#### TABLE OF CONTENTS

Table of Contents Current through Change Notice 01-021 Issued10/11/01

**PART** 

**CHAPTER** 

0000 NRC Inspection Manual<sup>1</sup>

Policy and Guidance for Development of NRC Inspection Manual Programs 04/30/97 (97-005) Preparing, Revising, and Issuing Documents for the NRC Inspection Manual 08/16/01 (01-015)

#### 0100 Program Responsibilities

Oversight and Objectivity of Inspectors and Examiners at Reactor Facilities 06/29/99 (99-010)

Monitoring Activities for the DOE West Valley Demonstration Project 12/10/85 (85-40)

#### 0200 Program Management Reports

0230 Morning Report 10/30/92 (92-011)

#### 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)_
0302	Inspection Program Evaluation Activities 09/27/95 (95-013) Item Reporting 11/30/99 (99-019)
0303	Item Reporting 11/30/99 (99-019)

Issue Date: 10/11/01 - 1 - TABLE OF CONTENTS

<sup>&</sup>lt;sup>1</sup>The 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.

PART		
TAKI	<u>CHAPTER</u>	
	0304 0305 0307	Plant Performance Review 09/26/96 (96-020) Operating Reactor Assessment Program 04/24/00 (00-009) Reactor Oversight Process Self-Assessment Program 04/12/01 (01-012)
	0312	Technical Assistance for Radiation Safety Inspections at Nuclear Fuel Cycle Facilities and Materials Licensees'
	0330	Sites 08/28/95 (95-010) Guidance for NRC Review of Licensee Draft Documents 07/08/96 (96-015)
	0350	Staff Guidelines for Oversight of Operating Reactor Facilities in an Extended Shutdown as a Result of Significant Performance Problems 03/23/01 (01-009)
0400	Enforcement	Policy
0500	Tracking Systems	
0600	Documentation of Program Findings	
	0608 0609 0609.01 0609.02	Performance Indicator Program 04/12/01 (01-012) Significance Determination Process 08/16/01 (01-015) Enforcement Review Panel 04/21/00 (00-007) Process For Appealing NRC Characterization of Inspection Findings (SDP Appeal Process) 08/16/01 (01-015)
	0609.03 0609 App A	Senior Reactor Analyst Support Objectives 08/16/01 (01-015) Significance Determination of Reactor Inspection Findings For At-Power Situations 02/05/01 (01-003)
	0609 App B	
	0609 App C	Occupational Radiation Safety Significance Determination Process 04/21/00 (00-007)
		Public Radiation Safety Significance Determination Process 12/29/00 (00-030)
		Interim Physical Protection - Significance Determination Process 08/14/01 (01-014)
	• • •	Fire Protection Significance Determination Process 02/27/01 (01-005)
		Att 1, Application of Fire Protection Risk-Significant Screening Methodology to Hypothetical Cases 02/27/01 (01-005) Att 2, Additional Guidance for the Assessment of Findings Using Significance Determination Process Entry
	0609 App G	02/27/01 (01-005) Shutdown Operations Significance Determination Process 02/27/01 (01-005)
	0609 App H	Containment Integrity Significance Determination Process 04/21/00 (00-007)

P	Α	R

#### CHAPTER

0609 App I	Operator Requalification - Human Performance Significance
• • •	Determination Process 12/29/00 (00-030)
0610	Inspection Reports 06/22/98 (98-009)
0610*	Power Reactor Inspection Reports 02/27/01 (01-005)
0620	Inspection Documents and Records
	07/08/96 (96-015)
0630	Analysis of the Impact of Noncompliance with Physical
	Security Requirements 10/01/82 (82-09)

#### 0700 Communications With Licensees

0720	Nuclear Regulatory Commission Generic Communications
	Regarding Nuclear Reactor Issues 03/21/94 (94-009)
0730	Generic Communications Regarding Materials and Fuel Cycle
	Issues 11/15/99 (99-018)

#### 0800 Feedback - Improving the Regulatory Process

0801 Inspector Feedback 01/01/83 (83-01)

### 0900 Reporting of Events/Incidents

0970 Potentially Generic Questions Identified by Regional Offices 12/11/00 (00-024)

# 1000 Regional Office Program Interfaces

1007	Interfacing Activities Between Regional Offices of NRC and
	OSHA 09/25/01 (01-019)
1010	Independent Assessment and Analysis 01/20/87 (87-02)

# 1100 Notifications of Meetings and Conferences

1100	Notification of Significant Meetings 08/06/87 (87-27)
1110	Potential Abnormal Occurrences 04/25/78 (78-13)
1120	Preliminary Notifications 12/27/94 (94-021)

#### 1200 Inspector Requirements

1201	Conduct of Employees 06/29/99 (99-010)
1220	Processing of NRC Form 241, "Report of Proposed Activities
	In Non-Agreement States," and Inspection of Agreement
	State Licensees Operating Under 10 CFR 150.20
	09/08/97 (97-014)
1220/001	Inspection of Agreement State Licensees Operating Under 10
	CFR 150 20 02/13/01 (01-004)

# **CHAPTER**

1220	Quality Assurance Program for Padiological Confirmatory
1230	Quality Assurance Program for Radiological Confirmatory Measurements 10/01/83 (83-12)
1232	Collection, Preparation, and Shipment of Independent
1240	Measurement Samples 11/18/86 (86-52) Inspector Access at Power Reactors 09/18/81 (81-23)
1245	Inspector Qualification For the Office of Nuclear Reactor
	Regulation Inspection Program 04/09/01 (01-011)
	Training Requirements For Inspector Classifications 04/09/01 (01-011)
Sec. I	BWR Operations Inspector 09/14/99 (99-015)
Sec. II Sec. III	Westinghouse PWR Operations Inspector 09/14/99 (99-015) Combustion Engineering PWR Operations Inspector
OCC. 111	09/14/99 (99-015)
Sec. IV	Babcock & Wilcox PWR Operations Inspector 09/14/99 (99-015)
Sec. V	Reactor Engineering Support Inspector 09/14/99 (99-015)
Sec. VI	Reactor Health Physics Inspector 09/14/99 (99-015)
Sec. VII	Reactor Safeguards Inspector 09/14/99 (99-015)
Sec. VIII	Reactor Technical Specialist/Team Member 09/14/99 (99-015)
Sec. IX	Reactor Emergency Preparedness or Health Physics Specialist/Team Member 09/14/99 (99-015)
Sec. X	Non-Power Reactor Inspector 09/14/99 (99-015)
Sec. XI	Emergency Preparedness Inspector 09/14/99 (99-015)
Sec. XII	NRR Vendor Inspector 12/02/96 (96-023)
Sec. XIII	Reactor Decommissioning Inspector 09/14/99 (99-015)
Sec. XIV	Technical Assistance Inspector 01/21/98 (99-015)
Sec. XV	Training Requirements for Senior Reactor Analyst 04/09/01 (01-011)
1245 APP B	Inspector Training and Qualification Journal 04/09/01 (01-011)
Sec. I	BWR Operations Inspector 09/14/99 (99-015)
Sec. II	Westinghouse PWR Operations Inspector 09/14/99 (99-015)
Sec. III	Combustion Engineering PWR Operations Inspector 09/14/99 (99-015)
Sec. IV	Babcock & Wilcox PWR Operations Inspector 09/14/99 (99-015)
Sec. V	Reactor Engineering Support Inspector 09/14/99 (99-015)
Sec. VI	Reactor Health Physics Inspector 10/10/97 (97-017)
Sec. VII	Reactor Safeguards Inspector 10/10/97 (97-017)
Sec. VIII	Reactor Technical Specialist/Team Member 09/14/99 (99-015)
Sec. IX	Reactor Emergency Preparedness or Health Physics
Coo V	Specialist/Team Member 10/10/97 (97-017)
Sec. X Sec. XI	Non-Power Reactor Inspector 10/10/97 (97-017)
Sec. XII	Emergency Preparedness Inspector 10/10/97 (97-017) NRR Vendor Inspector 10/10/97 (97-017)
Sec. XIII	Reactor Decommissioning Inspector 10/10/97 (97-017)
Sec. XIV	Technical Assistance Inspector 01/21/98 (98-001)
Sec. XV	NRC Senior Reactor Analyst Qualification Journal 04/09/01 (01-011)
1246	Formal Qualification Programs in the Nuclear Material Safety
1010 155	and Safeguards Program Area 03/27/98 (98-005)
	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)

