

# THE STATE OF FLORIDA RADIOLOGICAL EMERGENCY MANAGEMENT PLAN



## Annex A to the State Comprehensive Emergency Management Plan



FLORIDA DIVISION OF EMERGENCY MANAGEMENT  
2555 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-2100  
850.413.9969



<b>TABLE OF CONTENTS</b>		<b>PAGE</b>
Executive Summary .....		v
Local Authorities .....		vii
Definitions .....		viii
Cross References to Nuclear Regulation - 0654, Federal Emergency .....		xi
Management Agency- Radiological Emergency Preparedness, Revision #1		
<b>CHAPTER 1 – INTRODUCTION</b> .....		1-1
Purpose and Scope .....		1-1
Assumptions .....		1-1
Emergency Planning Zones.....		1-2
<b>CHAPTER 2 - THE RADIOLOGICAL RESPONSE ORGANIZATION</b> .....		2-1
General .....		2-1
State Emergency Response Team .....		2-1
Risk Counties.....		2-9
Host Counties .....		2-9
Ingestion Pathway Counties .....		2-9
Other Organizations.....		2-10
Federal Organizations and Responsibilities.....		2-11
<b>CHAPTER 3 - DIRECTION AND CONTROL</b> .....		3-1
General .....		3-1
Concept of Operations .....		3-1
<b>CHAPTER 4 - EMERGENCY CLASSIFICATION SYSTEM</b> .....		4-1
General .....		4-1
Emergency Classes .....		4-1
Emergency Action.....		4-3
<b>CHAPTER 5 - NOTIFICATION AND ACTIVATION</b> .....		5-1
General .....		5-1
Notification and Activation.....		5-2
Notification of the Public .....		5-5
<b>CHAPTER 6 - EMERGENCY COMMUNICATIONS</b> .....		6-1
General .....		6-1
Warning Points.....		6-1
Communications Systems .....		6-1
Testing .....		6-2
<b>CHAPTER 7 - PUBLIC INFORMATION AND EDUCATION</b> .....		7-1
General .....		7-1
Public Information Spokesperson .....		7-1
Public Information Officers.....		7-1
Emergency News Facilities.....		7-2
Coordination of Media Releases.....		7-3
Rumor Control.....		7-4
Public Education .....		7-4

<b>TABLE OF CONTENTS</b>		<b>PAGE</b>
<b>CHAPTER 8 - EMERGENCY FACILITIES AND EQUIPMENT</b> .....		8-1
General .....		8-1
Emergency Response Facilities.....		8-1
Transportation to Licensee’s Emergency Operations Sites .....		8-3
The Joseph M. Farley Power Plant.....		8-3
Radiological Response Equipment .....		8-4
<b>CHAPTER 9 - ACCIDENT ASSESSMENT</b> .....		9-1
General .....		9-1
Initial Assessment.....		9-1
Field Monitoring .....		9-1
Additional Assessment and Monitoring Support .....		9-2
<b>CHAPTER 10 - RADIOLOGICAL EXPOSURE CONTROL</b> .....		10-1
General .....		10-1
Exposure Monitoring.....		10-1
Authorization of Exposure in Excess of Protective Action Guides .....		10-2
Radioprotective Drugs (Potassium Iodide - KI).....		10-2
Decontamination .....		10-3
<b>CHAPTER 11 - PROTECTIVE RESPONSE</b> .....		11-1
General .....		11-1
Protective Measures .....		11-1
Concept of Operations.....		11-1
Protective Action Guides.....		11-6
Evacuation .....		11-6
In-place Sheltering .....		11-6
Radioprotective Drugs (Potassium Iodide) .....		11-7
<b>CHAPTER 12 - MEDICAL AND PUBLIC HEALTH SUPPORT</b> .....		12-1
General .....		12-1
Medical Support.....		12-1
<b>CHAPTER 13 - RECOVERY AND RETURN</b> .....		13-1
General .....		13-1
Recovery.....		13-1
Return .....		13-1
Estimate of Population Exposure.....		13-2
<b>CHAPTER 14 - EXERCISES AND DRILLS</b> .....		14-1
General .....		14-1
Exercises .....		14-1
Drills.....		14-3
<b>CHAPTER 15 - RADIOLOGICAL EMERGENCY RESPONSE TRAINING</b> .....		15-1
General .....		15-1
Training Levels.....		15-1
Training Standard .....		15-2
Organizations Requiring Training .....		15-2
Training Schedule.....		15-2

<b>TABLE OF CONTENTS</b>		<b>PAGE</b>
<b>APPENDIX I - CRYSTAL RIVER SITE PLAN</b> .....		I-1
<b>APPENDIX II - TURKEY POINT SITE PLAN</b> .....		II-1
<b>APPENDIX III - ST. LUCIE SITE PLAN</b> .....		III-1
<b>APPENDIX IV - FARLEY SITE PLAN</b> .....		IV-1
<b>APPENDIX V - THE LAUNCH OF RADIOISOTOPE THERMOELECTRIC GENERATORS</b> .....		V-1

