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EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 1 of 78

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NUCLEAR OPERATIONS
Holder # 1242

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

REQUIRED APPROVALS

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OPERATION OF THE EMERGENCY OPERATIONS FACILITY

TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
1.0	<u>PURPOSE</u>	4
2.0	<u>SCOPE</u>	4
3.0	<u>APPLICABLE REFERENCE DOCUMENTS</u>	4
4.0	<u>DEFINITIONS AND ABBREVIATIONS</u>	5
4.1	DEFINITIONS	5
4.1.1	Activation	5
4.1.2	Operational	5
4.2	ABBREVIATIONS	5
5.0	<u>RESPONSIBILITIES AND ACTIONS</u>	6
5.1	RESPONSIBILITIES	6
5.2	LEVEL OF ACTIVATION	6
5.3	EQUIPMENT AND MATERIALS	7
5.3.1	Communications Systems	7
5.3.2	Radiological Monitoring Equipment	7
5.3.3	Information Displays	7
5.3.4	Documents	7
5.3.5	Other Facilities	8
5.4	RECORDS AND NOTIFICATION	8
5.4.1	Communications Precautions and Protocol	8
5.4.2	Emergency Logs	8
5.4.3	TSC Log	9
5.4.4	Accountability Log	9
5.4.5	Dose Assessment	9
5.5	INSTRUCTIONS	9
5.5.1	Organizational Staffing	9
5.5.2	Functioning of the EOF	10
5.5.3	Support Services	14
5.5.4	Deactivation	16
5.5.5	Liaison Support	16
5.5.6	Evacuation	16
6.0	<u>INTERPRETATION CONTACT</u>	17
7.0	<u>REVISION HISTORY</u>	17
 <u>FIGURES</u>		
	Figure 1, EOF Organization	18
	Figure 2, EOF Building Arrangement	19

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

Section

Page

ATTACHMENTS

Attachment 1,	Emergency Log	20
Attachment 2,	EOF Accountability Log for Non-Florida Power Personnel	21
Attachment 3,	EOF Accountability/Fitness-for-Duty (FFD) Log for Florida Power Personnel	22
Attachment 4,	EOF Emergency Position Descriptions	23
Attachment 5,	EOF Checklist	67
Attachment 6,	Short-Term Recovery Plan Generic Outline	68
Attachment 7,	TSC Computer Log Access Instructions	70
Attachment 8,	Florida Nuclear Plant Emergency Notification Form Supplemental Data Sheet	71
	State of Florida Notification Protocol	72
Attachment 9,	Guidance for Completing the Florida Nuclear Plant Emergency Notification Form	73
	Release Significance Categories	74
Attachment 10,	Emergency Coordinator to EOF Director Turnover/Briefing Worksheet	75
Attachment 11,	Guidelines for Protective Action Recommendations for Non-Essential Energy Complex Personnel and General Population	76
		78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**1.0 PURPOSE**

To provide instructions and position responsibilities for operation of the Emergency Operations Facility (EOF).

2.0 SCOPE

2.1 This procedure describes the operation of the EOF during a radiological emergency at CR-3. The EOF is the center of operations for support to control and mitigate a radiological emergency. The EOF provides a location for the following functions:

- a. Technical and logistical support activities.
- b. Assembly of Federal, State, and local emergency support organizations, and industry support teams.
- c. Support to the State Emergency Response Team.
- d. Off-site dose projections and PARs for the public to local and State agencies.
- e. Communications with the CR-3 Control Room and the TSC.
- f. Communications with the SWPT; DOH in Orlando, Florida; and Levy and Citrus County Emergency Operations Centers (EOCs).

2.2 The EOF is located in the Nuclear Training Facility at 8200 West Venable Street in Crystal River, Florida approximately 0.5 miles east of Highway 19, adjacent to the Crystal River Airport.

2.3 A Safety Assessment was performed for this procedure. A determination was made that this procedure is outside the scope of 10 CFR 50.59.

3.0 APPLICABLE REFERENCE DOCUMENTS

3.1 FP CR-3 "Radiological Emergency Response Plan"

3.2 REP-03A, "Setup of the Emergency Operations Facility"

3.3 REP-04, "Off-Site Radiological Dose Assessment Methods for the Emergency Operations Facility"

3.4 REP-08, "Dissemination of Information Following an Emergency at Crystal River Unit 3"

3.5 REP-12, "Emergency Operations Technical Support Team"

3.6 EM-204B, "Off-Site Dose Assessment During Radiological Emergencies (User Instructions for RADDose-IV)"

3.7 EM-219, "Duties of the Dose Assessment Team"

3.8 EM-225, "Duties of the Technical Support Center Accident Assessment Team"

3.9 EM-206, "Emergency Plan Roster Notification"

3.10 SEC-NGGC-2141, "Fitness For Duty Unscheduled Work Call Outs"

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**4.0 DEFINITIONS AND ABBREVIATIONS****4.1 DEFINITIONS****4.1.1 Activation**

To provide notification to emergency response personnel of the need to respond to the EOF for staffing and operation.

4.1.2 Operational

The minimum functions and communication links are established and required equipment is in proper working order per the EOF Checklist (Attachment 5).

4.2 ABBREVIATIONS

CR-3 - Crystal River Unit 3
DEM - Division of Emergency Management
DOH - Department of Health (Bureau of Radiation Control)
EAL - Emergency Action Level
EC - Emergency Coordinator
ENC - Emergency News Center
ENS - Emergency Notification System
EOC - Emergency Operations Center
EOF - Emergency Operations Facility
EPZ - Emergency Planning Zone
ESATCOM - State Emergency Satellite Communications System
FEMA - U.S. Federal Emergency Management Agency
FFD - Fitness-for-Duty
FP - Florida Power
FSAR - Final Safety Analysis Report
HPI - High Pressure Injection
HPN - Health Physics Network
HVAC - Heating, Ventilating, and Air Conditioning
INPO - Institute of Nuclear Power Operations
LAN - Local Area Network
LGR - Local Government Radio
MCL - Management Counterpart Link
MERL - Mobile Emergency Radiological Laboratory
NRC - U.S. Nuclear Regulatory Commission
OSC - Operational Support Center
PAR - Protective Action Recommendation
PAX - Public Address Exchange
PMCL - Protective Measures Counterpart Link
POM - Plant Operating Manual
PORV - Pilot-Operated Relief Valve
PNSC - Plant Nuclear Safety Committee
RACES - Radio Amateur Civil Emergency Service
REDAS - Replacement Emergency Dose Assessment System
RERP - Radiological Emergency Response Plan
RSCL - Reactor Safety Counterpart Link
SHRD - State Hot Ringdown System
SPDS - Safety Parameter Display System

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

SWPT - State Warning Point-Tallahassee
TLD - Thermoluminescent Dosimeter
TSC - Technical Support Center
TST - Technical Support Team

5.0 RESPONSIBILITIES AND ACTIONS**5.1 RESPONSIBILITIES****5.1.1 The EOF Director:**

- directs and controls all emergency phase activities.
- notifies off-site agencies and makes PARs (Attachment 11) for the public when appropriate.
- provides for notification of emergency termination and initiation of recovery operations to the NRC, State of Florida (SWPT), the CR-3 Plant Staff, and other organizations that provide on-site support.