# <u>CHAPTER</u>

Sec. III	Fuel Cycle Safety Inspector 01/05/01 (01-002)
Sec. IV	Fuel Cycle Safeguards Inspector Physical Security
Sec. V	01/05/01 (01-002) NMSS Headquarters Fuel Cycle Safeguards Inspector Material Control and Accounting 01/05/01 (01-002)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage System Safety Inspector 01/05/01 (01-002)
Sec. VII	Fuel Cycle License Reviewer 01/05/01 (01-002)
Sec. VIII	Waste Management Inspectors and License Reviewers 01/05/01 (01-002)
Sec. IX	Decommissioning Inspectors 01/05/01 (01-002)
Sec. X	Decommissioning Project Managers/Technical Reviewers 01/05/01 (01-002)
Sec. XI	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer 01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 01/05/01 (01-002)
Sec. XV	High-Level Waste Repository License Technical Review 01/05/01 (01-002)
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)
Sec. VI	NMSS Headquarters Transportation Packaging and Dry Storage System Safety Inspector 01/05/01 (01-002)
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
	01/05/01 (01-002)
Sec. XI	Materials Exempt Distribution License Reviewer 01/05/01 (01-002)
Sec. XII	Uranium Recovery Inspector 01/05/01 (01-002)
Sec. XIII	Uranium Recovery Project Manager/Technical Reviewer
200. 7011	01/05/01 (01-002)
Sec. XIV	High-Level Waste Repository Inspector 01/05/01 (01-002)
Sec. XV	High-Level Waste Repository License Technical Reviewer
	01/05/01 (01-002)

# PART CHAPTER 1300 Incident Response 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 12/31/97 (97-019) Requesting Emergency Acceptance of Radioactive Material by 1303 the U.S. Department of Energy (DOE) 07/27/95 (95-009) Response to Transportation Accidents Involving Radioactive 1330 Materials 07/19/84 (84-22) Use of Physician and Scientific Consultants in the Medical 1360 Consultant Program 01/27/99 (99-001) 1400 Reserved 1415 State Contracts for Environmental Monitoring 06/28/91 (91-009)1500 Reserved 1600 Emergency Preparedness Communication Protocol For Assessing Offsite Emergency 1601 Preparedness Following a Natural Disaster 09/02/97 (97-013) 1700 Reserved 1800 Reserved 1900 Reserved 2000 Reserved 2100 Reserved 2200 Reserved 2300 High Level Waste 2300 Yucca Mountain Pre-Operation Inspection Program

Issue Date: 10/11/01

06/20/01 (01-013)

_		-	_
1)	Λ	1)	
Р	н	к	
	, ,		

# <u>CHAPTER</u>

### 2400 Low Level Waste Program

2401	Near-Surface Low-Level Radioactive Waste Disposal
	Facility Inspection Program 02/28/97 (97-003)
2410	Conduct of Observation Audits 07/12/00 (00-012)

# 2500 Reactor Inspection Program

2514	Light Water Reactor Inspection Program - Startup Testing Phase 08/21/89 (89-013)
2514 APP. A	
2515	Reactor Inspection Program - Operations Phase
2010	03/06/01 (01-006)
2515 APP. A	
2515 APP. B	
	03/06/01 (01-006)
2515 APP. C	
	03/06/01 (01-006)
2515 App. D	Plant status 04/03/00 (00-003)
2515/141	Review of Year 2000 (Y2K) Readiness of Computer Systems at
Rev. 1	Nuclear Power Plants 08/02/99 (99-012
2515/142	Draindown During Shutdown and Common-Mode Failure
	(NRC Generic Letter 98-02)) 06/18/99 (99-009)
2515/144	Performance Indicator Data Collecting and Reporting Process
	Review 12/11/00 (00-024)
2515/145	Circumferential Cracking of Reactor Pressure Vessel Head
0540	Penetration Nozzles (NRC Bulletin 2001-01) 09/20/01 (01-018)
2516	Policy and Guidance For The License Renewal Inspection
0500	Program 01/08/01 (01-001)
2530	Integrated Design Inspection Program 04/24/85 (85-17)
2535	Design Verification Programs 03/24/89 (89-007)
2545	Research and Test Reactor Inspection Program - Operations Phase 06/13/85 (85-23)
2561	Decommissioning Power Reactor Inspection Program
	08/11/97 (97-012)
2561/003	Re-Examination of Year 2000 (Y2K) Program Activities
	at Selected Decommissioning Reactors 11/30/99 (99-019)

# 2600 <u>Fuel Cycle Facility Inspection Program</u>

2600	Fuel Cycle Facility Operational Safety and Safeguards
	Inspection Program 04/08/96 (96-007)
2600 App A	04/08/96 (96-007)
2600/002	Fuel Cycle Inspections of Licensees in States Which Have
	Been Denied Access to Low-Level Waste Disposal
	Facilities 03/11/91 (91-004)
2600/003	Operational Safety Review 01/27/99 (99-001)
2600/004	Headquarters Inspections of Critical Mass and Rare-Earth
	Fuel Cycle Licensees 01/27/99 (99-001)
2600/005	Criticality Safety Programs at Fuel Cycle Facilities
	10/12/99 (99-017)