<b>LIST OF FIGURES</b>		<b>PAGE</b>
1-1	NUCLEAR POWER PLANT SITES IN FLORIDA 10 AND 50 MILE RADIUS ...	1-3
2-1	STATE OF FLORIDA FORWARD-STATE EMERGENCY RESPONSE .....	2-13
	TEAM ORGANIZATIONAL CHART FOR A COMMERCIAL NUCLEAR POWER PLANT EMERGENCY	
2-2	PRIMARY AND SUPPORT RESPONSIBILITIES MATRIX.....	2-14
4-1	PROTECTIVE ACTION DECISION FLOW CHART AT THE .....	4-4
	EMERGENCY OPERATION FACILITY	
5-1	FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM .....	5-6
5-2	ALABAMA NOTIFICATION MESSAGE FORM FOR THE FARLEY .....	5-7
	NUCLEAR POWER PLANT	
6-1	TESTING OF COMMUNICATION SYSTEMS CHART .....	6-3
7-1	SAMPLE PRESS RELEASE - UNUSUAL EVENT .....	7-6
7-2	SAMPLE PRESS RELEASE - ALERT .....	7-7
7-3	SAMPLE PRESS RELEASE - SITE AREA RELEASE.....	7-8
7-4	SAMPLE PRESS RELEASE - GENERAL EMERGENCY .....	7-9
7-5	SAMPLE PRESS RELEASE -CONTINUATION OF EVENT .....	7-10
7-6	SAMPLE PRESS RELEASE - EMERGENCY ALERT SYSTEM.....	7-11
	ACTIVATION	
7-7	SAMPLE PRESS RELEASE - AGRICULTURE EMBARGO .....	7-13
7-8	SAMPLE PRESS RELEASE - ALL CLEAR.....	7-14
8-1	STATE EMERGENCY OPERATIONS CENTER FLOOR PLAN.....	8-6
8-2	RADIOCHEMISTRY LABORATORY AND ANALYTICAL CAPABILITIES.....	8-7
8-3	OFFSITE MONITORING EQUIPMENT AVAILABLE TO FIELD TEAMS.....	8-9
8-4	RADIOLOGICAL EMERGENCY RESPONSE KITS.....	8-10
10-1	INDIVIDUAL EXPOSURE RECORD FORM .....	10-5
10-2	PERMANENT RADIATION EXPOSURE RECORD FORM .....	10-6
10-3	DECONTAMINATION ACTION GUIDES .....	10-7
10-4	WORKERS DOSE LIMIT GUIDANCE.....	10-8
10-5	HEALTH EFFECTS ASSOCIATED WITH WHOLE-BODY DOSES.....	10-9
10-6	CANCER RISK.....	10-10
11-1	RECOMMENDED PROTECTIVE ACTION GUIDANCE FOR EARLY .....	11-8
	PHASE OF AN INCIDENT	
11-2	PROTECTIVE ACTION GUIDES FOR EXPOSURE TO DEPOSITED .....	11-9
	RADIOACTIVITY DURING THE INTERMEDIATE PHASE OF A NUCLEAR INCIDENT	
11-3	PROTECTIVE ACTION GUIDES FOR INGESTION OF CONTAMINATED .....	11-10
	FOODS	

<b>LIST OF FIGURES</b>		<b>PAGE</b>
12-1	EMERGENCY MEDICAL SUPPORT FACILITIES WITH A UTILITY ..... AGREEMENT	12-2
12-2	AGREEMENTS FOR AMBULANCE SERVICE SUPPORT .....	12-5
13-1	RECOVERY AND RETURN PLAN (EXAMPLE) .....	13-3
15-1	LEVELS OF INSTRUCTION NEEDED FOR RISK & HOST COUNTY ..... PERSONNEL	15-3
15-2	LEVELS OF INSTRUCTION NEEDED FOR INGESTION COUNTY ..... PERSONNEL	15-4
15-3	LEVELS OF INSTRUCTION NEEDED FOR STATE PERSONNEL .....	15-5

## EXECUTIVE SUMMARY

The State of Florida Radiological Emergency Management Plan (**Annex A**) identifies the actions to be taken by the State and local governments in preparing for, responding to, and recovering from a radiological emergency. This Annex addresses the Crystal River Nuclear Power Plant (operated by Florida Power Corporation), the Turkey Point Nuclear Power Plant (operated by the Florida Power and Light Company), the St. Lucie Nuclear Power Plant (operated by the Florida Power and Light Company), the Farley Nuclear Power Plant (operated by the Southern Nuclear Operating Company), and the launch of Radioisotope Thermoelectric Generators from the Kennedy Space Center/Cape Canaveral Air Station. This Annex establishes the planning and operational concepts for responses to emergency radiological situations at these locations. The details of the implementation of these concepts are contained in State and county implementing procedures.

The Department of Community Affairs, Division of Emergency Management, has overall responsibility for coordination of the response to a radiological emergency by federal, State and local agencies. The Division also has the overall authority and responsibility for updating and coordinating the plans with other response organizations. Within the Division, the Bureau of Preparedness and Response has the responsibility for coordinating State planning for a radiological emergency.

The Annex is divided into twenty chapters as follows:

**Chapter 1 - Introduction** - provides a discussion of the purpose, scope, and planning assumptions on which the Annex was developed.

**Chapter 2 - The Radiological Emergency Response Organization** - identifies the various State, county, and federal response organizations and describes their responsibilities in the event of a radiological emergency.

**Chapter 3 - Direction and Control** - describes the management of the emergency response efforts at the State and county levels.

