
4700	Containment	t (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	<u>Piping</u>	o. co2)		
	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 50002	Steam Generator Replacement Inspection 03/23/09 (09-010) 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 (CN 08-034)		
	50055	Reactor Vessel and Internals Record Review 08/16/82 (reactivated 07-034)		
	50054	Reserved for Reactor Vessel Material Surveillance Program		

	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
D . 0=.40.0	

PROCEDURE

08/06/03 (03-028)

5100	Electrical Co	mponents and Systems
	51051	Electrical Components and Systems – Procedure Review 03/30/84
	51053	(reactivated 07-034) Electrical Components and systems - Work Observation
	51055	08/06/03 (03-028) Electrical Components and Systems - Record Review 08/06/03 (03-028)
	51061 51063 51065 51080	Electrical Cable - Procedure Review 08/06/03 (03-028) Electric Cable - Work Observation 11/19/85 (reactivated 07-034) Electric Cable - Record Review 03/30/84 (reactivated 07-034) Reserved for Equipment Qualification
5200	Instrumentat	ion Systems and Components
	52003	Digital Instrumentation and Control Modification Inspection
	52051	10/31/08 (08-031) Instrument Components and Systems – Procedure Review
	52053	03/30/84 (reactivated 07-034) Instrument Components and Systems – Work Observation
	52055	03/30/84 (reactivated 07-034) Instrument Components and Systems – Record Review 03/30/84 (reactivated 07-034)
53	00 <u>Containm</u>	nent Penetrations
	53051	Containment Penetrations (Mechanical) Procedure Review
	53053	01/27/84 (reactivated 07-034) Containment Penetrations (Mechanical) Work Observation
	53055	01/27/84 (reactivated 07-034) Containment Penetrations (Mechanical) Record Review 01/17/84 (reactivated 07-034)
5400	Cleanliness	
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 55150	Structural Welding General Inspection Procedure 06/20/83 (83-06) Weld Verification Checklist 06/20/83 (reactivated 07-034)
5600	Calibration	
	56700	Calibration 03/23/05 (05-008)
laarra	Data: 05/12/0	0 TADLE OF CONTENTS

PART PROCEDURE

5700	00 Nondestructive Examination, Destructive Examination and Fabrication Testing		
	57050 57060 57070 57080 57090	Visual Testing Examination 03/09/99 (99-003) Liquid Penetrant Testing Examination 03/09/99 (99-003) Magnetic Particle Testing Examination 03/09/99 (99-003) Ultrasonic Testing Examination 03/09/99 (99-003) Nondestructive Examination Procedure Radiographic Examination Procedure Review/Work Observation/Record Review 06/14/93 (93-005)	
5800	Special Proc	<u>cesses</u>	
5900	Reserve Shu	utdown System	
6000	Fuel Fabrica	tion, Handling and Storage	
	60501 60705 60710 60801	Fuel Receipt and Storage 04/30/75 (reactivated 08-032) Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009) Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)	
	60851 60852	Design Control of ISFSI Components 01/16/08 (08-003) 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 60856.1	Review of 10 CFR 72.212(b) Evaluations 03/05/08 (08-010) Review of 10 CFR 72.212(b) Evaluations at Operating Plants 02/02/04 (04-003)	
	60857 60858	Review of 10 CFR 72.48 Evaluations 10/24/07 (07-033) Away-From-Reactor ISFSI Inspection Guidance 05/03/07 (07-015)	
6100	Surveillance		
	61705	Calibration of Nuclear Instrumentation Systems 05/12/86 (86-25)	
	61706 61707	Core Thermal Power Evaluation 07/14/86 (86-36) Determination of Reactor Shutdown Margin 10/11/85	
Issue	Date: 05/13/0	7 TABLE OF CONTENTS	

PROCEDURE

		_
		(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	Maintenance	
	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)
	62709	Configuration Risk Assessment and Risk Management Process 12/28/00 (00-029)
	62710	Power-Operated Gate Valve Pressure Locking and Thermal Binding 01/17/02 (02-001)
	62711	Reserved for Operational Reliability Assurance Process"
	62708	Motor-Operated Valve Capability 09/12/00 (00-018)
	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 Preventi	on/Protection
	64051	Procedures – Fire Prevention/Protection 07/01/79 (reactivated 07-034)
	64053	Fire Loop Installation 07/01/79 (reactivated 07-034)
	64102	Reserved for Part 52 Post fire Safe Shutdown, Emergency Lighting
		and Oil Collection Capabilities
	64704 64705	Fire Protection Program 06/24/98 (98-010) 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 10/03/07 (07-030)
	65001.A	ITAAC Attributes for As-Built Inspection 10/03/07 (07-030)
	D (05/40/0	