5.1.2 The EOF Facility Manager or alternate assures that the physical setup of the EOF is accomplished per REP-03A.**5.1.3 The position description and responsibilities for each EOF Staff position is provided in Attachment 4. A directory of the positions and the page on which they can be found is provided at the front of the attachment.****5.2 LEVEL OF ACTIVATION**

The level of involvement of the various members of the EOF Organization will depend strongly on the nature of the emergency and the actions required to respond and recover. Assessment by the EOF Director, therefore, is appropriate before notifying and assembling the complete EOF Organization. The following describes the levels of involvement associated with each of the emergency classes:

a. Unusual Event

The EOF Director is notified and will notify EOF Staff as the event warrants.

b. Alert

The EOF Director may activate, at his discretion, other portions of the EOF Organization deemed necessary. Nuclear Security may be called to activate the EOF group pagers.

An Emergency Preparedness Unit member will request that an FP representative respond to the Citrus EOC and Levy EOC, when applicable.

c. Site Area Emergency & General Emergency

EOF members will be notified by telephone and/or pager of the emergency, and are required to report to their functional locations as specified in this procedure.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**5.3 EQUIPMENT AND MATERIALS****5.3.1 Communications Systems**

5.3.1.1 The following communications systems are available to responders in the EOF:

- a. Accident Assessment Ringdown (monitor only)
- b. Commercial Telephone System
- c. Dose Assessment Ringdown System (DARD)
- d. FP Microwave System
- e. Local Government Radio (LGR)
- f. Telecopy (FAX)
- g. State Hot Ringdown System (SHRD)
- h. State Emergency Satellite Communications System (ESATCOM)
- i. TSC/EOF Ringdown

5.3.1.2 The FTS-2001 communications system is available to NRC representatives located in the EOF, and includes:

- a. Emergency Notification System (ENS)
- b. Health Physics Network (HPN)
- c. Reactor Safety Counterpart Link (RSCL)
- d. Protective Measures Counterpart Link (PMCL)
- e. Management Counterpart Link (MCL)
- f. Local Area Network (LAN)
- g. Commercial Telephone System

5.3.2 Radiological Monitoring Equipment

If radiological monitoring instrumentation and support is needed, the Corporate Health Physicist will request RMT support through the TSC Dose Assessment Coordinator. The Corporate Health Physicist will also request an area TLD.

5.3.3 Information Displays

The Data Display System (Spectrum System) displays plant and other technical data for the EOF Staff. Displays include, but are NOT limited to, the following:

- a. Plant Status
- b. Plant System Schematics
- c. Dose Assessment Model
- d. REDAS
- e. SPDS

5.3.4 Documents

The following documents are maintained in the EOF:

- a. CR-3 Drawings
- b. CR-3 FSAR
- c. CR-3 POM
- d. CR-3 Technical Specifications
- e. RERP

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- f. Emergency Preparedness Procedures (REPs)
- g. Radioactive Effluent Release Report (annual)
- h. FP Radiation Exposure Histories (maintained on computer database)
- i. EM-225E Support Documents (two volumes)
- j. Area Maps
- k. CR-3 Severe Accident Guideline

5.3.5 Other Facilities

Kitchen facilities are available at the EOF for the storage, preparation, and distribution of food for the EOF Staff.

Men and women restrooms including showers are available.

5.4 RECORDS AND NOTIFICATION**5.4.1 Communications Precautions and Protocol****5.4.1.1 Internal Communications:**

All internal telephone communications should be as brief as practical so telephones and switchboards are not tied up.

5.4.1.2 External Communications:

Off-site contacts and support organizations are listed in the Off-Site Support List available in the Emergency Position Manuals or on the CR-3 EP homepage on the intranet.

5.4.1.3 Communications for public information purposes is the responsibility of the Communications Director or designee, and all media questions are to be referred to this contact. Release of information from this contact through public meetings, press conferences, and press release or telephone communication takes place in conjunction with the NRC, State of Florida, or local governments, as appropriate. NO statement to the public or media personnel regarding the emergency is made by an employee without prior clearance from the Communications Director.

5.4.2 Emergency Logs

Personnel involved in emergency and recovery phase operations must summarize significant actions taken and the results of these actions, in their respective emergency logs. Communications of significant importance to the emergency must be documented in detail, which could include contact with Federal, State, and local government officials/agencies, and industry contacts.

These logs must be of sufficient detail to explain actions associated with emergency and recovery activities. Results of these actions are documented in sufficient detail to facilitate critique and event reconstruction following event termination. Logs are submitted, with the communications logs, to respective directors upon request or upon event termination. Individual directors may provide additional guidance on specific reporting requirements, content, and level of detail, and utilize such input for written or verbal status reporting to Senior Management. Attachment 1 provides a sample emergency logsheet.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**5.4.3 TSC Log**

The telecopied version of the TSC Log sent to the EOF is the primary version that is copied and distributed. The version accessed by computer is distributed only if the telecopy machines fail. The telecopied version from the TSC has been reviewed/approved for accuracy.

5.4.4 Accountability Log

An accountability/FFD log is maintained for personnel to sign when entering and leaving the EOF. Attachment 2 provides a sample logsheet for non-FP personnel and Attachment 3 provides a sample logsheet for FP personnel.

5.4.5 Dose Assessment

Records of off-site dose rates, integrated dose estimates, and PARs are maintained per guidance outlined in EM-204B.

5.5 INSTRUCTIONS**5.5.1 Organizational Staffing****5.51.1 FP Personnel:**

The following emergency positions must be filled to declare the EOF operational and are required within 60 minutes of the SITE AREA EMERGENCY or GENERAL EMERGENCY declaration:

- a. EOF Director
- b. Assistant EOF Director
- c. EOF Technical Support Coordinator
- d. Corporate Health Physicist

NOTE: The Corporate Health Physicist and Dose Assessment Team should staff at an ALERT.

The following additional emergency positions must be filled, but are NOT required to declare the EOF operational:

- a. Administrative Manager
- b. Communications Director
- c. Security Coordinator
- d. EOF Technical Support Engineer
- e. EOF Technical Support Operations Representative
- f. EOF Communicator
- g. EOF Dose Assessment Team Members (3)
- h. EOF Facility Manager
- i. FP Field Team Liaison
- j. EOF NRC Liaison
- k. EOF Setup/Status Board Support Personnel
- l. EOF State and Local Government Liaison
- m. EOF Technical Support Director
- n. Materials Manager
- o. State and County EOC Communicator

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**5.5.1.2 FP Support Functions Available (Off-Site Support Telephone Directory):**

- a. Claims
- b. Computer Services Support (Nuclear Information Technology Services Unit)
- c. Human Resources
- d. Finance/Accounting
- e. Supplemental Labor Resources
- f. Legal
- g. Risk Management
- h. Telecommunications (Energy Delivery)
- i. Transportation

5.5.1.3 Federal Agencies and Industry Support Teams:

Representatives from the following Federal agencies and industry support teams may also be located at the EOF:

- a. Nuclear Regulatory Commission (NRC)
- b. Federal Emergency Management Agency (FEMA)
- c. Institute of Nuclear Power Operations (INPO)
- d. Framatome Technologies (formerly Babcock & Wilcox)
- e. Parsons Power (formerly Gilbert Associates, Inc.)

5.5.1.4 State and Local Agencies:

Representatives from the State of Florida DEM and DOH, Levy County, and Citrus County may be present in the EOF.

5.5.1.5 Organizational Structure:

The organizational structure of the EOF Staff is presented in Figure 1. Organizational positions are defined in Attachment 4.

Other individuals may be requested to provide support and/or assistance to the EOF Staff.

5.5.2 Functioning of the EOF**5.5.2.1 Activation:**

The EOF Director shall activate the EOF each time a SITE AREA EMERGENCY or GENERAL EMERGENCY classification is declared.

The Corporate Health Physicist and EOF Dose Assessment Team should activate at an ALERT classification. The EOF Director may use discretion concerning the remainder of EOF setup and activation due to the declaration of an ALERT.