**Chapter 4 - Emergency Classification System** - describes the four classes of emergency for a fixed nuclear facility and explains the general actions to be taken in response to each classification.

**Chapter 5 - Notification and Activation** - identifies the responsibilities and systems for alert of emergency personnel; activating emergency plans; obtaining assistance from other agencies; and warning the public.

**Chapter 6 - Emergency Communications** - describes the primary and backup in-place communications systems used by the licensee and the State/local agencies.

**Chapter 7 - Public Information and Education** - provides guidance for the timely and accurate collection, coordination, and dissemination of information to keep the public informed of potential hazards and emergency responses.

**Chapter 8 - Emergency Facilities and Equipment** - identifies the State, local and licensee emergency response facilities and equipment that would be used to effectively manage a radiological emergency.

**Chapter 9 - Accident Assessment** - establishes the procedures to be used during an emergency at a nuclear power plant to assess the health and safety hazard to citizens. This Chapter identifies the organizations responsible for assessing and recommending necessary protective actions. Also described is the federal assistance available to support State emergency operations and procedures for obtaining this assistance.

**Chapter 10 - Radiological Exposure Control** - establishes the means for controlling radiological exposure of emergency workers.

**Chapter 11 - Protective Response** - provides guidelines for actions that can be taken to protect the public from significant releases of radioactive materials.

**Chapter 12 - Medical and Public Health Support** - describes arrangements for emergency hospital and medical services and for transporting victims of radiological emergencies to medical support facilities.

**Chapter 13 - Recovery and Reentry** - outlines the general procedures to be used after a radiological emergency has been brought under control to assure that persons are not allowed to return to a contaminated area until it is safe.

**Chapter 14 - Exercises and Drills** - outlines the requirements for periodic radiological exercises and drills to evaluate the plan and the basic skills of emergency response personnel.

**Chapter 15 - Radiological Emergency Response Training** - provides assurances that emergency personnel are adequately trained to respond to a radiological emergency.

**Appendix I - Crystal River Commercial Nuclear Power Plant (Site Plan)** - establishes site-specific procedures and protective actions to ensure the health, safety and welfare of persons affected by a radiological emergency at this plant.

**Appendix II - Turkey Point Commercial Nuclear Power Plant (Site Plan)** - establishes site-specific procedures and protective actions to ensure the health, safety and welfare of persons affected by a radiological emergency at this plant.

**Appendix III - St. Lucie Commercial Nuclear Power Plant (Site Plan)** - establishes site-specific procedures and protective actions to ensure the health, safety and welfare of persons affected by a radiological emergency at this plant.

**Appendix IV - Farley Commercial Nuclear Power Plant (Site Plan)** - establishes procedures and protective actions to ensure the health, safety and welfare of persons affected by a radiological emergency at this plant.

**Appendix V - Kennedy Space Center/Cape Canaveral Air Station (State of Florida Radiological Emergency Management Plan for the Launch of Radioisotope Thermoelectric Generators)** - establishes operational guidance for effectively managing State resources in response to an emergency during or immediately following a launch of a radioisotope thermoelectric generator at the Kennedy Space Center.

## LOCAL AUTHORITIES

The development and implementation of the State of Florida Emergency Management Annex for a Radiological Emergency is consistent with and pursuant to the applicable State and federal authorities and references that are listed in Section VII (References and Authorities) of the State of Florida Comprehensive Emergency Management Plan. In addition, the Florida Bureau of Radiation Control, Standard Operating Procedure numbers 1 through 19 for Radiological Emergencies and the following local authorities and references are applicable to this Annex:

- 1) Citrus County Administrative Regulations
- 2) Citrus County Board of County Commissioners current Resolution on Disaster Preparedness
- 3) Monroe County Board of County Commissioners current Resolution on Civil Defense
- 4) Levy County Board of County Commissioners current Resolution on Disaster Preparedness
- 5) Martin County Board of County Commissioners current Resolution on Emergency Management
- 6) St. Lucie County Board of County Commissioners current Resolution on Emergency Management
- 7) Metropolitan Dade County Administrative Order 9-2
- 8) Metropolitan Dade County Administrative Order 9-5
- 9) Metropolitan Dade County Administrative Order 9-12
- 10) Metropolitan Dade County Administrative Order 9-19
- 11) Code of Metropolitan Dade County Chapter 8B
- 12) Existing Mutual Aid Agreements

## DEFINITIONS

Alpha Radiation	Emission of positively charged particles from nucleus of an atom.
Beta Radiation	Emission of negatively charged particles (electrons) from the nucleus of an atom.
Contamination	The deposition of radioactive materials levels on the surface of structures, areas, objects, or personnel.
Curie	A unit of radioactivity equal to $3.7 \times 10^{10}$ disintegrations per second.
Decontamination	The reduction or removal of contamination from structures, areas, objects or personnel.
Direct Read Dosimeter	<p>An instrument that allows the wearer to determine the level of gamma radiation exposure that he or she has received; can be read directly in the field.</p> <p>Examples:</p> <p>CDV - 138 B Measures gamma only (0-200mR)</p> <p>CDV B 730 B Measures gamma only (0-20R)</p> <p>CDV B 742 B Measures gamma only (0-200R)</p>
Dose	A general term denoting the quantity of radiation or energy absorbed.
Dose Commitment	The radiation dose equivalent received by an exposed individual to the organ cited over a lifetime from a single event.
Dose Equivalent	The quantity that expresses all radiation on the common scale for calculating the effective adsorbed dose. It is defined as the product of the absorbed dose in rads and certain modifying factors. The unit of dose equivalent is the Roentgen Equivalent Man.
Dose Rate	The radiation dose delivered per unit of time (measured, for example, in Roentgen Equivalent Man per hour).
Dosimeter	An instrument that measures an individual's cumulative external exposure to radiation.
Dosimeter Badge	A badge device that provides the official dose of record (e.g. film, TLDS, Luxels, etc.).
Emergency Classification	Any event or condition which is classified into one of the four event categories (Unusual Event, Alert, Site Area Emergency, and General Emergency).