8 **TABLE OF CONTENTS** Issue Date: 05/13/09

65001.B	Inspection of the ITAAC-Related Welding Program 08/19/08 (08-024)
65001.C	Inspection of the ITAAC-Related Construction Test Program 10/03/07 (07-030)
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 08/19/08 (08-024)
65001.01	Inspection of ITAAC-Related Foundations & Buildings 10/03/07 (07-030)
65001.02	Inspection of ITAAC-Related Installation of Structural Concrete 10/03/07 (07-030)
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 o 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)
65001.10	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)
65001.14	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)
65001.18	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)
65051	Low-Level Radioactive Waste Storage Facilities 06/13/86 (reactivated 07-034)

- 6600 Reserved
- 6700 Reserved
- 6800 Reserved

PART PROCEDURE

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)
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)

7000 Preoperational Testing

70300	Preoperational Test Procedure Test Review 10/01/83 (reactivated 08-032)
70301	Overall Preoperational Test Program Review Requirements 10/01/83 (reactivated 08-032)
70302	Preoperational Test Program Implementation 10/01/83 (reactivated 08-032)
70304	Engineered Safety Features Test - Preoperational Test Procedure Review 08/06/03 (03-028)
70305	Reactor Protection System Test Preoperational Test Procedure Review Preoperational Testing Procedure Verification 01/01/79 (reactivated 08-032)
70306	Loss of Offsite Power Test - Preoperational Test Procedure Review 01/01/79 (reactivated 09-003)
70307	Containment Integrated Leak Rate Test - Procedure Review 03/07/86 (86-13)
70308	Preoperational Hot Functional Testing - PWR Procedure Review) 10/01/83 (reactivated 08-032)
70311	Preoperational Testing Procedure Verification 10/01/83 (reactivated 08-032)
70312	Preoperational Test Witnessing 10/01/83 (reactivated 08-032)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70314	HFT Witnessing 10/01/81 (reactivated 08-032)

70315	Engineered Safety Features Test Preoperational Test Witnessing)
70040	01/01/79 (reactivated 08-032)
70316	Loss of Offsite Power Test Preoperational Test Witnessing
70317	01/01/79 (reactivated 08-032) Reactor Protection System Test Preoperational Test Witnessing
70317	01/01/79 (reactivated 08-032)
70323	Containment Leak Rate Test Results Evaluation
10020	10/03/85 (85-30)
70324	Preoperational Test Results Evaluation - Integrated Hot Functional
70021	Test 04/01/77 (reactivated 08-032)
70325	Preoperational Test Results Evaluation - Reactor Protection
	System 01/01/79 (reactivated 08-032)
70326	Preoperational Test Results Evaluation - Loss of Offsite Power
	01/01/79 (reactivated 08-032)
70329	Preoperational Test Result Evaluation Verification 10/01/83
	(reactivated 08-032)
70331	Vibration Test- Preoperational Test Procedure Review
	01/01/79 (reactivated 09-003)
70332	Control Rod System Test - Preoperational Test Procedure
	Review 01/01/79 (reactivated 09-003)
70333	Chemical Control System Test - Preoperation Test Procedure
	Review 01/01/79 (reactivated 09-003)
70334	Engineered Safety Features Act. Sys.Test - Preoperational
7 000 7	Test Procedure Review 01/01/79 (reactivated 09-003)
70335	Safety and Relief Valve Test - Preoperational Test Procedure
70000	Review 01/01/79 (reactivated 09-003)
70336	Residual / Decay Heat Removal System Test - Preoperational
70227	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
70330	Procedure Review 01/01/79 (reactivated 09-003)
70339	Component Cooling Water System Test - Preoperational; Test
70000	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)

PART PROCEDURE

70246	Aux Dida Heat (Cool/Mant System Test Dreenerational
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
70547	Test Procedure Review 01/01/79 (reactivated 09-003)
70348	Main Feedwater Control System Test - Preoperational Test
70040	Procedure Review 01/01/79 (reactivated 09-003)
70349	Reactor Coolant Leak Detection System Test - Preoperational
70040	Test Procedure Review 01/01/79 (reactivated 09-003)
70350	Loose Parts Monitoring System Test - Preoperational Test
70000	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	Reserved for Part 52 Containment Leak Rate Testing
70000	(Programmatic)
70369	Reserved for Part 52 Containment Leak Rate Testing
70370	Testing Piping Support and Restraint Systems 03/07/86 (86-13)
70371 70400	Reserved for Part 52 Testing of Pipe Support and Restraint System Preoperational Test Results Evaluation 10/01/83
70400	(reactivated 08-032)
70431	Vibration Test - Preoperational Test Witnessing 01/01/79
70401	(reactivated 09-003)
70432	Control Rod System Test - Preoperational Test Witnessing
	01/01/79 (reactivated 09-003)
70433	Chemical Control System Test - Preoperational Test Witnessing
	01/01/79 (reactivated 09-003)
70434	Engineered Safety Features Act. Sys. Test - Preoperational Test
	Witnessing 01/01/79 (reactivated 09-003)
70435	Safety and Relief Valves Test - Preoperational Test Witnessing
	01/01/79 (reactivated 09-003)
70436	Residual / Decay Heat Removal System Test - Preoperational Test
	Witnessing 01/01/79 (reactivated 09-003)
70437	Main Stream Isolation Valve Test - Preoperational Test Witnessing
	01/01/79 (reactivated 09-003)
70438	Auxilliary Feedwater System Test - Preoperational Test Witnessing
70400	01/01/79 (reactivated 09-003)
70439	Component Cooling Water System Test - Preoperational Test
	Witnessing 01/01/79 (reactivated 09-003)