5.5.2.2 Notification:

Notification of the EOF Staff will normally be accomplished via telephone calls and pagers using the Emergency Response Personnel Roster. Nuclear Security will notify at least one EOF staff member for each minimum position.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**5.5.2.3 Facility Preparation:**

The EOF will be set-up per instructions provided in REP-03A.

5.5.2.4 General Requirements for Operation:

The EOF must be declared operational within 60 minutes of the declaration of a SITE AREA EMERGENCY or GENERAL EMERGENCY. The minimum requirements listed in Attachment 5 must be met before declaring the EOF operational. The EOF can be declared operational even though conditions may exist that delay the transfer of State of Florida notifications and PARs from the TSC. Additional requirements for a fully functioning status are listed below:

- a. Establish physical and administrative access control. The EOF Accountability Representatives ensure all responders are signed-in and have an appropriate identification badge.
- b. The EOF Auto Phone Attendant turned off to ensure incoming calls are NOT routed to voice mail.
- c. Post Security officers at the locations described in the "EOF Security Instructions" book located with the EOF accountability supplies. Guidelines for each security post location are also included in these instructions.
- d. The EOF Communicator or designee, establishes communications with the TSC for the purpose of transmitting and receiving plant data and status information. Arrangements must be in place to assure timely, accurate relay of information to the EOF Staff.
- e. Dose assessment data available. The EOF Dose Assessment Team must obtain dose assessment data from the TSC Dose Assessment Team or by use of the EOF dose assessment equipment. Operation of the EOF does NOT require the EOF dose assessment equipment/computers to be operable, but does require the ability to obtain current dose assessment information.
- f. Arrangements in place to assure timely, accurate maintenance of the status boards (either electronic or manual) in the Main Conference Room and Dose Assessment Room.

5.5.2.5 Emergency Phase Operations:

- a. The EOF Director or designee, conducts an initial briefing that includes a description of the emergency in progress, a summary of known facts, and a preliminary determination of the support required from the EOF. The emergency classification status (including changes) should be announced over the public address system.
- b. The EOF Director must communicate with the Emergency Coordinator to coordinate the transfer of responsibility to notify the State and local authorities, and to make PARs (Attachment 11). This transfer is NOT required to declare the EOF operational. The Emergency Coordinator to EOF Director Turnover/Briefing Worksheet (Attachment 10) provides turnover guidance.
- c. Once the EOF Director has communicated to the Emergency Coordinator that the EOF has accepted responsibility for State notification and PARs, the EOF Director must assure all items are completed on the "Florida Nuclear Plant Emergency Notification Form" (Attachment 8). Refer to Attachment 9, "Guidance for Completing the Florida Nuclear Plant

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

Emergency Notification Form." The use of the Florida Nuclear Plant Emergency Notification Form is required for the following circumstances:

1. Initial notification that an emergency condition exists.
2. Any escalation in emergency classification.
3. The termination of an emergency condition.
4. Any change in PARs.

Any other updated information that does NOT meet the above criteria does NOT require the use of the Florida Nuclear Plant Emergency Notification Form. Verbal updates that are logged are acceptable.

- d. Following initial assessments, arrangements must be made to notify off-site technical organizations, if appropriate. A directory of these organizations is provided in the Off-Site Support Phone Directory.
- e. Off-site dose estimates must be calculated (by either the TSC or EOF Dose Assessment Team), and PARs made, if appropriate. Calculations will be evaluated by the EOF Dose Assessment member(s) under the guidance of the Corporate Health Physicist.
- f. Availability of supplies and services during both emergency and recovery phases.
- g. Frequent status reports provided to the EOF Staff.
- h. Arrangements made with the TSC to provide personnel for radiological monitoring and instrumentation, if needed.
- i. Information briefings to the press must be provided in the ENC. Details concerning operation of the ENC are contained in REP-08.
- j. If the event warrants, the FP State EOC Representative and the FP Citrus and Levy County EOC Representatives should be sent to the off-site EOCs (Tallahassee, Citrus County, and Levy County) to provide technical expertise and assistance.
- k. As representatives of Federal/State/local agencies and industry support teams arrive at the EOF, the EOF Director or designee should brief them on the status of the emergency. Information contained in this briefing should include the following, as appropriate, for the support being provided:
 - The scenario of the emergency.
 - Summary of latest briefing given by the EOF Director.
 - Summary of latest protective actions recommended, if needed.
 - Summary of latest media briefing/news release.
 - Introduction to Florida Power counterpart.
 - Point out data displays and other status board information.
 - Show them their work location(s).
 - Discuss general layout of the EOF.
- l. Coordination with the Nuclear Information Technology Services Unit must be accomplished to ensure required computer functions can be met if the event warrants evacuation of the Crystal River Energy Complex.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- m. In the event that an emergency requires long-term support, the EOF Director initiates personnel shift changes according to the following.

- ASSESS need for continued long-term support
- IDENTIFY the emergency positions necessary for maintaining adequate response
- ESTABLISH time for alternates to be at facility
- REQUEST the individuals currently filling the position to contact their alternate

Individuals currently filling the position are responsible to:

- CONTACT alternate for relief
- PROVIDE the name of the alternate to the EC or EOF Director
- BRIEF the on-coming alternate thoroughly of actions taken and in-progress, summarizing the scenario and how their position is affected.

5.5.2.6 Emergency Phase Termination/De-Escalation:

- a. If terminating, entering recovery phase, or de-escalating the event, then coordinate the decision with the Deputy State Coordinating Officer, the NRC, and the Emergency Coordinator before completing the Florida Nuclear Plant Emergency Notification Form. Consider the following when making this determination:
- Is a release continuing?
 - Are plant conditions stable and expected to remain stable?
 - Is the full emergency response organization needed to support safe and stable operation or mitigation activities?
 - Do radiological and other plant conditions permit resumption of normal personnel exposure limits to continue mitigation repair activities?
 - Do radiological and other plant conditions permit resumption of normal access to plant and surrounding areas?
- b. Consider Senior Officer input before terminating the event.
- c. When it has been determined (as identified in Section 17.2 per the criteria of the RERP) that NO further emergency situation exists, emergency phase actions will be terminated by the EOF Director. A transition of activities to the recovery phase will then begin.

5.5.2.7 Recovery Phase Operations:

- a. The EOF Director must determine the appropriate level of staffing in the EOF during recovery operations [refer to 5.5.2.5 (m)].
- b. Recovery operations must, insofar as possible, use standing procedures with which emergency teams and plant personnel are familiar and for which they have received appropriate training. Personnel exposure to radiation will be limited by use of existing procedures for radiation protection. Normal occupational radiological dose limits will apply.
- c. Recovery planning will encompass both short-term and long-term requirements, and should address (but is NOT limited to) the following:
- The degree of system or equipment damage.
 - Items to be repaired or replaced.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- Re-Entry and Repair Operations
- Procurement Efforts
- Licensing Implications
- Analysis for licensing or safety assessments.
- Decontamination and Cleanup
- Radwaste Processing
- Measures for minimizing potential further releases.
- Isolation of systems and equipment.
- Personnel Access Control
- Need for specific procedures.
- Test Programs
- Special Training Requirements
- Off-Site Organization Support
- Organization and Personnel Assignments
- Whole Body Counting of FP Emergency Workers

Attachment 6 is an example of a "generic" short-term recovery plan that may be used as the basis for more specific planning.