Emergency Planning Zone	The area around a nuclear power plant for which planning efforts are made. There are two zones, the 10-mile plume exposure zone and the 50-mile ingestion exposure zone.
Gamma Radiation	A form of electromagnetic, high energy radiation emitted from a nucleus. Gamma radiation is essentially the same as X-rays and requires heavy shielding.
Host County	A county designated to receive and care for evacuees from a Risk county.
Ingestion Exposure Pathway	The ingestion pathway zone extends for a radius of approximately 50 miles from the plant site. The principal exposure source from this pathway would be from ingestion of contaminated water or foods such as milk, fresh vegetables, or aquatic food stuffs.
Licensee	Utility licensed by the U.S. Nuclear Regulatory Commission to operate a nuclear power plant.
Megawatt	One million watts.
Microcurie	1/1,000,000 of a curie.
Millirem	1/1000 of a Roentgen Equivalent Man.
Noble Gases	Gases that do not react chemically with other materials and is not absorbed by plants or animals. The noble gases are helium, neon, argon, krypton, xenon, and radon.
Offsite	All land and water areas outside the owner controlled area.
Onsite	All land and water areas inside the owner controlled area.
Plume	Radioactive cloud driven by wind.
Plume Exposure Pathway	The Plume exposure pathway extends outward to a radius of approximately 10 miles from the plant site. The principal exposure sources are direct external exposure to beta and gamma radiation from the plume and deposited material, and internal exposure resulting from the inhalation of radioactive material in the plume.
Potassium Iodide (KI)	A blocking agent for radioiodine which prevents the thyroid from absorbing radioactive iodine by saturating the thyroid with stable iodine.
Pressurized Water Reactor	Reactor in which the primary closed coolant system is kept under enough pressure so that it does not boil. Steam formed in a secondary closed system by heat transfer is used to turn turbines to generate electricity.

Protective Action	An action taken to avoid or reduce a projected dose (sometimes referred to as a protective measure).
Protective Action Guide	The projected dose commitment to individuals in the general population from a release of radioactive material that warrants consideration of protective actions to avoid that dose. The Protective Action Guide does not include the dose that has unavoidably occurred before the assessment.
Radiation Absorbed Dose (RAD)	The basic unit of dose of ionizing radiation.
Risk County	A county within the 10-mile plume exposure pathway emergency planning zone.
Roentgen (R)	A measure of the total amount of ionization that a quantity of gamma or x-ray radiation would produce in air.
Roentgen Equivalent Man (REM)	The dose of ionizing radiation that will cause the same biological effect as one roentgen of x-ray or one gamma-ray exposure.
State Emergency Response Team	A team comprised of State agency representatives, volunteer groups, and business sector representatives grouped together to assist the State in preparation for, response to, recovery from, and mitigation of the impacts of an emergency or disaster event.
Survey Meters	Meters that detect and read radiation exposure in units of time.  Examples:  CDV-700 - Detects beta (cpm); measures gamma only (0-50 mR/hr)  CDV-715 - Measures gamma only (0 - 500R/hr)  CDV-718 - Detects beta (0 - 5 R/hr); measures gamma (0 - 10,000 R/hr)

**CROSS REFERENCE TO NUCLEAR REGULATION - 0654**  
**Federal Emergency Management Agency**  
**Radiological Emergency Preparedness, Revision #1**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>	
A.1.a.	p. 2-1 Sect. II-VII	p. I-1 Sect. II	p. II-1 Sect. II	p. III-1 Sect. II
A.1.b.	p. 2-1 Sect. I-VII p. 3-1 Sect. II	p. I-1 Sect. II p. I-14 Sect. III	p. II-1 Sect. II p. II-13 Sect. III	p. III-1 Sect. II p. III-20 Sect. III
A.1.c.	Fig. 2-1 & 2-2	Fig. I-4 & I-6	Fig. II-4 & II-6	Fig. III-4, III-6, III-8, III-10 & III-12
A.1.d.	p. 2-1 Sect. I p. 3-1 Sect. II	p. I-1 Sect. II p. I-14 Sect. III	p. II-2 Sect. II(A) p. II-14 Sect. III(B)	p. III-1 Sect. II A-M
A.1.e.	p. 2-1 Sect. I p. 5-1 Sect. I C p. 6-1 Sect. II & III p. 10 Sect III A. SCEMP	p. I-18 Sect. VII. A&B.	p. II-21 Sect. VIII. A. p. II-22 Sect. VIII. B.	p. III-27 Sect. VII
A.2.a.	p. 2-1 Sect. II Fig. 2-2	p. I-1 Sect. II Fig. I-3 & I-5	p. II-1 Sect. II Fig. II-3 & II-5	p. III-1 Sect. II Fig. III-3, III-5, III-7, III-9 & III-11
A.2.b.	p. 2-1 Sect. I p. 1 Sect. I SCEMP	p. 1 Sect. I SCEMP	p. 1 Sect. I SCEMP	p. 1 Sect. I SCEMP
A.3.	p. 2-1 Sect. I p. 1 Sect. 1 SCEMP	p. 2-1 Sect. I	p. 2-1 Sect. I	p. 2-1 Sect. I
A.4.	p. 2-1 Sect. I p. 6-1 Sect. III p. 26 Sect. IV. B. 7, SCEMP p. 10 Sect III A, SCEMP	p. I-1 Sect. II P. I-18 Sect. VII	p. II-2 Sect. II. A p. II-7 Sect. II. B	p. III-1 Sect. II (A-I)
B.1-9.	NA	NA	NA	NA
C.1.a.	p. 11 Sect. III. C., 3 SCEMP p. 21 Sect. III. B., 2. SCEMP p. 9-2 Sect IV. B.	NA	NA	NA
C.1.b.	p. 9-2 Sect. IV. B.	NA	NA	NA