7100

71004

PROCEDURE

INOCEDONE			
	70440	D.C. Power System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70441	Emergency / Standby Power Supply System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70442	Containment Combustible Gas Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70443	Containment Spray System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70444	Containment Isolation Valve Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70445	Containment Heat/Cool/Vent. System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70446	Auxiliary Bldg. Heat/Cool/Vent. System Test - Preoperational Test Witnessing	
	70447	Pressurizer and Level Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70448	Main Feedwater Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70449	Reactor Coolant Leak Detection System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70450	Loose Parts Monitoring System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70451	Integrated Reactor Control System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70452	Remote Reactor Shutdown Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70453	Cranes, Hoists and Lifting Equipment Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70454	Nuclear Instrumentation System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70455	Compressed Gas System Test - Preoperational Test Witnessing 01/01/79 (reactivated 09-003)	
	70462	Reactor Coolant System Hydrostatic Test - Test Witnessing 10/01/83 (reactivated 08-032)	
	70562	Reactor Coolant System Hydrostatic Test Results Evaluation 10/01/83 (reactivated 08-032) Reserved	
	70701 70702	Reserved	
	Operations (License & TS Requirements)	
	71002	License Renewal Inspection 02/18/05 (05-006)	
	71003	Post-Approval Site Inspection for License Renewal	
	74004	10/31/08 (08-031)	
	74004		

71007 71111

Reactor Vessel Head Replacement Inspection 06/04/07 (07-018) Reactor Safety-Initiating Events, Mitigating Systems,

Barrier Integrity 05/16/08 (08-015)

Power Uprate 02/02/09 (09-004)

71111.01	Adverse Weather Protection 04/09/09 (09-011)
71111.04	Equipment Alignment 02/27/07 (07-007)
71111.05AQ	Fire Protection (Annual / Quarterly) 01/31/08 (08-005)
71111.05N	Reserved for Fire Protection - NFPA 805 (Triennial)
71111.05T	Fire Protection (Triennial) 04/21/06 (06-009)
71111.05TTF	PFire Protection-NFPA 805 Transition Period [Triennial] 05/09/06
	(05-011)
71111.06	Flood Protection Measures 08/19/08 (08-024)
71111.07	Heat Sink Performance 03/23/09 (09-010)
71111.08	In-service Inspection Activities 03/23/09 (09-010)
71111.11	Licensed Operator Requalification Program 1/05/06 (06-001)
71111.12	Maintenance Effectiveness 01/31/08 (08-005)
71111.13	Maintenance Risk Assessments and Emergent Work Control 01/31/08 (08-005)
71111.15	Operability Evaluations 01/31/08 (08-005)
71111.17	Evaluations of Changes, Tests, or Experiments and Permanent
	Plant Modifications 10/31/08 (08-031)
71111.18	Plant Modifications 10/31/08 (08-031)
71111.19	Post Maintenance Testing 01/17/02 (02-001)
71111.20	Refueling and Other Outage Activities 01/31/08 (08-005)
71111.21	Component Design Bases Inspection 08/19/08 (08-024)
71111.22	Surveillance Testing 02/27/07 (07-007)
71114	Reactor Safety-Emergency Preparedness 06/29/06 (06-016)
71114.01	Exercise Evaluation 06/29/06 (06-016)
71114.02	Alert and Notification System Testing 06/29/06 (06-016)
71114.03	Emergency Response Organization Augmentation Testing
744404	08/24/07 (07-026)
71114.04	Emergency Action Level and Emergency Plan Changes
74444.05	10/31/08 (08-031)
71114.05	Correction of emergency Preparedness Weaknesses and
74444.00	Deficiencies 10/25/06 (06-029)
71114.06	Drill Evaluation 10/25/06 (06-029)
71114.07 71121	Force-On-Force (FOF) Exercise Evaluation 10/04/07 (07-031)
71121	Occupational Radiation Safety 03/06/02 (02-008) Access Control to Radiologically Significant Areas
11121.01	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
	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)
	01/24/03 (03-001)
71130	Physical Protection 12/10/08 (08-035)
71130.01	Access Authorization 12/10/08 (08-035)
71130.02	Access Control 12/10/08 (08-035)

PROCEDURE

71130.03	Contingency Response - Force-On-Force Testing 02/05/09 09-005
71130.04	Equipment Performance, Testing, & Maintenance 12/10/08 (08-035)
71130.05	Protective Strategy Evaluation 12/10/08 (08-035)
71130.07	Security Training 12/10/08 (08-035)
71130.08	Fitness For Duty Training 12/10/08 (08-035)
71130.09	Owner-Controlled Area Controls 12/10/08 (08-035)
71130.11	Material Control & Accounting (MC&A) 12/10/08 (08-035)
71150	Discrepant or Unreported Performance Indicator Data
	01/04/07 (07-001)
71151	Performance Indicator Verification 06/28/07 (07-021)
71152	Identification and Resolution of Problems 01/10/08 (08-001)
71153	Follow-up of Events and Notices of Enforcement Discretion 02/12/08 (08-007)
71302	Preoperational Test Program Implementation Verification 10/01/83 (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
	(92-004)
71801	Decommissioning Performance and Status Review at
	Permanently Shutdown Reactors 08/11/97 (97-012)
71841	Human Performance 12/12/00 (00-027)