- d. An assessment of off-site emergency response capability should be evaluated in preparation of a FEMA disaster-initiated review. These reviews are normally associated with weather-related events assess the off-site radiological emergency preparedness capabilities of the jurisdictions located in the 10 mile EPZ. The assessment focuses on overall off-site communications, siren operability, sheltering, notifications, monitoring, and decontamination. The Emergency Preparedness Unit is the primary contact for this review.
- e. The completed recovery plan and implementing procedures must be approved by the EOF Director, and shall be submitted to the PNSC for approval before implementation.

5.5.2.8**Recovery Completion and Final Investigations:**

- a. Upon completion of recovery activities, the EOF Director must direct a final investigation of both the emergency and recovery actions to assure all issues have been appropriately considered, and to assure all data has been addressed. The results of this final investigation should be presented to the PNSC. The results must also be provided to the NRC as justification to return to full power operation.
- b. Upon completion of the final investigation and acceptance by management and regulatory authorities, the EOF Director may deactivate the emergency organizations and the unit may be returned to service under the direction and control of the normal Corporate and CR-3 organizations.
- c. Any necessary improvements identified by the final investigation will be factored into the Radiological Emergency Response Program.

5.5.3**Support Services**

The following services are available during both emergency and recovery phase operations.

5.5.3.1**Food, Housing, and Clothing:**

Food, housing, and clothing may be provided to EOF personnel and emergency assistance teams, if required, during the emergency. The Administrative Manager, assisted by the EOF Facility Manager, will arrange as needed.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**5.5.3.2 Equipment Repair and Maintenance:**

A listing of major contractors, and active contract numbers, which can be contacted for equipment repair and maintenance is provided by the Materials Manager.

5.5.3.3 Personnel:

If required, additional office and technical personnel may be provided through Supplemental Labor Resources (the Off-Site Support Phone Directory). Personnel requirements may be met with existing Company personnel and/or outside applicants.

5.5.3.4 Communications:

The FP Emergency Facility Telephone Book is maintained at EOF position workspaces. Additional communications services (e.g., telephones, etc.), equipment repair, and maintenance will be coordinated by the EOF Facility Manager and provided through the Telecommunications Department.

5.5.3.5 Working Space:

Additional working space for the EOF Staff, emergency assistance teams, and the press will be provided through the EOF Facility Manager, as directed by the EOF Director.

5.5.3.6 Transportation:

Transportation for personnel and equipment to support emergency operations and vehicle maintenance/service will be provided by the Transportation Department (the Off-Site Support Phone Directory).

5.5.3.7 Office Supplies:

Basic office supplies are stored in the EOF supply cabinets. These items will be issued and maintained by the Administrative Manager.

5.5.3.8 Building Janitorial Services:

Janitorial services for the EOF may be provided, if required, by an outside contractor. The EOF Facility Manager is responsible for coordinating janitorial services.

5.5.3.9 Access Control and Building Security:

General building security is provided through Corporate Security or Nuclear Security. Access is restricted to Florida Power employees and representatives of Federal, State, county, or industry support organizations. Each individual must provide proof of organizational affiliation before admission. Any individual who does NOT meet this criterion must receive approval from the EOF Director, Assistant EOF Director, or an Emergency Preparedness Unit member before admission is allowed.

5.5.3.10 EOF Emergency Diesel Generator:

The emergency diesel generator control panel is located on the east wall in the HVAC Equipment Room at the EOF. If there is a power failure and the diesel does NOT pick up the load, there is a "gold" panel in the HVAC Equipment Room with a selector switch on it, and a similar switch on the

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

diesel located outside the HVAC Equipment Room, that should be verified to be in the "AUTO" position before determining that the diesel has failed to pick up the load.

5.5.4 Deactivation

Upon notification from the EOF Director, the EOF Facility Manager is responsible for assuring that the EOF and ENC are disassembled, and that the building is secured.

5.5.5 Liaison Support**5.5.5.1 Mobile Emergency Radiological Laboratory (MERL):**

The State Mobile Emergency Radiological Laboratory and accompanying field/emergency response teams may locate in the Crystal River area. Electrical and telephone service for the MERL has been pre-arranged at the EOF (southeast corner in fenced/gated area) and at the Levy County Sheriff's Substation (north of Inglis). Assistance with food, housing, and clothing may be coordinated through the DOH Representative at the EOF.

5.5.5.2 State and Risk County Representatives:

Space and communications services are provided in the EOF for State of Florida, Levy County, and Citrus County representatives. The State and Local Government Liaison provides the liaison contact between the State and County Representatives and the FP Staff.

5.5.5.3 Federal Agencies:

Space and communications services are provided in the EOF for NRC and FEMA representatives. Additional space may be provided for other Federal support groups, if required. Electrical and telephone service is available for the NRC Mobile Laboratory behind the EOF (southeast corner in fenced/gated area).

5.5.5.4 Industry Support Groups:

Space and communications services may be provided in the EOF for industry support groups if their services are required during an emergency.

5.5.5.5 INPO Emergency Resource Manual:

The INPO Emergency Resource Manual, which is available on the INPO web page, provides a summary description of each United States nuclear plant, principal contacts, technical expertise, and specialized equipment that utilities and suppliers could provide in response to requests for emergency assistance. INPO contacts provide assistance in identifying and mobilizing the resources needed for the nuclear industry in the event of an emergency.

5.5.6 Evacuation

It is unlikely that evacuation of the EOF would be required during a radiological emergency because of its location (outside the 10 mile EPZ). If necessary, however, the EOF Director may evacuate based on recommendations from the Corporate Health Physicist.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

If a decision is made to evacuate, the EOF Director should choose an alternate location and direct the transfer of functions and responsibilities. Consideration should be given to what key positions and functions need to be staffed. Alternative locations to consider:

- a. **Inverness Operations Center:** Located on Highway 44 across from Ford dealership. Communications capability is limited to commercial and microwave telephones.
- b. **Simulator Building (if necessary during severe weather):** Communications capability is limited to commercial and microwave telephones, ENS, State Hot Ringdown, PAX, and plant radios.