# <u>CHAPTER</u>

2600/006	Resident Inspection Program for Category I Fuel Cycle Facilities 07/12/00 (00-012)
2600/007	Interim Guidance For Fuel Cycle Facility Core Inspection Program 08/25/00 (00-014)
2601	Team Assessments of Fuel Cycle and Materials Licensees 05/04/90 (90-004)
2602	Decommissioning Inspection Program For Fuel Cycle Facilities and Materials Licensees 06/04/97 (97-007)
2603	Inspection of the Nuclear Chemical Process Safety Program at Fuel Cycle Facilities 01/16/96 (96-001)
2603/001	Chemical Safety Inspections of Fuel Cycle Licensees 01/16/96 (96-001)
2604	Licensee Performance Review 08/26/96 (96-018)
2605	Decommissioning Procedures For Fuel Cycle and Material Licensees 11/12/96 (96-022)
2610	Inspection Program at Nuclear Fuel Services Plant Erwin, Tennessee 01/09/86 (86-01)
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	Gaseous Diffusion Plant Operational Safety and Safeguards Inspection Program 12/30/96 (96-026)
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)
2681 Exh. 5	08/20/86 (86-40)
2681 Exh. 6	08/20/86 (86-40)
2681/05	Physical Security Inspection For Category I Fuel Cycle Facilities 05/04/90 (90-004)
2681/06	Protected Area Housekeeping 07/10/90 (90-006)
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 Independent Spent Fuel Storage Installations 04/09/97 (97-004)
2690 App A	Inspection Program for an ISFSI Located at a Reactor Site 04/09/97 (97-004)
2690 App B	Inspection Program for an ISFSI Located Away From Any Reactor Site 04/09/97 (97-004)

# 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 12/01/00 (00-026)

PART	DD00EDUD	_
	PROCEDURE 2800/026	Followup Inspection of Formerly-Licensed Sites Identified as
	2800/029 Rev. 1	Potentially Contaminated 07/12/00 (00-012) Nuclear Medicine Programs 08/28/00 (00-013)
	2800/030	Verification of the Status of Devices Authorized For Use Under a General License 05/30/00 (00-011)
	2800/031 2801	Extremity Exposure Monitoring 12/14/00 (00-031) Uranium Mill 11e.(2) Byproduct Material Disposal Site and Facility Inspection Program 08/25/00 (00-014)
	2805	Inspection at Temporary Job Sites for Licensees Who Operate in More Than One Region 02/09/87 (87/03)
	2810	Master Materials License Inspection Program 02/28/00 (00-002)
	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) 12/05/83 (83-15)
2900	Performance	e Appraisal Program
	2900 2901 2920	Performance Appraisal Program DI 04/04/85 (85-14) Team Inspections 08/24/01 (01-016) Construction Appraisal Team Inspection Program 03/29/85 (85-11)
3000	Managemen	t Meetings
	30800B	Initial Management Meeting - Materials Licensees 10/01/76 (76-26)
3100	Reserved	
3200	Reserved	
3300	Reserved	
3400	Reserved	
3500	Quality Assu	<u>irance</u>

#### 3500 Quality Assurance

QA for the Startup Test Program 01/20/84 (84-04) Quality Assurance Program Review 09/17/01 (01-017) 09/29/98 (98-015) 35501 35701

#### PROCEDURE

#### 3600 Organization and Administration

36100 10 CFR Part 21 Inspections at Nuclear Power Reactors

08/30/91 (91-011)

36800 Organization 09/17/01 (01-017)

36801 Organization, Management, and Cost Controls at Permanently

Shutdown Reactors 08/11/97 (97-012)

#### 3700 Design, Design Changes, Modifications

37001	10 CFR 50.59 Safety	y Evaluation Program	06/24/98	(98-010)
01001	10 01 11 00:00 00:00	, Evaluation i rogiani	00, = 1, 00	(00 0 .0)

37550 Engineering 11/15/99 (99-018)

37551 Onsite Engineering 06/24/98 (98-010)

Design Changes, and Modifications 09/17/01 (01-017)
Safety Reviews, Design Changes, and Modifications at Permanently Shutdown Reactors 08/11/97 (97-012)

#### 3800 Procurement

38703 Commercial Grade Dedication 04/08/96 (96-007)

#### 3900 Records

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

39745 Class I Non-Power Reactors Organization and Operations and

Maintenance Activities 08/07/92 (92-009)

#### 4000 Review and Audit

40001	Resolution of Employee Concerns 06/03/97 (97-006)
40002	Inspections to Review Allegations 08/26/96 (96-018)
40500	Effectiveness of Licensee Process to Identify, Resolve, and

Prevent Problems 05/03/99 (99-008)

40745 Class I Non-Power Reactor Review and Audit and Design

Change Functions 08/07/92 (92-009)

40755 Class III Non-Power Reactors 08/07/92 (92-009)
40801 Self-Assessment, Auditing, and Corrective Action at

Permanently Shutdown Reactors 08/11/97 (97-012)

#### 4100 Training

41500 Training and Qualification Effectiveness 06/13/95 (95-007)

#### 4200 Procedures

42001 Emergency Operating Procedures 06/28/91 (91-009)

<u>PART</u>	PROCEDURE 42700	<u>=</u> Plant Procedures 11/15/95 (95-015)
	42745	Class I Non-Power Reactor Procedures 08/07/92 (92-009)
4300	Vendor Prod	<u>sedures</u>
	43001	Reactive Inspection of Nuclear Vendors 10/11/94 (94-018)
4400	Reserved	
4500	Geotechnica	ul/Foundation
4600	Structural Co	<u>oncrete</u>
4700	Containmen	t (Post-Tensioning)
4800	Structural St	eel and Supports
4900	Piping/	
	49001	Inspection of Erosion/Corrosion Monitoring Programs 12/11/98 (98-019)
	49055	Reactor Coolant Pressure Boundary Piping Record Review 08/16/82 (82-07)
5000	Mechanical (	Components and Equipment
	50001 50002	Steam Generator Replacement Inspection 09/06/00 (00-015) Steam Generators 12/31/96 (96-024)
5100	Electrical Co	emponents and Systems
5200	Instrumentat	tion Systems and Components
	52001 52002	Digital Retrofits Receiving Prior Approval 03/02/98 (98-003) Digital Retrofits Not Receiving Prior Approval 03/02/98 (98-003)
5300	Containmen	t Penetrations
5400	Cleanliness	

#### **PROCEDURE**

#### 5500 Welding

Nuclear Welding General Inspection Procedure 06/20/83

(83-06)

55100 Structural Welding General Inspection Procedure

06/20/83 (83-06)

#### 5600 Calibration

### 5700 Nondestructive Examination, Destructive Examination and Fabrication Testing

57050	visual lesting examination 03/09/99 (99-003)
57060	Liquid Penetrant Testing Examination 03/09/99 (99-003)
57070	Magnetic Particle Testing Examination 03/09/99 (99-003)
57080	Ultrasonic Testing Examination 03/09/99 (99-003)
57090	Nondestructive Examination Procedure Radiographic
	Examination Procedure Review/Work Observation/Record
	Daview 00/44/02 (02 005)

Review 06/14/93 (93-005)