7200 Startup Testing

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 Test Results Evaluation 09/05/06 (06-021)
72304	Startup Testing for AP 1000: Test Procedure Review, Test
	Witnessing, 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 07/01/80 (80-16)
72510B	Power Ascension Procedure Review - Relief Valves
	and MSIVs 04/30/75 (75-16)
72512B	Startup Test Procedure Review - RCIC or Recirculation
	Pump Trip 04/30/75 (75-16)

Issue Date: 05/13/09 15 TABLE OF CONTENTS

72514B	Startup Test Procedure Review - Turbine Trip/Generator Trip 07/01/80 (80-16)
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 Pl01/14/86 (86-03)
	- \ \ /

7300 <u>In-service Inspection</u>

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
	07/01/08 (08-019)

PART PROCEDURE			
	<u> </u>		
	73055	Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034)	
	73753 73754	In-service Inspection 06/24/98 (98-010) Reserved for Part 52 In-service Inspection - Observation of Work and Work Activities	
	73755	In-service Inspection - Data Review and Evaluation 01/14/86 (86-03)	
	73756 73757	In-service Testing of Pumps and Valves 07/27/95 (95-009) Part 52 In-service Inspection - Data Review and Evaluation 04/18/08 (08-012	
7400	Reserved	04/10/00 (00-012	
7500	Reserved		
7600	Reserved		
7700	Reserved		
7800	High Level V	<u>Vaste</u>	
	78010	10 CFR Part 21 Program 09/11/08 (08-026)	
7900	Water Chem	<u>iistry</u>	
	79501	LWR Water Chemistry Control and Chemical Analysis – Audits	
	79502	02/24/89 (reactivated 08-032) Plant Systems Affecting Plant Water Chemistry 12/31/91	
	79503	(reactivated 08-032) Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis	
	79504 79702	(Pre-Op and Supp) Reserved for Part 52 Plant systems Affecting Plant Water Chem. Control and monitoring of Radiological Source Term 04/17/00 (00-006)	
8000	Environment	tal Protection	
	80210	Environmental Protection - Initial and Periodic Inspections	
	80211	06/22/05 (05-016) Reserved for Part 52 Environmental Protection - Initial & Periodic	
	80521	Inspection Radiological Environmental Monitoring (Preoperational and	
	80522	Supplemental) 01/01/84 (reactivated 08-032) Part 52, Radiological Environmental Monitoring Program (REMP)	
	80721	07/01/08 (08-019) Radiological Environmental Monitoring 09/17/01(01-017)	
8100	Physical Sec	surity	

8100 Physical Security

81001 81001.1	Independent Spent Fuel Storage Installations 09/17/01 (01-017) 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)
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 SSNM 05/09/84 (84-15)
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 05/09/84 (84-15)
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)

PROCEDURE

	81089	Reserved for Part 52 Communications
	81310	Physical Protection of Shipments of Irradiated Fuel 12/22/08 (08-037)
	81335	Physical Protection of Shipments of SNM of Moderate
		Strategic Significance (MSNM) 02/20/86 (86-09)
	81340	Physical Protection of Shipments of SNM of Low Strategic Significance (LSNM) 02/20/86 (86-09)
	81360	General Requirements for Physical Protection of Formula
		Quantities of Special Nuclear Material in Transit
		08/20/86 (86-40)
	81365	Records, Reports, and Planning for Physical Protection
		of Formula Quantities of Special Nuclear Material in
		Transit 08/20/86 (86-40)
	81370	Specific Requirements for Physical Protection of
		Formula Quantities of Special Nuclear Materials in
	81402	Transit 12/22/08 (08-037) Reports of Safeguards Events 06/13/85 (85-23)
	81411	Physical Protection for Reactors with Formula
	01411	Quantities of Special Nuclear Material 11/04/85 (85-34)
	81421	Fixed Site Physical Protection of Special Nuclear Material
		of Moderate Strategic Significance 06/13/85 (85-23)
	81431	Fixed Site Physical Protection of Special Nuclear
		Material of Low Strategic Significance 09/17/01 (01-017)
	81501	Personnel Training and Qualification - General Requirements 05/09/84 (84-15)
	81502	Fitness for Duty Program 12/22/08 (08-037)
	81503	Reserved for Part 52 Personnel Training and Qualification - Gen.
		Requirements
	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 Bostrictod Data (RD) 12/22/08 (08 027)
	81820	(NSI) and Restricted Data (RD) 12/22/08 (08-037) Physical Protection Facility Approval and Safeguarding
	01020	of National Security Information (NSI) and Restricted
		Data (RD) 12/22/08 (08-037)
`	Emergency [Diamoina