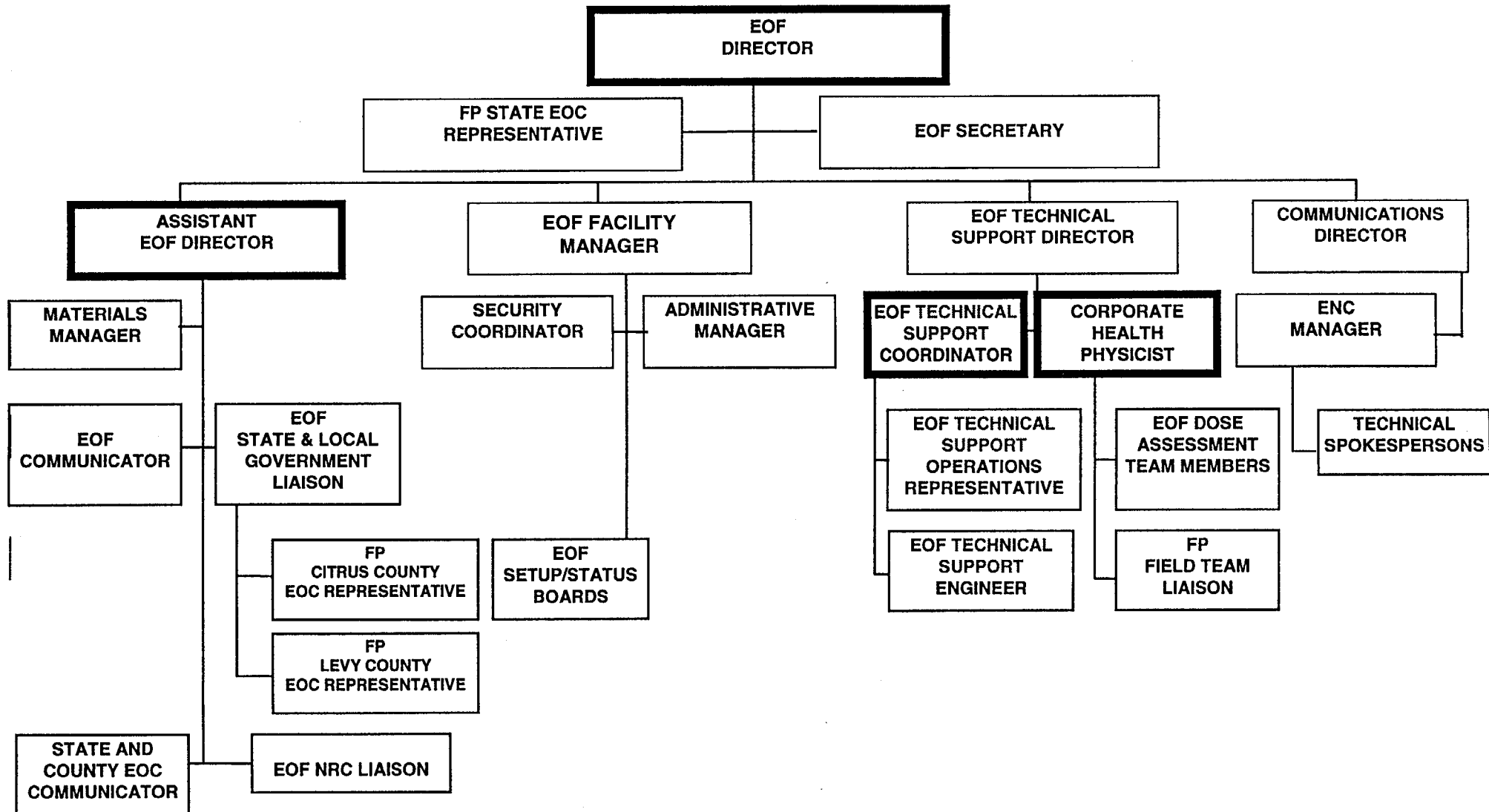
6.0 INTERPRETATION CONTACT

Supervisor, Emergency Preparedness

7.0 REVISION HISTORY

Rev. 0	Date: <u>12/01/82</u>	Original Issue
Rev. 1	Date: <u>02/17/83</u>	5.2.2
Rev. 2	Date: <u>09/30/83</u>	General Reorganization
Rev. 3	Date: <u>02/29/84</u>	Completeness
Rev. 4	Date: <u>01/03/85</u>	Completeness
Rev. 5	Date: <u>08/30/85</u>	Completeness
Rev. 6	Date: <u>06/15/87</u>	Addition of information previously contained in REP-01 and REP-05.
Rev. 7	Date: <u>11/30/87</u>	Corporate Command Center (CCC) Reorganization
Rev. 8	Date: <u>05/19/89</u>	General revision with update of floor plans/set-up procedures.
Rev. 9	Date: <u>12/22/89</u>	General Revision/Fitness-for-Duty
Rev. 10	Date: <u>01/25/91</u>	General Revision
Rev. 11	Date: <u>05/23/91</u>	General Revision
Rev. 12	Date: <u>10/30/91</u>	General Revision
Rev. 13	Date: <u>05/22/92</u>	General Revision
Rev. 14	Date: <u>07/28/92</u>	CCC Deletion
Rev. 15	Date: <u>01/29/93</u>	General Revision
Rev. 16	Date: <u>12/10/93</u>	General Revision
Rev. 17	Date: <u>03/31/94</u>	EPA-400/General
Rev. 18	Date: <u>07/01/94</u>	State Form/General
Rev. 19	Date: <u>12/15/94</u>	General Revision
Rev. 20	Date: <u>02/16/96</u>	General Revision
Rev. 21	Date: <u>10/07/96</u>	Revision of floor plans and inclusion of Accident Assessment Team.
Rev. 22	Date: <u>03/31/97</u>	General revision to include 1996 Annual RERP Exercise ARCA's.
Rev. 23	Date: <u>11/03/97</u>	General revision to include new position, EOF Technical Support Director.
Rev. 24	Date: <u>05/18/98</u>	Setup portion of procedure removed and established in a separate procedure for same, REP-03A. Added checklists for each EOF emergency position.
Rev. 25	Date: <u>10/08/98</u>	General Revision
Rev. 26	Date: <u>01/26/99</u>	General Revision
Rev. 27	Date: <u>05/28/99</u>	General Revision
Rev. 28	Date: <u>05/30/00</u>	Revision included adding Table of Contents and new State Notification Form and PAR's.
Rev. 29	Date: <u>10/11/00</u>	General Revision
Rev. 30	Date: <u>03/19/01</u>	Revision to remove EOF Facility Manager as required to declare EOF operational.
Rev. 31	Date: <u>09/07/01</u>	Rename EOF Accident Assessment Team to Technical Support Team including team positions. Change Corporate Security Specialist to Security Coordinator. Other minor changes to clarify expectations.

**- FIGURE 1 -
EOF ORGANIZATION**



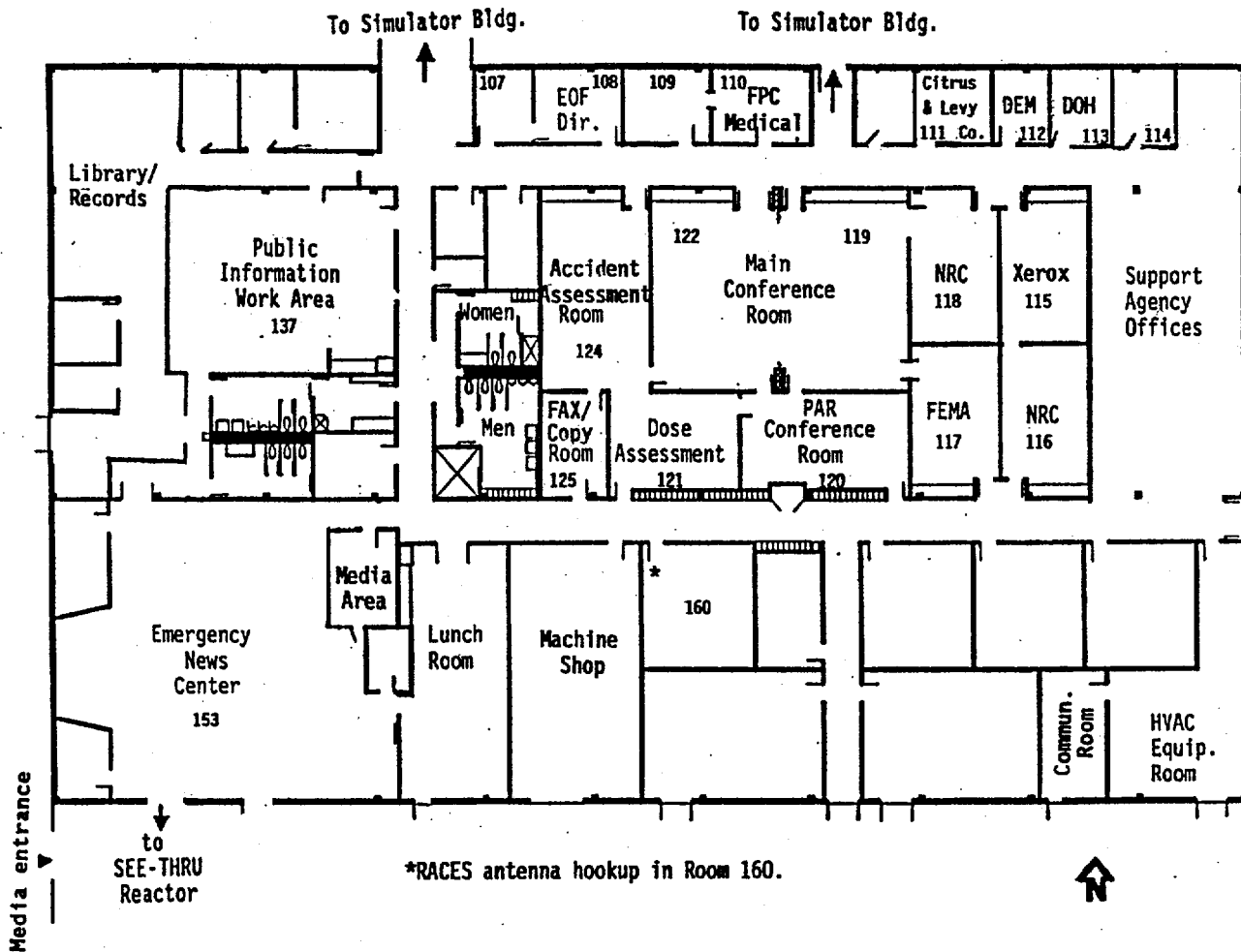
NOTE: The boxes with dark borders indicate minimum positions required to declare the EOF "operational."