**CROSS REFERENCE (continued)**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>	
C.1.c.	p. 6-1 Sect. II & III p. 6-4, Fig.6-1 Chp 8	p. I-23 Sect. IX.G p. I-17 Sect VI, p. I-21 Sect IX p. I-53 Sect XIII Figs. 1-8, 1-9, and I-19	p. II-17 Sect VI p. p. II-26 Sect.IX.G p. II-23 Sect. IX p. II-41 Sect. XIII Figs. II-12 & II-20	III-35 Sect. IX.G p. III-24 Sect. VI P. III-37 Sect. XIII p. III-29 Sect IX Figs. III-14, III-15, & III-26
C.2.a.	p. 5-3, Sect. II.B p. 5-4 Sect. II.C p. 8-3 Sect. III.C	p. I-22 Sect. IX.C Fig. I-7	p. II-24 Sect. IX.C Fig. II-7 & Fig. II-8	p. III-31 Sect. IX.C Fig. III-13
C.2.b.	NA	NA	NA	NA
C.3.	p. 8-4 Sect. V p. 9-1 Sect. III&IV Fig. 8-2, 8-3 and 8-4	NA	NA	NA
C.4.	p. 9-1 Sect. III p. 9-2 Sect. IV p. 12-1 Sect. I & II Fig 12-1 Fig & 12-2,	p. I-1 Sect. II p. I-37 Sect. XIII p. I-37 Sect. XIII p. I-14 Sect. III	p. II-1 Sect. II p. II-41 Sect. XIII p. II-25 Sect. IX.F.	p. III-1 Sect II p. III-32 Sect. IX.F p. III-47 Sect. XIII
D.1-2.	NA	NA	NA	NA
D.3.	p. 4-3 Sect. III p. 5-1 Sect. I p. 5-2 Sect. II Fig. 5-1	p. I-15 Sect. IV p. 4-1 Sect. I p. 5-1 Sect. I	p. II-13 Sect. IV p. 4-1 Sect. I p. 5-1 Sect. I	p. III-21 Sect. IV p. 4-1 Sect. I p. 5-1 Sect. I
D.4.	p.4-3 Sect. III Fig. 4-1	p. I-15 Sect. V	p. II-14 Sect. V	p. III-21 Sect. V
E.1.	p. 5-1 Sect. I & II	p. I-15 Sect. V	p. II-14 Sect. V	p. III-21 Sect. V
E.2.	p.5-1 Sect. I & II	p. I-15 Sect. V	p. II-14 Sect. V	p. III-21 Sect. V
E.3-4.	NA	NA	NA	NA
E.5.	p. 5-5 Sect. III Chapter 7	p. I-17 Sect. VI	p. II-17 Sect. VI	p. III-24 Sect. VI
E.6.	p. 5-5 Sect. III Chapter 7	p. I-17 Sect. VI	p. II-17 Sect. VI	p. III-24 Sect. VI
E.7.	Fig. 7-1 thru 7-8	Fig. I-1 thru I-8 p. I-19 Sect. VII.C.	Fig. 7-1 thru 7-8 p. II-21 Sect. VII.C	Fig. 7-1 thru 7-8 p.III-27 Sect VII C