#### 5800 Special Processes

#### 5900 Reserve Shutdown System

#### 6000 Fuel Fabrication, Handling and Storage

60705 60710	Preparation for Refueling 07/27/95 (95-009) Refueling Activities 07/27/95 (95-009)
60745	Class I Non-Power Reactor Fuel Movement 10/03/94 (94-017)
60801	Spent Fuel Pool Safety at Permanently Shutdown Reactors 08/11/97 (97-012)
60851	Design Control of ISFSI Components 05/22/00 (00-010)
60852	ISFSI Component Fabrication By Outside Fabricators 07/12/00 (00-012)
60853	On-Site Fabrication of Components and Construction of an ISFSI 09/07/00 (00-016)
60854	Preoperational Testing of an ISFSI 05/09/96 (96-011)
60855	Operation of an ISFSI 02/01/96 (96-003)
60856	Review of 10 CFR 72.212(b) Evaluations 11/30/99 (99-019)
60857	Review of 10 CFR 72.48 Evaluations 03/09/01 (01-007)

#### 6100 Surveillance

61705	Calibration of Nuclear Instrumentation Systems
	05/12/86 (86-25)
61706	Core Thermal Power Evaluation 07/14/86 (86-36)

<u>PART</u>		
	PROCEDURE	_
	61707	Determination of Reactor Shutdown Margin 10/11/85 (85-31)
	61708	Isothermal and Moderator Temperature Coefficient Determinations 10/11/85 (85-31)
	61709	Total Power Coefficient of Reactivity at Pressurized Water Reactors 07/14/86 (86-36)
	61710	Control Rod Worth Measurements (PWR) 10/11/85 (85-31)
	61715	Verification of Containment Integrity 12/23/86 (86-60)
	61720 61726	Containment Local Leak Rate Testing 10/03/85 (85-30) Surveillance Observations 06/24/98 (98-010)
	61728	Independent Measurement of RCS Leak Rates for a PWR
	61745	01/01/84 (84-02) Class I Non-Power Reactor Surveillance 08/07/92 (92-009)
	01743	Class I Non-i Owel Reactor Surveillance 00/07/92 (92-009)
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)
	62708	Motor-Operated Valve Capability 09/12/00 (00-018)
	62801	Maintenance and Surveillance at Permanently Shutdown Reactors 08/11/97 (97-012)
		11000013 00/11/07 (07 012)
6300	Construction	Testing
0400	Fine Decreed	in Duntantina
6400		on/Protection
	64704	Fire Protection Program 06/24/98 (98-010)
6500	Reserved	
6600	Reserved	
6700	Reserved	
	<u> </u>	
6800	Reserved	
6900	Non-Power F	Reactor Inspection
2200		
	69001	Class II Non-Power Reactors 04/09/97 (97-004)

#### **PROCEDURE**

Class I Non-Power Reactor Operator Licenses, Requalification, and Medical Activities 04/09/97 (97-004)
Class I Non-Power Reactor Effluent and Environmental Monitoring 04//09/97 (97-004)
Class I Non-Power Reactor Experiments 04/09/97 (97-004) 69003

69004

69005

#### 7000 Preoperational Testing

70307	Containment Integrated Leak Rate Test - Procedure
	Review 03/07/86 (86-13)
70313	Containment Integrated Leak Rate Test 11/12/85 (85-36)
70323	Containment Leak Rate Test Results Evaluation
	10/03/85 (85-30)
70370	Testing Piping Support and Restraint Systems 03/07/86 (86-13)

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

71001	Licensed Operator Requalification Program Evaluation 07/23/98 (98-011)
71002	License Renewal Inspection 09/18/00 (00-019)
71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity 12/11/00 (00-024)
71111.01	Adverse Weather Protection 04/03/00 (00-003)
71111.02	Evaluation of changes, Tests, or Experiments 09/12/00 (00-018)
71111.04	Equipment Alignment 04/03/00 (00-003)
71111.05	Fire Protection 03/23/01 (01-009)
71111.06	Flood Protection Measures 04/03/00 (00-003)
71111.07	Heat Sink Performance 04/03/00 (00-003)
71111.08	Inservice Inspection Activities 10/11/01 (01-021)
71111.11	Licensed Operator Requalification 08/16/01 (01-015)
71111.12	Maintenance Rule Implementation 04/03/00 (00-003)
71111.13	Maintenance Risk Assessments and Emergent Work Evaluation 11/30/00 (00-025)
71111.14	Personnel Performance During Nonroutine Plant Evolutions 03/06/01 (01-006)
71111.15	Operability Evaluations 04/03/00 (00-003)
71111.16	Operator Workarounds 04/03/00 (00-003)
71111.17	Permanent Plant modifications 09/12/00 (00-018)
71111.19	Post Maintenance Testing 04/03/00 (00-003)
71111.20	Refueling and Outage Activities 03/06/01 (01-006)
71111.21	Safety system Design and Performance Capability 04/03/00 (00-003)
71111.22	Surveillance Testing 04/03/00 (00-003)
71111.23	Temporary Plant Modifications 04/03/00 (00-003)
71114	Reactor Safety-Emergency Preparedness 04/12/01 (01-012)
71114.01	Exercise Evaluation 04/12/01 (01-012)
71114.02	Alert and Notification System Testing 04/03/00 (00-003)
71114.03	Emergency Response Organization Augmentation Testing 04/03/00 (00-003)

7200

PROCEDUR	E	
71114.04	Emergency Action Level and Emergency Plan Changes	
71114.05	04/03/00 (00-003) Correction of emergency Preparedness Weaknesses and Deficiencies 04/03/00 (00-003)	
71114.06	Drill Evaluation 04/03/00 (00-003)	
71121 71121.01	Occupational Radiation Safety 04/03/00 (00-003) Access Control to Radiologically Significant Areas 04/03/00 (00-003)	
71121.02	ALARA Planning and Controls 04/03/00 (00-003)	
71121.03 71122	Radiation Monitoring Instrumentation 04/03/00 (00-003)	
71122.01	Public Radiation Safety 04/03/00 (00-003) Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems 04/03/00 (00-003)	
71122.02	Radioactive Material Processing and Transportation 04/03/00 (00-003)	
71122.03	Radiological Environmental Monitoring Program (REMP) 04/03/00 (00-003)	
71130 71130.01	Physical Protection 04/03/00 (00-003) Access Authorization (AA) Program (Behavior Observation	
71130.01	Only) 09/12/00 (00-018)	
71130.02	Access Control (Search of Personnel, Packages, and Vehicles Identification and Authorization 09/12/00 (00-018)	
71130.03	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy) 09/12/00 (00-018)	
71130.04	Security Plan Changes 09/12/00 (00-018)	
71150	Discrepant or Unreported Performance Indicator Data 03/06/01 (01-006)	
71151	Performance Indicator Verification 03/06/01 (01-006)	
71152 71153	Identification and Resolution of Problems 03/06/01 (01-006) Event Followup 03/06/01 (01-006)	
71707	Plant Operations 12/31/98 (98-020)	
71714	Cold Weather Preparations 09/17/01 (01-017)	
71715	Sustained Control Room and Plant Observation 04/14/92 (92-004)	
71750	Plant Support Activities 06/24/98 (98-010)	
71801	Decommissioning Performance and Status Review at Permanently Shutdown Reactors 08/11/97 (97-012)	
71841	Human Performance 12/12/00 (00-027)	
71846B	Review of Conduct of Operations 10/01/76 (76-24)	
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)	
72400B	Overall Startup Test Program 07/01/80 (80-16)	
72500B 72502B	Initial Fuel Loading Procedure 04/30/75 (75-16) Initial Criticality Procedure Review (BWR) 04/30/75 (75-16)	
72504B	Heatup Phase Procedure Review 04/30/75 (75-16)	