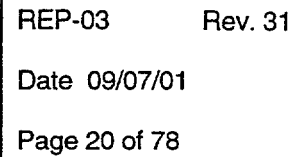
OPERATION OF THE EMERGENCY OPERATIONS FACILITY

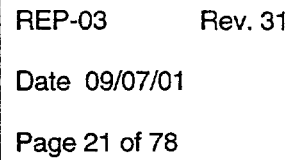
- FIGURE 2 -

EOF BUILDING ARRANGEMENT

SAMPLE



[illegible]



NOTE: Access restricted to FP employees and representatives of Federal, State, county, or industry support organizations. Each individual must provide proof of organizational affiliation before admission. Any individual who does NOT meet this criterion must receive approval from the EOF Director, Assistant EOF Director, or an Emergency Preparedness Unit member before admission is allowed.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 22 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- ATTACHMENT 3 -

DATE: _____

EOF ACCOUNTABILITY/FITNESS-FOR-DUTY (FFD) LOG FOR FLORIDA POWER PERSONNEL

PRINTED NAME	EMERGENCY TITLE	BADGE NUMBER	TIME IN	TIME OUT	FFD *		SIGNATURE	AUTHORIZATION**
					YES	NO		

* Each ERO member must complete Part 1 of Attachment 1, Unscheduled Work Call Outs of SEC-NGGC-2141. An ERO member is considered "fit-for-duty" if they have **NOT** consumed any alcohol during the pre-duty 5 hour abstinence period. If "YES" (Part A, Item 1 of Attachment 1), access may be granted. If "NO" (Part A, Items 2 or 3 of Attachment 1), the EOF Accountability Representative or Security Officer should notify the Security Coordinator and instruct the individual to report to the area designated by the Security Coordinator and stand by for further instructions.

** The EOF Director may authorize an individual who has **NOT** met the 5 hour abstinence period requirement to staff an emergency position provided a determination of fitness-for-duty is made by signing Part C of Attachment 1 of SEC-NGGC-2141. This may be accomplished by breath analysis or by an interview performed by the Security Coordinator. If the individual is fit-for-duty, **NO** further authorization is required.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- ATTACHMENT 4 -

EOF EMERGENCY POSITION DESCRIPTIONS

<u>Position Title</u>	<u>Page No.</u>
Administrative Manager	42
Assistant EOF Director	30
Corporate Health Physicist	37
EOF Communicator	51
EOF Director	25
EOF Dose Assessment Team Member	40
EOF Facility Manager	32
EOF NRC Liaison	61
EOF Setup/Status Boards	49
EOF State and Local Government Liaison	55
EOF Technical Support Coordinator	46
EOF Technical Support Director	35
EOF Technical Support Engineer	48
EOF Technical Support Operations Representative ...	47
FP Citrus County EOC Representative	59
FP Field Team Liaison	53
FP Levy County EOC Representative	59
FP State EOC Representative	57
Materials Manager	44
Security Coordinator	63
State and County EOC Communicator	65
Vice President, Crystal River Nuclear Plant	24



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 24 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: Vice President, Crystal River Nuclear Plant

(ATTACHMENT 4)

REPORTING STATUS: At the discretion of the Vice President, Crystal River Nuclear Plant.

FUNCTION: To represent Senior Management whenever emergency mitigation or recovery plans require broad-based decisions that will impact Corporate resources.

RESPONSIBILITIES:

- a. NOTIFIES the Senior Vice President and Chief Nuclear Officer, Nuclear Generation, whenever an ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY is declared.
- b. ASSURES Senior Management is kept apprised of the plant emergency status.
- c. ACTS as spokesperson to media when appropriate.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**EMERGENCY TITLE:** EOF Director**(ATTACHMENT 4)****REPORTING STATUS:** Required within 60 minutes for EOF activation.

FUNCTION:

- To assume responsibility for control and mitigation of the emergency.
- To exercise authority-of-position to acquire and use Corporate resources for control and mitigation of the emergency, and for recovery phase operations.

RESPONSIBILITIES:**Emergency Phase**

- a. Notifies Nuclear Security to activate EOF pagers at SITE AREA EMERGENCY or GENERAL EMERGENCY declaration, or when EOF is to be activated.
- b. Notifies the following positions that the EOF has been activated:
 - EOF Facility Manager
 - EOF Technical Support Director
 - Assistant EOF Director
 - Communications Director
- c. Notifies the Vice President, Crystal River Nuclear Plant that an ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY has been declared and provides updates, as needed.
- d. Coordinates and supports the following EOF positions:
 - EOF Facility Manager
 - EOF Technical Support Director
 - Assistant EOF Director
 - Communications Director
 - FP State EOC Representative
- e. Communicates with the Emergency Coordinator to determine the plant status and level of emergency support required from the EOF Staff.
- f. Directs briefings for EOF personnel concerning the nature of the emergency and required EOF support.
- g. Directs and controls all emergency phase activities.
- h. Manages the EOF organization to produce assessments and recommendations for accident mitigation; to support the plant emergency organization; to provide effective liaison with Federal, State, local, and industry response teams; and to support information dissemination.
- i. Communicates recommended corrective and/or protective actions to the State, county, NRC, and Emergency Coordinator.
- j. Acts as FP liaison for coordination of emergency assistance teams from the NRC, FEMA, INPO, or other off-site organizations located at the EOF or plant site.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- k. Ensures that frequent status reports are provided to the EOF Staff. **(ATTACHMENT 4)**
- l. Ensures representatives of Federal/State/local agencies and industry support teams are provided briefings on emergency status upon arrival at the EOF.
- m. Determines the need to use an alternate location for the EOF and implements the move, if needed.
- n. Ensures the Florida Nuclear Plant Emergency Notification Form is completed after the EOF is declared operational.
- o. Dispatches the FP State EOC Representative to Tallahassee, Florida, if event warrants.
- p. Coordinates the termination of emergency phase operations with the Deputy State Coordinating Officer, and notification to the NRC, SWPT, the Emergency Coordinator, the CR-3 emergency organization, and other organizations providing on-site support to initiate recovery activities.