8200 Emergency Planning

82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)
82201	Emergency Detection and Classification 03/23/05 (05-008)
82202	Protective Action Decision Making 03/23/05 (05-008)

8300	Radiation Pr	otection
	83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)
	83501	Significant Uncontrolled Radiation Exposures
	00001	04/17/00 (00-006)
	83502.01	Radioactive Gaseous and Liquid Treatment and Monitoring
		Systems 04/17/00 (00-006)
	83502.02	Radioactive Material Process and Transportation
		04/17/00 (00-006)
	83502.03	Radiological Environmental Monitoring Program and
	00504	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: Organization and Management Controls 12/31/91 (reactivated 08-032)
	83523	Radiation Protection, Plant Chemistry, Radwaste, Transportation
	03323	and Environmental: Training and Qualifications 01/01/84
		(reactivated 08-032)
	83524	External Occupational Exposure Control and Personal Dosimetry
		(Preoperational and Supplemental) 01/01/84 (reactivated 08-032)
	83525	Internal Exposure Control and Assessment (Preoperational and
		Supplemental) 01/01/84 (reactivated 08-032)
	83526	Control Of Radioactive Materials and Contamination, Surveys, and
		Monitoring (Preoperational And Supplemental) 01/01/84
		(reactivated 08-032)
	83527	Facilities and Equipment (Preoperational and Supplemental)
	02520	01/01/84 (reactivated 08-032)
	83529 83531	Reserved for Part 52 Radiation Protection – Startup Reserved for Part 52 Radiation Protection, Plant Chemistry,
	03331	Radwaste, and Environmental
	83532	Reserved for Part 52 Radiation Protection, Plant Chemistry, and
		Radwaste Training
	83533	Reserved for Part 52 External Occupational Exposure Control and
		Personal Dosimetry
	83534	Reserved for Part 52 Internal Exposure Control
	83535	Reserved for Part 52 Control of Radioactive Materials and
		Contamination, Surveys, and Monitoring
	83536	Reserved for Part 52 Facilities and Equipment
	83537	Reserved for Part 52 Maintaining Occupational Exposures ALARA
	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,
	00120	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	Radioact	ive Waste Management
	84100	Special Nuclear Material Inspections At Near Surface Low-Level Waste Disposal Facilities In Agreement States 11/27/01 (01-028)
	84101	Radioactive Waste Management 12/30/91 (91-022)
	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)
85	00 <u>M</u> a	aterial 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	Facility Organization and Management Controls 01/17/86 (86-04)

	85205 85207 85209 85211 85215 85301 85303	Facility Operations and Internal Controls 04/10/85 (85-15) Measurement Systems 01/17/86 (86-04) Measurement Control and Statistics 04/10/85 (85-15) Physical Inventory 01/17/86 (86-04) Records and Reports 01/17/86 (86-04) MC&A for Imports and Exports 07/18/84 (84-22) MC&A Management Structure and Personnel Training and Qualification 03/18/91 (91-005)
	85305 85307 85309 85311 85313	Item Monitoring 03/18/91 (91-005) Process Monitoring 03/18/91 (91-005) Measurement Systems and Control 03/18/91 (91-005) Physical Inventory 03/18/91 (91-005) Alarm Resolution 03/18/91 (91-005)
	85315 85401 85402 85403	Accounting and Internal Control 03/18/91 (91-005) Management Structure 07/22/99 (99-011) Measurement Control 07/22/99 (99-011) Measurement Control Program 07/22/99 (99-011)
	85404 85405 85406 85407 85408	Physical Inventory 10/23/96 (96-021) Item Control Program 07/22/99 (99-011) Resolution Program 10/23/96 (96-021) Assessment Program 07/22/99 (99-011) Recordkeeping 07/22/99 (99-011)
	85420 85425	Inspection of IAEA Safeguards for Inspectors at Power Reactors 06/22/88 (88-07) Implementation of US/IAEA Safeguards Agreement at Fuel Facilities 06/22/88 (88-07)
	85501 85502 85503	Inventory Program 07/22/99 (99-011) Detection Program 07/22/99 (99-011) Resolution Program 07/22/99 (99-011)
8600	Spent Fuel ar	nd Other Radioactive Material Packaging and Shipping
	86001	Design, Fabrication, Testing, and Maintenance of Transportation Packagings 01/16/08 (08-003)
	86700 86730	Spent Fuel Pool Activities 09/17/01 (01-017) Transportation of Radioactive Materials (49 CFR Parts 100-179 and 10 CFR Part 71) 04/17/00 (00-006)
	86740 86750	Inspection of Transportation Activities 10/30/08 (08-030) Solid Radioactive Waste Management and Transportation of Radioactive Materials 03/15/94 (94-006)
8700	Materials Sa	fety 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)
	87104	Decommissioning Inspection Procedure for Materials Licensees