PROCEDUR	ZE
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)
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)
72526	BWR Initial Criticality Witnessing 01/20/84 (84-04)
72532	Power Level Plateau Data Review (BWR) 01/20/84 (84-04)
72564B	Precritical Test Procedure Review - Protective Trip
	Circuit or Rod Drop Measurement 07/01/80 (80-16)
72566B	Precritical Test Procedure Review - RES Lead Test ór
	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
120125	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
720705	Circulation or Power Reactivity Coefficient Measurement
	07/01/80 (80-16)
72578B	Power Ascension Test Procedure Review - Evaluation of
123100	Core Performance 07/01/80 (80-16)
72580B	Power Ascension Test Procedure Review - Turbine Trip
72300B	
72582B	or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite
/2302D	
72502D	Power (Group A) 07/01/80 (80-16)  Power Ascension Test Procedure Review: Shutdown from
72583B	
72504D	Outside the Control Room (Group B) 07/01/80 (80-16)
72584B	Power Ascension Test Procedure Review - Evaluation of
70500	Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16)
72592	PWR Initial Criticality Witnessing 01/20/84 (84-04)
72596B	Precritical Data Review 07/01/80 (80-16)
72600B	Power Level Plateau Data Review (25% PWR) 07/01/80
700000	(80-16)
72608B	Power Level Plateau Data Review (50% PWR) 07/01/80
700400	(80-16)
72616B	Power Level Plateau Data Review (75% PWR) 07/01/80
<b>7</b> 000 ( <b>7</b>	(80-16)
72624B	Power Level Plateau Data Review (100% PWR) 07/01/80
	(80-16)
72701	Modification Testing 04/14/92 (92-004)

	<u>-</u>	
Inservice Inspection		
73051 73052 73753 73755	Inservice Inspection - Review of Program 01/14/86 (86-03) Inservice Inspection - Review of Procedures 01/14/86 (86-03) Inservice Inspection 06/24/98 (98-010) Inservice Inspection - Data Review and Evaluation 01/14/86 (86-03)	
73756	Inservice Testing of Pumps and Valves 07/27/95 (95-009)	
Reserved		
High Level Waste		
Water Chem	nistry	
79702	Control and monitoring of Radiological Source Term 04/17/00 (00-006)	
Environmental Protection		
80721	Radiological Environmental Monitoring 09/17/01(01-017)	
Physical Security		
81001 81018	Independent Spent Fuel Storage Installations 09/17/01 (01-017) Security Plan and Implementing Procedures 05/09/84 (84-15)	
81020 81022 81034 81038 81042 81046 81052 81054 81058 81062	Management Effectiveness - Security Program 05/09/84 (84-15) Security Organization 05/09/84 (84-15) Security Program Audit 05/09/84 (84-15) Records and Reports 05/09/84 (84-15) Testing and Maintenance 05/09/84 (84-15) Locks, Keys, and Combinations 05/09/84 (84-15) Physical Barriers - Protected Areas 05/09/84 (84-15) Physical Barriers - Vital Areas, Material Access Areas, and Controlled Access Areas 05/09/84 (84-15) Security System Power Supply 05/09/84 (84-15) Lighting 05/09/84 (84-15)	
	73051 73052 73753 73755 73756  Reserved  Reserved  Reserved  High Level V  Water Chem 79702  Environment 80721  Physical Sec 81001 81018 81020 81022 81034 81038 81042 81038 81042 81054 81058	

PROCEDUR	E
81064	Compensatory Measures 05/09/84 (84-15)
81066	Assessment Aids 05/09/84 (84-15)
81070	Access Control - Personnel 05/09/84 (84-15)
81072	Access Control (Power Reactor) - Packages 05/09/84 (84-15)
81073	Access Control (Fuel Facility) - Packages, Material,
01073	and SSNM 05/09/84 (84-15)
81074	Access Control - Vehicles 05/09/84 (84-15)
81078	Detection Aids - Protected Areas 05/09/84 (84-15)
81080	Detection Aids - VA, MAA, and CAA 05/09/84 (84-15)
81084	Alarm Stations 05/09/84 (84-15)
81088	Communications 05/09/84 (84-15)
81110	Operational Safeguards Despoyee Evaluation (OSDE)
01110	Operational Safeguards Response Evaluation (OSRE) 09/08/00 (00-017)
81310	Physical Protection of Shipments of Irradiated Fuel
01010	02/20/86 (86-09)
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
0.0.0	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
	Transit 08/20/86 (86-40)
81401	Plans, Procedures, and Reviews 09/17/01 (01-017
81402	Reports of Safeguards Events 06/13/85 (85-23)
81403	Receipt of New Fuel at Reactor Facilities 09/17/01 (01-017
81411	Physical Protection for Reactors with Formula
	Quantities of Special Nuclear Material 11/04/85 (85-34)
81421	Fixed Site Physical Protection of Special Nuclear Material
	of Moderate Strategic Significance 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 05/31/91 (91-008)
81601	Safeguards Contingency Plan - Implementation Review
	_05/09/84 (84-15)
81700	Physical Security Program for Power Reactors
	07/01/97 (97-010)
81810	Protection of Safeguards Information 02/09/87 (87-03)
81815	Authorizations for Access to National Security Information
	(NSI) and Restricted Data (RD) 04/30/97 (97-005)
81820	Physical Protection Facility Approval and Safeguarding
	of National Security Information (NSI) and Restricted
	Data (RD) 04/30/97 (97-005)
81910	Alarm Stations 02/19/91 (91-003)
81911	Assessment 02/19/91 (91-003)