Recovery Phase

- a. Develops and/or reviews recovery plan using members of the Plant Staff, EOF Staff, and outside assistance, as required.
- b. Determines staffing levels required to implement the recovery plan.
- c. Ensures notification to the organizations that are providing off-site support when the emergency has been terminated and recovery has begun.
- d. Provides direction and control of recovery plan implementation.
- e. Provides status reports to the Vice President, Crystal River Nuclear Plant.
- f. Directs recovery completion and final investigations per Section 5.5.2.8 of this procedure.
- g. Coordinates formal deactivation of the EOF once recovery is completed, or the normal organization has assumed responsibility for completing recovery and returning the unit to service.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 27 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF DIRECTOR CHECKLIST

(ATTACHMENT 4)

Check

Emergency Phase

- ___ 1. Determine emergency status and EOF staffing level.
- ___ 2. Notify Nuclear Security to activate EOF pagers.
- ___ 3. Perform telephone notifications (referring to the Off-Site Support Phone Directory):
These notifications may be delegated.
 - ___ EOF Facility Manager
 - ___ EOF Technical Support Director
 - ___ Assistant EOF Director
 - ___ Communications Director
 - ___ Director, Site Operations
 - ___ Vice President, Crystal River Nuclear Plant
- ___ 4. Ensure minimum staffing and equipment are available (Attachment 5).
- ___ 5. Complete turnover from Emergency Coordinator (Attachment 10).
- ___ 6. Ensure EOF Staff is aware when EOF is declared operational (public address announcement completed).
- ___ 7. Provide EOF Staff an initial briefing of emergency status, to include:
 - Description of emergency in progress/emergency classification
 - Summary of known facts
 - Support required from EOF

NOTE: Direct notifications should NOT be turned over to the DEM Deputy State Coordinating Officer or designee until they have established local control and state they are ready to receive the notifications.
- ___ 8. Confirm with Assistant EOF Director that Florida Nuclear Plant Emergency Notification Form has been completed and State Warning Point has been notified via State Hot Ringdown (until DEM arrives at EOF and can be provided direct notifications), when applicable.
- ___ 9. Ensure the following organizations are notified of protective action recommendations (see Attachment 11 for PAR guidelines):
 - ___ DEM
 - ___ Citrus County
 - ___ Levy County

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 28 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF DIRECTOR CHECKLIST (Continued)

(ATTACHMENT 4)

Check

Emergency Phase (Continued)

- _____ 10. Ensure personnel from the following organizations are briefed [cover information outlined in Section 5.5.2.5(k)] upon arrival at the EOF:
- _____ DEM
 - _____ DOH
 - _____ Citrus County
 - _____ Levy County
 - _____ NRC
 - _____ FEMA
- _____ 11. Provide periodic status reports (briefing updates) to EOF Staff.
- _____ 12. Evaluate long-term EOF staffing needs and arrange for shift changes, if necessary.
- _____ 13. Dispatch FP State EOC Representative to Tallahassee, if needed.
- _____ 14. Update Vice President, Crystal River Nuclear Plant, if conditions warrant.
- _____ 15. Evaluate need for EOF relocation, if conditions warrant (5.5.6).
- _____ 16. Draft recovery plan [Section 5.5.2.7(c) and Attachment 6].
- _____ 17. Consider FP Senior Officer input before terminating event.
- _____ 18. Evaluate termination of emergency phase. IF terminating, entering recovery phase, or de-escalating the event, THEN coordinate the decision with the Deputy State Coordinating Officer, the NRC, and the Emergency Coordinator before completing the Florida Nuclear Plant Emergency Notification Form. Consider the following when making this determination:
- Is a release continuing?
 - Are plant conditions stable and expected to remain stable?
 - Is the full emergency response organization needed to support safe and stable operation or mitigation activities?
 - Do radiological and other plant conditions permit resumption of normal personnel exposure limits to continue mitigation repair activities?
 - Do radiological and other plant conditions permit resumption of normal access to plant and surrounding areas?



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 29 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF DIRECTOR CHECKLIST (Continued)

(ATTACHMENT 4)

Check

Recovery Phase

- _____ 1. Complete recovery plan.
- _____ 2. Determine staffing levels.
- _____ 3. Notify all off-site organizations that have been supplying support that the emergency has been terminated and recovery has begun.
- _____ 4. Ensure assessment of off-site emergency response capabilities are evaluated in preparation for a FEMA-initiated review [5.5.2.7(d)].
- _____ 5. Ensure recovery plan/implementing procedures are approved by EOF Director.
- _____ 6. Ensure recovery plan/implementing procedures are approved by PNSC.

Check

Recovery Completion and Final Investigations

- _____ 1. Ensure final investigation has been completed.
- _____ 2. Provide status to Vice President, Crystal River Nuclear Plant.
- _____ 3. Ensure final investigation results have been approved by PNSC.
- _____ 4. Ensure final investigation results have been approved by the NRC.
- _____ 5. Deactivate emergency organizations when appropriate.
- _____ 6. Provide improvements identified by final investigation to the Emergency Preparedness Unit for factoring into Radiological Emergency Response Program.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 30 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: Assistant EOF Director

(ATTACHMENT 4)

REPORTING STATUS: Required within 60 minutes for EOF activation.

FUNCTION: To assist the EOF Director in management of the EOF.

RESPONSIBILITIES:

- a. Notifies the following positions that the EOF has been activated:
 - Administrative Manager
 - EOF State and Local Government Liaison
 - FP State EOC Representative
 - State and County EOC Communicator
- b. Coordinates and supports the following positions:
 - EOF Communicator
 - EOF State and Local Government Liaison
 - EOF NRC Liaison
 - Materials Manager - State and County EOC Communicator
- c. Notifies INPO whenever an ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY is declared.
- d. Provides technical consultation and general assistance to the EOF Director.
- e. Assists the EOF Director in assuring the Florida Nuclear Plant Emergency Notification Form is completed after the EOF has accepted this responsibility from the Emergency Coordinator and ensures notifications are completed.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 31 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

ASSISTANT EOF DIRECTOR CHECKLIST

(ATTACHMENT 4)

Check

- _____ 1. Perform telephone notifications (referring to the Emergency Response Personnel Roster and Phone Directory): These notifications may be delegated.

_____ Administrative Manager
_____ EOF State and Local Government Liaison
_____ FP State EOC Representative
_____ State and County EOC Communicator

- _____ 2. Check in with EOF Director upon arrival and ensure name is posted on staffing board.

- _____ 3. Call INPO (referring to the Off-Site Support Phone Directory).

- _____ 4. Ensure work area is set up and functional.

- _____ 5. Obtain status of last State notification.

NOTE: The State and County EOC Communicator is available to make notifications on the State Hot Ringdown, when needed.

NOTE: The EOF Director should initial all Florida Nuclear Plant Emergency Notification Form, but this can be temporarily delegated if the EOF Director is NOT available. The designee must ensure the EOF Director is updated upon return.

- _____ 6. Ensure Florida Nuclear Plant Emergency Notification Form is completed and State Warning Point is notified from EOF via State Hot Ringdown, until DEM arrives [Section 5.5.2.5(c)].

NOTE: Direct notifications should NOT be turned over to the DEM Deputy State Coordinating Officer or designee until they have established local control and state they are ready to receive the notifications.

- _____ 7. Provide State notifications per direction of EOF Director to DEM directly (in person upon arrival). This will also include ensuring the Deputy State Coordinating Officer's, or designee's, name is on the Florida Nuclear Plant Emergency Notification Form to document receipt of message after the Deputy State Coordinating Officer has accepted direct communication for the State notifications and PARs.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 32 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Facility Manager

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To assure that the EOF is set up and to coordinate facility/equipment repairs as needed.