## CROSS REFERENCE (continued)

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>
F.1.a. p. 5-1 Sect. I p. 6-1 Sect. II	p. I-18 Sect. VII. A. p. I-19 Sect. VII. B.	p. II-19 Sect. VII.A p. II-20 Sect. VII.B	p. III-25 Sect. VII.A p. III-27 Sect VII.B
F.1.b. p. 6-1 Sect. III	p. I-18 Sect. VII. A. p. I-19 Sect. VII. B.	p. II-19 Sect. VII.A p. II-20 Sect. VII.B	p. III-25 Sect. VII.A p. III-27 Sect VII.B
F.1.c. p. 6-1 Sect. III.B	p. I-18 Sect. VII. A. p. I-19 Sect. VII. B.	p. II-19 Sect. VII.A p. II-20 Sect. VII.B	p. III-25 Sect. VII.A p. III-27 Sect VII.B
F.1.d. p. 6-1 Sect. III. A.  Fig. 6-1	p. I-18 Sect. VII. A.  Fig. 6-1	p. II-20 Sect. VII.B p. II-19 Sect. VII.A Fig. 6-1	p. III-25 Sect. VII.A p. III-27 Sect VII.B Fig. 6-1
F.1.e. p. 6-1 Sect. III	p. I-15 Sect. V	p. II-14 Sect. V	p.III-21 Sect. V
F.1.f. NA	NA	NA	NA
F.2. p.6-2 Sect. III. E.	p. I-18 Sect. VII. A. p. I-19 Sect. VII. B.	p. II-19 Sect. VII. A. p. II-20 Sect. VII.B.	p. III-25 Sect.VII.A p. III-27 Sect VII.B.
F.3. p. 6-3 Sect. IV Fig. 6-2	p. I-19 Sect. VII.C Fig. 6-2	p. II-21 Sect. VII.C Fig. 6-2	p. III-27 Sect. VII.C Fig. 6-2
G.1. p. 7-5 Sect. VII	p. I-19 Sect. VIII.A	p.II-21 Sect. VIII.A	p. III-27 Sect. VIII.A
G.2. p. 7-5 Sect. VII	p. I-19 Sect. VIII.A	p.II-21 Sect. VIII.A	p. III-27 Sect. VIII.A
G.3.a. p. 7-3 Sect. IV. B.	p. I-21 Section IX	p. II-23 Sect. IX	p. III-29 Sect. IX
G.3.b. NA	NA	NA	NA
G.4.a. p. 7-1 Sect. II & III	p. I-22 Sect. IX.D	p.II-23 Sect.VIII.D.	p. III-31 Sect. IX.D
G.4.b. p.7-3 Sect. V	p. I-20 Sect. VIII.C p. I-22 Sect. IX.D	p. II-22 Sect. VIII.B p. II-25 Sect. IX.D	p. III-28 Sect. VIII.C p. III-31 Sect. IX.D
G.4.c. p. 7-4 Sect. VI	p. I-20 Sect. VIII.D	p. II-23 Sect. VIII.D	p. III-29 Sect. VIII.D
G.5. p. 7-5 Sect. VII	p. I-20 Sect. VIII.B	p. II-22 Sect. VIII.B	p. III-28 Sect. VIII.B
H.1-2. NA	NA	NA	NA
H.3. p. 8-1 Sect. II	p. I-21 Sect. IX.A-C Fig. I-7	p. II-23 Sect.IX.A&B Fig. II-7 & Fig. II-8	p.III-29 Sect. IX.A-C Fig. III-13

**CROSS REFERENCE (continued)**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>	
H.4.	p. 8-1 Sect. II. A p. 29 Sect. IV.D.3, SCEMP p. 13 Sect IV.A.2, SCEMP	p. I-21 Sect. IX.A-C	p. II-23 Sect.IX.A&B	p. III-29 Sect. IX.A-C
H.5-6.	NA	NA	NA	NA
H.7.	p. 8-4 Sect. V. B Fig. 8-3, 8-2, 8-4 DOH, SOP #18	p. I-23 Sect. IX.F p. I-34 Sect. XII.H	p. II-25 Sect. IX.F p. II-39 Sect. XII.H.	p. III-32 Sect. IX.F p. III-45 Sect. XII. H
H.8-9.	NA	NA	NA	NA
H.10.	p. 8-4 Sect. V. B	p. I-23 Sect. IX.F	p. II-25 Sect. IX.F	p. III-32 Sect. IX.F
H.11.	Fig. 8-1 thru 8-4	Fig. I-8 & I-9	Fig. II-12	Fig. III-14 & III-15
H.12.	p. 8-4 Sect. V Fig 8-2 thru Fig 8-4, DOH, SOPs 1 thru 19	p. I-24 Sect. X p. 9-1 Sect.III.A	p. II-26 Sect. X p. 9-1 Sect.III.A	p. III-35 Sect. X p. 9-1 Sect.III.A
I.1-6.	NA	NA	NA	NA
I.7.	p. 9-1 Sect. III Chp 8, Figures 8-2thru 8-4	p. I-24 Sect. X & XI p. I-34 Sect. XII.H	p. II-26 Sect. X & XI p. II-37 Sect. XII.F	p. III-35 Sect. X & XI p. III-44 Sect. XII.F
I.8.	p. 9-1 Sect. III-IV	p. I-24 Sect. X & XI p. I-34 Sect. XII.H	p. II-26 Sect. X & XI p. II-38 Sect. XII.F	p. III-35 Sect. X & XI p. III-44 Sect. XII.F
I.9.	p. 9-1 Sect. III.A. & IV	NA	NA	NA
I.10.	p. 9-1 Sect. III. A DOH, SOPs 1 thru 19	NA	NA	NA
I.11.	p. 9-2 Sect.IV	NA	NA	NA
J.1.	NA	NA	NA	NA
J.2.	p. 11-7 Sect.V	p. 11-7 Sect. V p. I-27 Sect. XII.E.F I & J	p.11-7 Sect.V p. II-32 SectXII.E.	p. 11-7 Sect. V p. III-39 Sect. XII.E
J.3-8.	NA	NA	NA	NA