PART			
	PROCEDURE 91013		
	81912 81913	Badge Control 02/19/91 (91-003) Communications 02/19/91 (91-003)	
	81914	Duress Alarms 02/19/91 (91-003)	
	81915	EECP Machine Performance - Explosive Detectors 02/19/91 (91-003)	
	81916	EECP Machine Performance - Metal Detectors 02/19/91 (91-003)	
	81917	EECP Machine Performance - X-ray 02/19/91 (91-003)	
	81918 81919	Emergency Power Supply 02/19/91 (91-003) \(\hat{91-003}\) Interior Alarms 02/19/91 (91-003)	
	81920	Intrusion Detection System 02/19/91 (91-003)	
	81921 81922	Isolation Zone 02/19/91 (91-003) Keys, Locks, and Combinations 02/19/91 (91-003)	
	81923	Lighting 02/19/91 (91-003)	
	81924 81925	MAA Barriers 02/19/91 (91-003)	
	81926	Personnel Searches 02/19/91 (91-003) Preventative Maintenance 02/19/91 (91-003)	
	81927	Protected Area Barriers 02/19/91 (91-003)	
	81928 81929	Protected Area Housekeeping 02/19/91 (91-003) Strategic Special Nuclear Material Exit Searches	
		02/19/91 (91-003)	
	81930 81931	Tactical Response Team Exercises 02/19/91 (91-003) Vehicle Barriers 02/19/91 (91-003)	
	81932	Vehicle Escorts 02/19/91 (91-003)	
	81933 81934	Vehicle Searches 03/18/91 (91-005) Warehouse Searches 03/18/91 (91-005)	
	81935	Weapons Qualification 02/19/91 (91-003)	
8200	Emergency	Planning	
	82001	Evaluation of Emergency Preparedness 05/22/00 (00-010)	
	82301	Evaluation of Exercises for Power Reactors 12/31/96 (96-024)	
	82302	Review of Exercise Objectives and Scenarios for Power Reactors 06/24/98 (98-010)	
	82701	Operational Status of the Emergency Preparedness	
	82745	Program 12/31/96 (96-024) Research Reactor Emergency Plan 08/07/92 (92-009)	
8300	Radiation Pr	rotection entertain and the second entertain a	
	83100	Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022)	
	83501	Significant Uncontrolled Radiation Exposures 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 Radioactive Material Control Program 04/17/00 (00-006)	

<u>PART</u>		
	<b>PROCEDURE</b>	
	83521	Radiation Protection - Startup 01/01/84 (84-01)
	83722	Radiation Protection, Plant Chemistry, and Radwaste:
		Organization and Management Controls (Minimum/Basic)
		09/17/01 (01-017)
	83723	General Employee, Radiation Safety, Plant Chemistry,
		Radwaste, and Transportation Training 04/17/00 (00-006)
	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)
	83743	Class I Non-Power Reactors Radiation Protection
	83750	10/03/94 (94-017) Occupational Radiation Exposure 03/15/94 (94-006)
	83801	Inspection of Final Surveys at Permanently Shutdown Reactors
	03001	08/11/97 (97-012)
	83822	Radiation Protection 09/07/00 (00-016)
	83890	Closeout Inspection and Survey 03/07/94 (94-004)
	83895	Radiation Protection - Followup on Expired Licenses
		11/08/83 (83-13)
	83895 Tbl I	07/11/85 (85-24)
		,
8400	Radioactive	Waste Management
	84100	Special Nuclear Material Inspections At Near Surface Low-Level
		Waste Disposal Facilities In Agreement States
		05/29/92 (92-006)
	84101	Radioactive Waste Management 12/30/91 (91-022)
	84521	Radwaste - Startup 01/01/84 (84-01)
	84750	Radioactive Waste Treatment, and Effluent and Environmental
	0.40=0	Monitoring 03/15/94 (94-006)
	84850	Radioactive Waste Management - Inspection of Waste
		Generator Requirements of 10 CFR 20 and 10 CFR 61
	0.4000	09/17/01 (01-017)
	84900	Low-Level Radioactive Waste Storage 10/20/00 (00-022)
8500	Material Con	atrol and Accountability
6300	<u>ivialeriai Cor</u>	ntrol and Accountability
	85102	Material Control and Accounting - Reactors 03/29/85
		(85-10)
	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)
		,

PARI		_
	<u>PROCEDURE</u>	
	85205	Facility Operations and Internal Controls 04/10/85 (85-15)
	85207	Measurement Systems 01/17/86 (86-04)
	85209	Measurement Control and Statistics 04/10/85 (85-15)
	85211	Physical Inventory 01/17/86 (86-04)
	85215	Records and Reports 01/17/86 (86-04)
	85301	MC&A for Imports and Exports 07/18/84 (84-22)
	85303	MC&A Management Structure and Personnel Training and Qualification 03/18/91 (91-005)
	85305	Item Monitoring 03/18/91 (91-005)
	85307	Process Monitoring 03/18/91 (91-005)
	85309	Measurement Systems and Control 03/18/91 (91-005)
	85311	Physical Inventory 03/18/91 (91-005)
	85313	Alarm Resolution 03/18/91 (91-005)
	85315	Accounting and Internal Control 03/18/91 (91-005)
	85401	Management Structure 07/22/99 (99-011)
	85402	Measurement Control 07/22/99 (99-011)
	85403	Measurement Control Program 07/22/99 (99-011)
	85404	Physical Inventory 10/23/96 (96-021)
	85405	Item Control Program 07/22/99 (99-011)
	85406	Resolution Program 10/23/96 (96-021)
	85407	Assessment Program 07/22/99 (99-011)
	85408	Recordkeeping 07/22/99 (99-011)
	85420	Inspection of IAEA Safeguards for Inspectors at Power
	00420	Reactors 06/22/88 (88-07)
	85425	Implementation of US/IAEA Safeguards Agreement at Fuel
	00120	Facilities 06/22/88 (88-07)
	85501	Inventory Program 07/22/99 (99-011)
	85502	Detection Program 07/22/99 (99-011)
	85503	Resolution Program 07/22/99 (99-011)
	00000	Resolution Flogram 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 10/23/96 (96-021)
	86700	Spent Fuel Pool Activities 09/17/01 (01-017)
	86721	Transportation (Basic) 09/17/01 01-017)
	86730	Transportation of Radioactive Materials (49 CFR Parts 100-
	00100	179 and 10 CFR Part 71) 04/17/00 (00-006)
	86740	Inspection of Transportation Activities 09/17/01 (01-017)
	86750	Solid Radioactive Waste Management and Transportation
	00750	
		of Radioactive Materials 03/15/94 (94-006)
8700	Materials Sa	fety Inspection
0100	iviatoriais oa	noty mopodion
	87101	Performance Evaluation Factors 02/11/97 (97-002)
	87102	Maintaining Effluents From Materials Facilities As Low As Is
	57.15 <u>E</u>	Reasonably Achievable (ALRA) 04/04/00 (00-005)
	87103	Inspection of Material Licensees Involved in an Incident or
	07 100	Bankruptcy Filing 11/03/00 (00-023)
		Bankiaptoy i ming 1 1/00/00 (00-020)