	87121 87122 87123 87124 87125 87126 87127 87129 87130 87131	07/29/02 (02-029) Industrial Radiography Programs 08/22/05 (05-023) Irradiator Programs 12/31/02 (02-047) Well Logging Programs 11/25/03 (03-037) Fixed and Portable Gauge Programs 11/25/03 (03-037) Materials Processor/Manufacturer Programs 09/28/05 (05-027) Industrial/Academic/Research Programs 09/28/05 (05-027) Radiopharmacy Programs 07/01/08 (08-018) Master Materials Program 09/15/03 (03-034) Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041) Nuclear Medicine Programs, Written Directive Required 10/24/02 (02-041) Brachytherapy Programs 12/06/05 (05-033) Medical Gamma Sterotactic Radiosurgery and Teletherapy Programs 10/24/02 (02-041) Medical Broad-Scope Programs 09/28/05 (05-027)
	87135	Panoramic and Underwater Irradiator Security Program 10/30/08 (08-030)
	87136	Manufacturing and Distribution (M&D) Security Program) 10/30/08 (08-030)
	87250 87654	Locating Missing Materials Licensees 10/29/01 (01-022) Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct Material Site Decommissioning Inspection 03/19/02 (02-010)
8800	Fuel Facility	Inspection
	88001	On-Site Construction 04/15/94 (94-011)
	88002	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030)
	88002 88003	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012)
	88002 88003 88004	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection
	88002 88003 88004 88005	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020)
	88002 88003 88004	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020)
	88002 88003 88004 88005 88010	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020)
	88002 88003 88004 88005 88010 88015 88016	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019)
	88002 88003 88004 88005 88010 88015 88016 88017 88020	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020)
	88002 88003 88004 88005 88010 88015 88016 88017 88020 88025	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020) Maintenance and Surveillance Testing 09/25/06 (06-025)
	88002 88003 88004 88005 88010 88015 88016 88017 88020	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020) Maintenance and Surveillance Testing 09/25/06 (06-025) Radiation Protection 07/28/06 (06-019) Radioactive Waste Management 09/25/06 (06-025)
	88002 88003 88004 88005 88010 88015 88016 88017 88020 88025 88030 88035 88035	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020) Maintenance and Surveillance Testing 09/25/06 (06-025) Radiation Protection 07/28/06 (06-019) Radioactive Waste Management 09/25/06 (06-025) Effluent Control and Environmental Protection 09/05/06 (06-020)
	88002 88003 88004 88005 88010 88015 88016 88017 88020 88025 88030 88035 88045 88050	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020) Maintenance and Surveillance Testing 09/25/06 (06-025) Radiation Protection 07/28/06 (06-019) Radioactive Waste Management 09/25/06 (06-025) Effluent Control and Environmental Protection 09/05/06 (06-020) Emergency Preparedness 09/05/06 (06-020)
	88002 88003 88004 88005 88010 88015 88016 88017 88020 88025 88030 88035 88035	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 10/30/08 (08-030) Reactive Inspection for Events at Fuel Cycle Facilities 08/10/98 (98-012) Reserved for Adverse Weather Protection Management Organization and Controls 09/05/06 (06-020) Operator Training/Retraining 09/05/06 (06-020) Nuclear Criticality Safety Program 09/05/06 (06-020) Nuclear Criticality Safety Evaluations and Analyses 07/28/06 (06-019) Criticality Alarm Systems 07/28/06 (06-019) Operational Safety 09/05/06 (06-020) Maintenance and Surveillance Testing 09/25/06 (06-025) Radiation Protection 07/28/06 (06-019) Radioactive Waste Management 09/25/06 (06-025) Effluent Control and Environmental Protection 09/05/06 (06-020)