**CROSS REFERENCE (continued)**

<b>Criterion</b>	<b>State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>
J.9.	p. 11-7 Sect. IV Figs. 11-1, 11-2, & 11-3	p.I-26 Sect. XII.A	p. II-30 Sect. XII. A.	p.III-38 Sect. XII.A
J.10.a.	p. 11-7 Sect. V	Fig. I-10 thru I-18	Fig. II-9 thru II-19	Fig. III-16 thru III-25
J.10.b.	p. 11-7 Sect. V	Fig. I-13	Fig. II-14 (A-D)	Fig. III-20 & III-21
J.10.c.	p. 5-5 Sect. III p. 7-5 Sect. VII	p. I-17 Sect. VI	p. II-17 Sect. VI	p. III-24 Sect. VI
J.10.d.	p. 11-7 Sect. V p. 10-2 Sect IV p. 11-8 Sect VII	p. I-33 Section XII.G	p. II-35 Sect.XII.E.2	p. III-39 Sect. XII.E.
J.10.e.	p. 10-2 Sect. IV p. 11-8 Sect. VII	p. I-26 Sect. XII.B	p. II-30 Sect. XII.B	p. III-38 Sect. XII.B
J.10.f	p. 10-2 Sect. IV p.11-8 Sect. VII	p. I-26 Sect. XII.B p.11-8 Sect. VII	p. II-30 Sect. XII.B p.11-8 Sect. VII	p. III-38 Sect. XII.B p.11-8 Sect. VII
J.10.g	p. 11-7 Sect. III.C.	p. I-27 Sect. XII.E.F	p. II-32 Sect. XII.E	p. III-39 Sect. XII.E
J.10.h	p. 11-7 Sect. V	p. I-22 Sect. IX.E p. I-36 Sect. XII.J	p. II-25 Sect. IX.E p. II-39 Sect. XII.H	p. III-31 Sect. IX.E p. III-45 Sect. XII.H
J.10.i.	p. 11-7 Sect. V	Fig. I-15	Fig. II-16	Fig. III-22
J.10.j.	p. 11-7 Sect.V p. 2-9 Sect II C Fig 2-1	p. I-27 Sect. XII.C Fig. I-3 & I-5	p. II-31 Sect. XII.C Fig. II-3 & II-5	p. III-39 Sect. XII.C Fig. III-3 & III-5
J.10.k.	p. 11-7 Sect.V	p. I-27 Sect. XII.E p. 11-7 Sect V	p. 11-7 Sect.V p. II-32 Sect XII. E.	p. III-39 Sect. XII.E p. 11-7 Sect V
J.10.l	p. 11-7 Sect.V	Fig. I-15	Fig. II-16	Fig. III-22
J.10.m.	p. 11-1 Sect. II. A	NA	NA	NA
J.11.	p. 11-1 Sect. II. B. Fig. 11-1 & 11-2	NA	NA	NA
J.12.	p. 11-3 Sect. III.B	p. I-28 Sect. XII. F&I	p. II-38 Sect.XII.F&G	p. III-44 Sect. XII.F&G
K.1-2.	NA	NA	NA	NA
K.3.a.	p. 10-1 Sect. II	p. I-24 Sect. XI	p. II-27 Sect. XI	p. III-35 Sect. XI

**CROSS REFERENCE (continued)**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St Lucie Local</b>	
K.3.b.	p. 10-1 Sect. II Fig 10-1, 10-2	p. I-24 Sect. XI	p. II-27 Sect. XI	p. III-35 Sect. XI
K.4.	p. 10-2 Sect. III	p. I-1 Sect. II.A.1 p. I-6 Sect. II.B.1 p. I-24 Sect. XI	p. II-2 Sect. II.A.1 p. II-7 Sect. II.B.1 p. II-27 Sect. XI	p. III-1 Sect. II.A.1 p. III-5 Sect. II.B.1 p. III-35 Sect. XI
K.5.a.	p. 10-4 Sect. V Fig. 10-3	p. I-34 Sect. XII.H	p.II-38 Sect. XII.F	p. III-44 Sect. XII.F
K.5.b.	p. 10-4 Sect. V	p. I-34 Sect. XII.H	p. II-38 Sect. XII.F	p. III-44 Sect. XII.F
K.6-7.	NA	NA	NA	NA
L.1.	p. 12-1 Sect. I & II Fig. 12-1 & 12-2	p. I-37 Sect. XIII	p. II-41 Sect. XIII	p. III-47 Sect. XIII
L.2.	NA	NA	NA	NA
L.3.	p. 12-1 Sect. II A Fig. 12-1 & 12-2	NA	NA	NA
L.4.	p. 12-1 Sect. II A Fig. 12-3 & 12-2	p. I-37 Sect. XIII	p. II-41 Sect. XIII	p. III-47 Sect. XIII
M.1.	p. 13-1 Sect. I-III	p. I-37 Sect. XIV	p. II-42 Sect. XIV	p. III-47 Sect. XIV
M.2.	NA	NA	NA	NA
M.3.	p. 13-1 Sect. II	NA	NA	NA
M.4.	p. 13-2 Sect. IV	NA	NA	NA
N.1.a.	p. 14-1 Sect. II	p. I-37 Sect. XV p. 14-1 Sect II	p. II-42 Sect. XV p. 14-1 Sect II	p. III-47 Sect. XV p. 14-1 Sect II
N.1.b.	p. 14-1 Sect. II	p. I-37 Sect. XV p. 14-3 Sect II.G.	p. II-42 Sect. XV p. 14-3 Sect II.G.	p. III-47 Sect. XV P. 14-3 Sect II.G.
N.2.a.	p. 14-3 Sect. III.A	p. I-37 Sect. XV p. 14-3 Sect III.A.	p. II-42 Sect. XV p. 14-3 Sect III.A.	p. III-47 Sect. XV p. 14-3 Sect III.A.
N.2.b	NA	NA	NA	NA