PROCEDURE			
87104	Decommissioning Inspection Procedure for Materials Licensees 06/04/97 (97-007)		
87110	Industrial/Academic/Research Programs 04/05/99 (99-005)		
	Industrial/Academic/Research Inspection Record 06/18/99 (99-009)		
87110 Ap B	Industrial/Academic/Research Inspection References 04/05/99 (99-005)		
87111	Materials Processor/Manufacturer Programs 06/11/98 (98-008)		
87111 Ap A	Materials Processor/Manufacturer Inspection Record 06/18/99 (99-009)		
87111 Ap B	Materials Processor/Manufacturer Inspection References 06/11/98 (98-008)		
87112	Irradiator Programs 06/11/98 (98-008)		
87112 Ap A	Irradiator Inspection Record 06/18/99 (99-009)		
87112 Ap B	Irradiator Inspection References 06/11/98 (98-008)		
87113	Well Logging Programs 06/11/98 (98-008)		
	Well Logging Inspection Record 06/18/99 (99-009)		
	Well Logging Inspection References 06/18/98		
87114	Fixed and Portable Gauge Programs 06/11/98 (98-008)		
	Fixed and Portable Gauge Inspection Record 06/18/99 (99-009)		
·	Fixed and Portable Gauge Inspection References 06/11/98 (98-008)		
87115	Nuclear Medicine Programs 08/28/00 (00-013)		
87116	Medical Teletherapy Programs 08/28/00 (00-013)		
87117	Radiopharmacy Programs 05/07/98 (98-007)		
	Radiopharmacy Inspection Record 06/18/99 (99-009)		
	Radiopharmacy Inspection References 05/07/98 (98-007)		
87118	Brachytherapy Programs 08/28/00 (00-013)		
87119	Medical Broad-Scope Programs 08/28/00 (00-013)		
87120	Industrial Radiography Programs 05/03/99 (99-008)		
87120 A 87120 B	Industrial Radiography Inspection Record 06/18/99 (99-009) Industrial Radiography Inspection References 05/03/99 (99-008)		
87250 87654	Locating Missing Materials Licensees 01/11/97 (97-002) Uranium Mill Site Decommissioning Inspection 09/02/97 (97-013)		

# 8800 Fuel Facility Inspection

88001	On-Site Construction 04/15/94 (94-011)
88002	Operational Event Review and Feedback Programs at Fuel Cycle Facilities 12/20/96 (96-025)
88003	Reactive Inspection For Events At Fuel Cycle Facilities 08/10/98 (98-012)
88005	Management Organization and Controls 05/23/84 (84-17)
88010	Operator Training/Retraining 05/23/84 (84-17)
88015	Headquarters Nuclear Criticality Safety Program 12/20/96 (96-025)
88020	Regional Criticality Safety Inspection Program 12/20/96 (96-025)
88025	Maintenance and Surveillance Testing, 05/23/84 (84-17)

PART	PROCEDUR 88035 88045 88050 88055 88056 88057 88058 88059 88060 88061 88062 88063 88064 88065 88066 88100 88101 88101 88102 88103 88104	Radioactive Waste Management 05/23/84 (84-17) Environmental Protection 05/23/84 (84-17) Emergency Preparedness 04/08/96 (96-007) Fire Protection 01/14/91 (91-001) Process Safety Information 01/16/96 (96-001) Hazard Identification Information 01/16/96 (96-001) Standard Operating Procedures 01/16/96 (96-001) Site-Wide Safety Procedures 01/16/96 (96-001) Detection and Monitoring 01/16/96 (96-001) Chemical Safety Training 01/16/96 (96-001) Maintenance and Inspection 01/16/96 (96-001) Management of Change 01/16/96 (96-001) Emergency Response Procedures 01/16/96 (96-001) Incident Investigation 01/16/96 (96-001) Audits and Inspection 01/16/96 (96-001) Plant Operations 12/30/96 (96-026) Configuration Control 12/30/96 (96-026) Surveillance Observations 12/30/96 (96-026) Decommissioning Inspection Procedure For Fuel Cycle Facilities 06/04/97 (97-007) Management Organization and Controls 12/30/96 (96-026)
8900	Fuel Facility and Materials Special Program	
	89001	In-Situ Leach (ISL) Facilities 09/02/97 (97-013)
9000	Reportable	Matters and Report Reviews
	90501B	Reportable Matters - Startup Test Program 04/30/75 (75-16)
	90712	Inoffice Review of Written Reports of Nonroutine Events at Power Reactor Facilities 12/31/98 (98-020)
	90713	In Office Review of Periodic and Special Reports 09/17/01 (01-017)
	90714	Nonroutine 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 Followup of Written Reports of Nonroutine Events at Power Reactor Facilities 12/31/98 (98-020)
	92701 92702	Followup 03/14/94 (94-005) Followup on Corrective Actions for Violations and Deviations 03/14/94 (94-005)

<u>PART</u>	
PROCEDUR	<u>RE</u>
92703	Followup of Confirmatory Action Letters 09/17/01 (01-017)
92709	Licensee Plans for Coping With Strikes 08/21/92 (92-010)
92711	Continued Implementation of Strike Plans During an Extended Strike 08/21/92 (92-010)
92712	Resumption of Normal Operations After a Strike 08/21/92 (92-010)
92901	Followup - Plant Operations 09/17/01 (01-017)
92902	Followup - Maintenance 09/17/01 (01-017)
92903	Followup - Engineering 09/17/01 (01-017)
92904	Followup - Plant Support 09/17/01 (01-017)

# 9300 Non-Routine Activities

93001 93702	OHSA Interface Activities 05/22/89 (89-009) Prompt Onsite Response To Events At Operating Power Reactors 09/17/01 (01-017)
93800 93801	Augmented Inspection Team 04/03/00 (00-003) Safety System Functional Inspection (SSFI) 07/25/96 (96-016)
93802	Operational Safety Team Inspection (OSTI) 11/27/89 (89-015)
93803	Safety Systems Outage Modifications Inspection 04/27/89 (89-008)
93804	Risk-Based Operational Safety and Performance Inspection 01/15/92 (92-001)
93805	Maintenance Program 08/06/93 (93-070)
93806	Operational Readiness Assessment Team Inspections 09/29/98 (98-015)
93807	Systems Based Instrumentation and Control Inspection 01/29/93 (93-001)
93809	Safety System Engineering Inspection (SSEI) 06/23/97 (97-009)
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 03/06/01 (01-006)

### 9400 Technical Activities of an Administrative Nature

# 9500 Strategic Determination Actions

95001	Inspection for One or Two White Inputs in a Strategic
	Performance Area 03/06/01 (01-006)
95002	Inspection for One Degraded Cornerstone or Any three White
	Inputs in a Strategic Performance Area 03/06/01 (01-006)
95003	Inspection for Repetitive Degraded Cornerstones, Multiple
	Degraded Cornerstones, Multiple Yellow Inputs, or One
	Red Input 04/03/00 (00-003)

PROCEDURE

9600 Reserved

9700 Reserved

9800 Reserved

#### **TECHNICAL GUIDANCE**

0000	$\sim$ .	.1	2
9900	Gui	aan	ce

99000	Technical Guidance 05/12/86 (86-26)
99100	Health Physics Positions 10/30/92 (92-011)

#### **Technical Guidance**

Reg. Guide 1.16,	Para. C.2.a(2) and C.2.b(2) - Reporting Requirements - Degraded Mode 04/01/79 (79-05)
Reg. Guide 1.16,	Para. C.2.a(3) - Reporting Requirements - Abnormal Degradation 04/01/78 (78-11)

Reg. Guide 1.16, Para. C.2.a(4) - Reporting Requirements - Reactivity Anomalies 07/01/78 (78-24)