00070	Demonstrate Display and Signation 20/05/00 (20, 200)
88070	Permanent Plant modification 09/05/06 (06-020)
88071	Configuration Management Programmatic Review 07/28/06
	(06-019)
88075	Event Follow-up 07/28/06 (06-019)
88100	Plant Operations 12/30/96 (96-026)
	·
88101	Configuration Control 12/30/96 (96-026)
88102	Surveillance Observations 12/30/96 (96-026)
88103	Maintenance Observations 12/30/96 (96-026)
88104	Decommissioning Inspection Procedure for Fuel Cycle
	Facilities 07/03/02 (02-026)
88105	Management Organization and Controls 12/30/96 (96-026)
88106	Quality Assurance: Program Development and Implementation
	(Pre-licensing and Construction) 02/07/07 (07-006)
88107	Quality Assurance: Design and Documentation Control (Pre-
	licensing and Construction) 05/18/05 (05-013)
88108	Quality Assurance: Control of Materials, Equipment, and Services
00.00	(Pre-licensing and Construction) 02/07/07 (07-006)
00100	
88109	Quality Assurance: Inspection, Test Control, and Control of
	Measuring and Test Equipment (Pre-licensing and Construction)
	06/20/07 (07-020)
88110	Quality Assurance: Problem Identification, Resolution and
	Corrective Action 05/18/05 (05-013)
88111	10 CFR, Part 21, Inspection-Facility Construction 02/07/07 (07-006)
88112	Reserved for Software Validation
88113	Control of the Electronic Management of Data 02/07/07 (07-006)
88114	Quality Affecting Item Procurement (10 CFR Part 21) and
	Commercial Grade Item Dedication Process [Reactive]
	10/25/06 (06-030)
88115	Supplier/Vendor Inspection (Construction Phase)
	10/25/06 (06-030)
88116	Inspection of Safety Function Interfaces for the Mixed Oxide Fuel
00110	
	Fabrication Facility (Pre-licensing and Construction) 02/07/07 (07-
	006)
88130	Resident Inspection Program for On-Site Construction Activities at
	the Mixed Oxide Fuel Fabrication Facility 10/25/06 (06-030)
88131	Geotechnical/Foundation Activities 10/25/06 (06-030)
88132	Structural Concrete Activities 10/25/06 (06-030)
88133	Structural Steel and Supports Activities 7/25/07 (07-023)
88134	Quality Assurance: Piping Relied on for Safety) 05/18/05 (05-013)
	,
88135	Resident Inspection Program for Category I Fuel Cycle Facilities
	0925/06 (06-025)
88136	Mechanical Components 7/25/07 (07-023)
88137	Reserved for Electric Cable
88138	Electrical Components and Systems 08/08/07 (07-024)
88139	Ventilation and Confinement Systems 08/08/07 (07-024)
	· · · · · · · · · · · · · · · · · · ·
88140	Reserved for Instrumentation and Controls Systems
88141	Fire Prevention and Protection 08/08/07 (07-024)

PROCEDURE

	88142	Underground Fire Water Loop and Equipment Installation 08/08/07		
	88143 88150 88151 88152 88153 88154 88155 88156 88157 88158	Pipe Supports and Restraints 7/25/07 (07-023) Reserved for Training and Qualification of Plant Personnel Reserved for Facility Changes and Change Process (10 CFR70.72) Reserved for Physical Protection Equipment and Barriers Reserved for Material Control and Accounting Reserved for Fire Safety and Protection Systems Reserved for Functional Verifications of IROFS Reserved for Integrated Safety Analysis Implementation Reserved for Waste Management Equipment and Systems Reserved for Environmental Protection - Initial and Periodic Inspections		
	88159 88160	Reserved for Process Enclosures and Vessels Reserved for Utilities and Bulk Chemicals		
8900	Fuel Facility	and Materials Special Program		
	89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)		
9000	Reportable M	Reportable Matters and Report Reviews		
	90001 90002 90003 90501B 90502 90700 90712	Reserved for Limited Expanded Program Review Inspection Reserved for Expanded Program Review Inspection Reserved for Unacceptable Performance Inspection Reportable Matters - Startup Test Program 04/30/75 (75-16) Reserved for Part 52 Reportable Matters - Test Program Feedback of Operational Experience Information at Operating Power Reactors 03/23/05 (05-008) In-office Review of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020) In Office Review of Periodic and Special Reports 09/17/01 (01-017)		
	90714	Non-routine Reporting Program 09/17/01 (01-017)		
9100	Title 10 Requirements			
9200	Planned Non	-Routine Activities		
	92050	Review of Quality Assurance for Extended Construction Delay 04/04/00 (00-005)		
	92700	Onsite Follow-up of Written Reports of Non-routine Events at Power Reactor Facilities 12/31/98 (98-020)		
	92701 92702	Follow-up 03/13/07 (07-010) Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders 01/10/08 (08-001)		
	92703	Follow-up of Confirmatory Action Letters 05/13/09 (09-012)		

Issue Date: 05/13/09 25 TABLE OF CONTENTS

	92709	Licensee Strike Contingency Plans 03/30/05 (05-009)
	92711	Continued Implementation of Strike Plans During an Extended Strike 03/30/05 (05-009)
	92712	Resumption of Normal Operations After a Strike 08/21/92 (92-010)
	92714	Reserved for Part 52 Follow-up
	92720	Corrective Action 09/28/98 (reactivated 07-034)
	92721	Reserved for Part 52 Follow-up on Corrective Actions for Violations
	02.2.	and Deviations
	92722	Reserved for Follow up Inspection for Any Severity Level I or II Traditional Enforcement Violation or for Two or More Severity Level III Traditional Enforcement Violations in a 12-Month Period
	92723	Reserved for Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area is a 12-Month Period
	92901	Follow-up - Plant Operations 09/17/01 (01-017)
	92902	Follow-up - Maintenance 09/17/01 (01-017)
	92903	Follow-up - Engineering 09/17/01 (01-017)
	92904	Follow-up - Plant Support 09/17/01 (01-017)
	0 2 00+	Tollow up Thank Support Go, 17701 (G1 G17)
9300	Non-Routine	Activities
	93001	OHSA Interface Activities 02/11/04 (04-006)
	93702	Prompt Onsite Response to Events at Operating Power Reactors 09/17/01 (01-017)
	93800	Augmented Inspection Team 03/23/09 (09-010)
	93801	Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
	93802	Operational Safety Team Inspection (OSTI) 11/27/89 (89-015)
	93803	Safety Systems Outage Modifications Inspection 04/27/89 (89-008)
	93804	Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001
	93805	Maintenance Program 08/06/93 (93-070)
	93806	Operational Readiness Assessment Team Inspections
	93000	09/29/98 (98-015)
	93807	Systems Based Instrumentation and Control Inspection 01/29/93 (93-001)
	93810	Service Water System Operational Performance Inspection (SWSOPI) 09/14/98 (98-013)
	93811	Electrical Distribution System Functional Inspection (EDSFI) 02/03/99 (99-002)
	93812	Special Inspection 03/23/09 (09-010)
	93813	Reserved for Part 52 Operational Readiness Assessment Team
	333.3	Inspection