**CROSS REFERENCE (continued)**

<b>Criterion State</b>		<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>
N.2.c.	NA	p. I-37 Sect. XV p. 14-3 Sect III.B.	p. II-42 Sect. XV p. 14-3 Sect III.B.	p. III-47 Sect. XV p. 14-3 Sect III.B.
N.2.d.	p. 14-4 Sect. III.C	p. I-37 Sect. XV p. 14-4 Sect III.C.	p. II-42 Sect. XV p. 14-4 Sect III.C.	p. III-47 Sect. XV p. 14-4 Sect III.C.
N.2.e	p. 14-3 Sect. III.	p. I-37 Sect. XV p. 14-4 Sect III.D.	p. II-42 Sect. XV p. 14-4 Sect III.D.	p. III-47 Sect. XV p. 14-4 Sect III.D.
N.3.a.	p. 14-2 Sect. II.F.	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-2 Sect II.F
N.3.b.	p. 14-2 Sect. II.F	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-2 Sect II.F
N.3.c.	p. 14-2 Sect. II.F	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-1 Sect II.F
N.3.d	p. 14-2 Sect. II.F	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-2 Sect II.F
N.3.e.	p. 14-2 Sect. II.F	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-2 Sect II.F
N.3.f.	p. 14-2 Sect. II.F	p. I-37 Sect. XV p. 14-2 Sect II.F	p. II-42 Sect. XV p. 14-2 Sect II.F	p. III-47 Sect. XV p. 14-2 Sect II.F
N.4.	p. 14-3 Sect. II.G	p. I-37 Sect. XV p. 14-3 Sect II.G	p. II-42 Sect. XV p. 14-3 Sect II.G	p. III-47 Sect. XV p. 14-3 Sect II.G
N.5.	p. 14-3 Sect. II.G	p. I-37 Sect. XV p. 14-3 Sect II.G	p. II-42 Sect. XV p. 14-3 Sect II.G	p. III-47 Sect. XV p. 14-3 Sect II.G
O.1	p. 15-1 Sect. II			
O.1.a.	N/A	N/A	N/A	N/A
O.1.b.	p. 15-2 Sect. III - IV	p. I-37 Sect. XVI p. 15-2 Sect. III	p. II-42 Sect. XVI p. 15-2 Sect. III	p. II-547 Sect. XVI p. 15-2 Sect. III
O.2-3.	NA	NA	NA	NA
O.4.a.	Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II

**CROSS REFERENCE (continued)**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>
O.4.b. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.c. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.d. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.e. NA	NA	NA	NA
O.4.f. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.g. NA	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.h. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.4.i. NA	NA	NA	NA
O.4.j. Fig. 15-1 - 15-3	p. I-37 Sect. XVI p. 15-1 Sect. II	p. II-42 Sect. XVI p. 15-1 Sect. II	p. III-47 Sect. XVI p. 15-1 Sect. II
O.5. p. 15-2 Sect. III & V	p. I-54 Sect. XVI p. 15-2 Sect. III & IV	p. II-42 Sect. XVI p. 15-2 Sect. III & IV	p. III-47 Sect. XVI p. 15-2 Sect. III & IV
P.1. p. 15-2 Sect. III	p. I-37 Sect. XVI p. 15-2 Sect. III	p. II-42 Sect. XVI p. 15-2 Sect. III	p. III-47 Sect. XVI p. 15-2 Sect. III
P.2. SCEMP IV. C.1	p. I-1 Sect. II	p. II-1 Sect. II	p. III-1 Sect. II
P.3. SCEMP IV. C.1	p. I-1 Sect. II	p. 1-1Sect.I	p. III-1 Sect. II
P.4. p. 1-1 Sect. I. p. 26, Sect. IV.C SCEMP IV. C.1	p. I-1 Sect. I	p. 1-1 Sect.I	p. 1-1 Sect. I
P.5. SCEMP IV. C.1	p. I-1 Sect. II	p.Basic-26 Sect.IV.C1	p.Basic-26 Sect.IV.C1

**CROSS REFERENCE (continued)**

<b>Criterion State</b>	<b>Crystal River Local</b>	<b>Turkey Point Local</b>	<b>St. Lucie Local</b>	
P.6.	p. Basic-51Sect.VII p. 26, Sect. IV.C SCEMP	p. Basic-51Sect.VII	p. Basic-51Sect.VII	p. Basic-51Sect.VII
P.7	The procurement of such documents stipulated by this criteria does not enhance the integrity of this plan. Operating Procedures available upon request.			
P.8.	Table of Contents	Table of Contents	Table of Contents	Table of Contents
P.9.	NA	NA	NA	NA
p.10.	p. 5-1 Sect. I	p. 5-1 Sect. I	p. 5-1 Sect. I	p. 5-1 Sect. I