Reg. Guide 1.33 - "Procedure Implementation" as used in Section 6.8.1 of Standard Technical Specifications 04/01/77 (77-05)

Reg. Guide 1.58 - Qualifications of Nuclear Power Plant Inspection, Examination and Testing Personnel 04/01/77 (77-05)

ASME Secton 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 Pressure Vessel Code, Section III & XI 11/12/96 (96-022)

ASME Section IX American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section IX 05/12/86 (86-26)

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)

IEEE Institute of Electrical and Electronic Engineers IEEE Standard 450-1975 05/12/86 (86-26)

ANSI American National Standards Institute ANSI N18.7-1972 Section 5.1.5 05/12/86 (86-26)

ANSI ANSI N18.7, Section 5.2.7 - Design and Construction Type Activities Conducted During the Operations Phase (Maintenance and Modifications) 04/01/77 (77-05)

ANSI ANSI N45.2.9, Section 5.5 - Records Storage Facility 1/01/82 (81-28)

Issue Date: 10/11/01

TABLE OF CONTENTS

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

# **TECHNICAL GUIDANCE**

ANSI	ANSI N45.2.9, Section 5.6 - NRC Criteria for Records Storage Facilities 07/01/80 (80-17)
ANSI	ANSI/ASME NQA-1-1989, Supplement 17S-1, Section 5 09/17/90 (CN-010) (90-010)
STS Sec 1.0	Operability 05/12/86 (86-26)
STS Sec 1.0	Definitions 12/08/86 (86-54)
STS Sec 1.0	Operable/Operability 10/31/91 (91-015)
STS Sec 3.0	Acceptable Measurement Tolerances for Technical Specification Limits 10/01/78 (78-35)
STS Sec 3.0	Operability and Action Statement Requirements 07/01/80 (80-17)
STS Sec 3.0	Voluntary Entry Into Action Statement 01/01/82 (81-28)
STS Sec 3.0	Resolution of Degraded and Nonconforming Conditions 10/23/97 (97-018) [STS30DEG.TG]
STS Sec 3.0.3	Limiting Conditions for Operations 08/31/87 (87-30)
STS Sec 3.0 and Sec 4.0	Limiting Conditions for Operation and Surveillance Requirements 07/22/87 (87-26)
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 4.7.9	Surveillance of Snubber Piston Settings 04/01/81 (81-08)
STS Sec 4.7.9.1.a	Establishment of Visual Inspection Intervals for Snubbers 10/01/78 (78-35)
STS Sec 4.7.9.1(a)	Hydraulic Snubber Inspection Schedule 01/01/79 (78-48)
STS Sec 4.7.9.6	Operability of Hydraulic Snubbers With Empty Reservoirs 10/01/80 (80-24)

STS Sec 4.8.1.1.2 - 05/12/86 (86-26)

#### **TECHNICAL GUIDANCE**

<u>I E O I II (I O / I</u>	AL COIDAITOL
STS Sec 6.5.1	Onsite Committee Review of Unit Operations to Detect Potential Nuclear Safety Hazards 10/01/80 (80-24)
STS Sec 6.5.1.1	Licensee Review Responsibility for Matters Related to Nuclear Safety 01/01/82 (81-28)
STS Sec 6.5.1.6c and Sec 6.5	Licensee Review Responsibility for Proposed Changes to Facility Technical Specifications 01/01/82 (81-28)
STS Sec 6.5.2.8	Requirements for Off-Site Committee Audit Functions 10/01/78 (78-35)
STS Sec 6.9.1.7	Reporting Requirements - Reportable Occurrences 04/01/78 (78-11)
STS	Surveillance Sections - Locked or Otherwise Secured Components 10/01/77 (77-25)
STS Interp	Licensee Technical Specification Interpretations 02/03/97 (97-001)

#### Maintenance

Voluntary Entry Into Limiting Conditions For Operation Action Statements To Perform Preventive Maintenance 04/20/99 (99-023)

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 10/11/01 (01-021) [SGTUBELKG.TG]

Issue Date: 10/11/01

#### Operations

Procedural Adherence 01/14/91 (91-001)

#### **TECHNICAL GUIDANCE**

Notice of Enforcement Discretion 12/12/00 (00-027) [NOED.TG]

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

Safety and Compliance 09/09/97 (97-015) [SAFETY.TG]

Issue Date: 10/11/01 - 29 - TABLE OF CONTENTS

# **10 CFR GUIDANCE**

# 10 CFR GUIDANCE

10 01 11 0011	<u> </u>
	CFR Discussions Containment Integrated Leak Rate Testing 12/08/86 (86-54)
	Title 10 of the Code of Federal Regulations 12/08/86 (86-54)
10 CFR 30	License Condition, "Used by or under the supervision of" 10/01/79 (79-23)
50	Byproduct Material Produced in Non-Power Reactors 09/30/88 (88-14)
50.34(a) & (b)	Status of PSAR After FSAR is Submitted 12/30/87 (87-39)
50.36	Changes to Facility Technical Specifications 01/01/77 (76-39)
50.54(o)	Guidance Relating to the Application of Appendix J -Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors 04/01/78 (78-11)
50.55(e)	Construction Deficiency Reporting 01/31/89 (89-002)
50.55a	Codes and Standards 02/22/73 (73-9)
50.55a(g)	Pump Operability Requirements 07/01/80 (80-17)
50.59	10 CFR 50.59, Changes, Tests, and Experiments 03/13/01 (01-008) [50_59.CFR]
50.109	Backfitting 01/01/82 (81-28)
Part 50, App A	Definition of Leak-Before-Break Analysis 09/26/96 (96-020)
Part 50, App B	Responsibility - Review and Approval of Licensee QA Plans for Operation, 10/01/80 (80-24)
Part 50, App B	Applicability of Appendix B to Chemicals and Reagents, 04/01/77 (77-05)
Part 50, App B	Criterion II - Maintenance of Proficiency for Personnel Performing Activities Affecting Quality 07/01/81 (81-19)
Part 50, App B	Criterion VII - Guidance - Use of Certificate of Conformance 04/01/80 (80-08)
Part 50, App B	Criterion VII - Guidance - Procurement of Spare and Replacement Parts, 01/01/82 (81-28)
Part 50, App B	Criterion VII - Control of Purchased Materials, Equipment and Services 06/02/71 (71-16)
Part 50, App B	Criterion X & XVII - Inspection Documentation Guidance

### **10 CFR GUIDANCE**

01/14/88 (88-01)

Part 50 Appendix J, Containment Integrated Leak Rate Testing 12/08/86 (86-54)

Material Balance, Inventory, and Records Requirements 70.51

12/19/74 (74-11)

Report of Accidental Criticality or Loss of Special Nuclear Material 11/15/74 (74-010) 70.52

#### **Interpretations**

Materials License Conditions - Interpretations 05/12/71 (71-12)

**END** 

Issue Date: 10/11/01 **TABLE OF CONTENTS** - 31 -