PROCEDURE

9400 <u>Technical Activities of an Administrative Nature</u>

94300 Status of Plant Readiness for an Operating Licensee 02/14/86 (Reactivated 07-034)

94301 Reserved for Part 52 Status of 10 CFR 52 Plant Readiness for Fuel

Load

9500 Strategic Determination Actions

95001	Inspection for One or Two White Inputs in a Strategic
	Performance Area 04/09/09 (09-011)
95002	Inspection for One Degraded Cornerstone or Any three White
	Inputs in a Strategic Performance Area 04/09/09 (09-011)
95003	Inspection for Repetitive Degraded Cornerstones, Multiple
	Degraded Cornerstones, Multiple Yellow Inputs, or One
	Red Input 01/15/09 (09-002)
95003.01	Emergency Preparedness 01/15/09 (09-002)
95003.02	Guidance for Conducting an Independent NRC Safety Culture
	Assessment) 01/15/09 (09-002)

9600 Materials Safety and Security

96001 Contingency Response – Annual Force-On-Force Testing Category

1 Fuel Cycle Facilities 02/14/06 (06-003)

9700 Reserved

9800 Reserved

GUIDANCE

9900 <u>Guidance</u>²

99000 Technical Guidance 05/12/86 (86-26)

Technical Guidance

ASME Section III	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)
ASME Section III	American Society of Mechanical Engineers ASME Boiler and & XI Pressure Vessel Code, Section III & XI 11/12/96 (96-022)
ASME Section XI	American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section XI 12/08/86 (86-54)
ASME Section XI	American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)
Oper Det Process	Operability Determinations & Functionality Assessments For Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 09/26/05 (05-026)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
STS Sec 3/4.6.4	Containment and Drywell Isolation Valves 06/09/88 (88-06)
STS Sec 3.7.5	Ultimate Heat Sink 11/25/88 (88-17)
STS Sec 3/4.8.1	TDI Diesel Generator Air Roll Tests 06/09/88 (88-06)
STS Sec 4.2.8.X.X	Surveillance Requirements - 125-Volt Battery Bank 10/01/79 (79-22)
STS Sec 4.5.1	Standard Technical Specifications (BWR) 05/12/86 (86-26)
STS Sec 4.8.1.1.2	Surveillance Testing of Diesel Generator Lockout Feature 05/12/86 (86-26)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)

 $^{^2\}mbox{[XXXX.XX]}$ attached to each document in Part 9900, is the file name for that document.

Issue Date: 05/13/09 28 TABLE OF CONTENTS

GUIDANCE

STS Interp Licensee Technical Specification Interpretations 02/03/97 (97-001)

<u>Maintenance</u>

Voluntary Entry into Limiting Conditions For Operation Action Statements to Perform Preventive Maintenance 01/17/02 (02-001)

Assessing On-Line Leak Sealing of ASME Code Class 1 & 2 07/15/97 (97-011)

Filled Organic Coatings Used in Maintenance of Safety Related Equipment 10/11/94 (94-018)

Preconditioning of Structures, Systems, and Components (SSCs) Before Determining Operability 09/28/98 (98-014) [PRECOND.TG]

Mechanical

Freeze Plugs 06/14/93 (93-005)

Steam Generator Plugs and Sleeving Repairs 08/01/94 (94-014)

Steam Generator Tube-to-Secondary Leakage 09/09/03 (03-033) [TG Mech SGTUBELKG.wpd]

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

Operations

Notice of Enforcement Discretion 02/07/05 (05-005) [NOED.TG]

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

Operability Determinations & Functionality Assessments for Resolution of Degraded or Nonconforming Conditions Adverse to Quality or Safety 04/16/08 (08-016) [TG STSODP]

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

GUIDANCE

PART

10 CFR GUIDANCE

Title 10 of the Code of Federal Regulations 12/08/86 (86-54)

10CFR71 and

49CFR171-178 Transportation of Radioactive Material 12/01/04 (04-027)

50.55(e) Construction Deficiency Reporting 01/31/89 (89-002)

50.55a Codes and Standards 02/22/73 (73-9)

50.59 10 CFR 50.59, Changes, Tests, and Experiments

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

12/08/86 (86-54)

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)

<u>Interpretations</u>

END