RESPONSIBILITIES:

- a. Notifies the following positions that the EOF has been activated:
 - EOF Communicator
 - EOF Setup/Status Boards (all)
- b. Coordinates and supports the following positions:
 - Administrative Manager
 - Security Coordinator
 - EOF Setup/Status Boards
- c. Directs the physical setup of the EOF based on priorities established in REP-03A, upon notification that the facility will be activated.
- d. Directs the EOF set-up personnel to perform status board activities once the EOF is operational.
- e. Ensures provision of facility support, coordinates facility/equipment repairs, and arranges janitorial services, as needed. This includes ensuring Telecommunications and computer support personnel are contacted, as needed.
- f. Ensures public address system volumes throughout the EOF and the Public Information Work Area are set at a proper volume.
- g. Ensures all equipment set up (e.g., computers, FAX machines, copiers, telephones, microphones, video cameras, etc.) is functionally tested.
- h. Ensures all EOF clocks are synchronized with the TSC and Control Room.
- i. Ensures the EOF Auto Phone Attendant (voice mail) is deactivated.
- j. Ensures all equipment and work areas are disassembled and secured upon termination of an emergency or recovery.
- k. Assists the Administrative Manager with food, housing, and clothing arrangements, as needed.
- l. Ensures restroom facilities for media representatives are provided.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF FACILITY MANAGER CHECKLIST

(ATTACHMENT 4)

Check

1. Perform telephone notifications (referring to the Emergency Response Personnel Roster and Phone Directory):

___ EOF Communicator
___ FP Setup/Status Boards

NOTE: The EOF Security Card Reader System is activated from 1800 to 0600 hours.

2. Ensure the EOF Security Card Reader System is deactivated, if needed. The key-lock to deactivate the system is located on the west wall by the Document Control hallway entrance.
3. Check in with EOF Director upon arrival and ensure name is posted on staffing board.
4. Ensure EOF/ENC setup follows priorities in REP-03A, Section 5.3.1.1.
5. Ensure EOF setup is complete per REP-03A.
6. Ensure individuals are assigned as Status Board Coordinator (to update status information on the laptop computer and operate the Spectrum Data Display System) and as assistant (to gather information).
7. Ensure public address speaker volumes are turned off in the ENC (Room 153). Refer to REP-03A, Attachment 1 (ENC Layout), Instructions 6 and 7.
8. Ensure the EOF/ENC signs (EOF = 1, ENC = 2) are hung on the existing posts by the front sidewalk. The signs are stored in Room 153 in the EP Storage Room.
9. Ensure all equipment is functionally tested:
- ___ Telephones
___ Computers
___ FAX Machines
___ Copy Machines
___ Microphones
___ ENC Video System/TVs
___ Clocks synchronized (with TSC and Control Room)
10. Contact Telecommunications for support (refer to Off-Site Support Phone Directory).

**EMERGENCY PREPAREDNESS
UNIT PROCEDURE**

REP-03 Rev. 31

Date 09/07/01

Page 34 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**EOF FACILITY MANAGER CHECKLIST
(Continued)****(ATTACHMENT 4)****Check**

- _____ 11. Ensure EOF Auto Phone Attendant (voice mail) is turned off. (Refer to REP-03A, Attachment 3.)
- _____ 12. Contact Nuclear Information Technology for support (Refer to Off-Site Support Phone Directory).
- _____ 13. Establish restroom facilities for media [REP-03A, Section 5.3.1.1(l)].
- _____ 14. Ensure emergency diesel generator is available (Section 5.5.3.10).
- _____ 15. Arrange for additional work space, if needed.
- _____ 16. Arrange for janitorial services, if needed.

Deactivation

- _____ 17. Ensure EOF Auto Phone Attendant is turned back on upon deactivation of EOF. (Refer to REP-03A, Attachment 3.)
- _____ 18. Ensure EOF is restored and secured upon deactivation.
- _____ 19. Ensure the EOF Security Card Reader System is activated.
- _____ 20. Ensure the EOF/ENC signs are removed from the outside posts and returned to the EP Storage Room.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 35 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Technical Support Director

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To provide direction and control to EOF functions associated with accident mitigation and assessment.

RESPONSIBILITIES:

- a. Notifies the following positions that the EOF has been activated and provides coordination and support:
 - Corporate Health Physicist
 - EOF Technical Support Coordinator
- b. Provides assistance to the EOF Director in developing PARs based on plant conditions and radiological conditions.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 36 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF TECHNICAL SUPPORT DIRECTOR CHECKLIST

(ATTACHMENT 4)

Check

- ☐ 1. Perform telephone notifications (referring to the Emergency Response Personnel Roster and Phone Directory):
 - ☐ Corporate Health Physicist
 - ☐ EOF Technical Support Coordinator
- ☐ 2. Check in with EOF Director upon arrival and ensure name is posted on staffing board.
- ☐ 3. Ensure work area is set up and functional.
- ☐ 4. Ensure equipment listed in EOF Checklist (Attachment 5) is available and operational.
- ☐ 5. Provide EOF Director with status of EOF Dose Assessment Team and EOF Technical Support Team (manned and ready to assume responsibilities).
- ☐ 6. Obtain plant status and any PARs based on plant conditions from the EOF Technical Support Coordinator.
- ☐ 7. Obtain dose assessment status and any PARs based on off-site dose projections from the Corporate Health Physicist.
- ☐ 8. Provide EOF Director assessment of plant conditions/radiological conditions and assist with PAR determinations.
- ☐ 9. Provide PAR to Assistant EOF Director for Item 12 on the Florida Nuclear Plant Emergency Notification Form.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 37 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: Corporate Health Physicist

(ATTACHMENT 4)

REPORTING STATUS: Staff at ALERT, but required within 60 minutes of SITE AREA EMERGENCY for EOF activation.

FUNCTION:

- To evaluate dose assessment results and provide PARs to the EOF Technical Support Director and/or EOF Director.
- To represent FP in matters pertaining to the potential off-site effects of a radiological accident.

RESPONSIBILITIES:

- a. Notifies the following positions at an ALERT to staff the EOF and provides coordination and support:
 - EOF Dose Assessment Team Members (3)
 - FP Field Team Liaison
- b. Assigns Dose Assessment Team members as EOF Team Leader, RADDPOSE Computer Operator, and REDAS Terminal Operator.
- c. Provides guidance to EOF Dose Assessment personnel performing dose calculations.
- d. Interfaces with the Technical Support Team to assure that EOF and DOH Dose Assessment personnel are provided information necessary for generating off-site dose projections.
- e. Ensures the results of FP and DOH dose assessment and field monitoring activities are compared.
- f. Provides off-site dose projection summaries to the EOF Technical Support Director.
- g. Provides PARs (on the basis of dose assessment projections) to the EOF Technical Support Director.
- h. Provides information to complete Items 9 thru 11 of the Florida Nuclear Plant Emergency Notification Form and radiological dose assessment data on the Supplemental Data Sheet.
- i. Provides information (for FP briefings, ENC briefings, etc.) concerning the radiological condition within the Crystal River Energy Complex.
- j. Directs activities of the FP Field Team Liaison.
- k. Designates a Dose Assessment Team member to assist or perform the duties of the FP Field Team Liaison if necessary.
- l. Ensures the EOF Director is informed when the EOF Dose Assessment Team assumes responsibility for dose projections.
- m. Ensures radiological monitoring is set up at the EOF, if needed.
- n. Provides comparison of RADDPOSE IV and DOH dose projection models with FP and DOH field survey results. (Refer to EM-219)

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 38 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

CORPORATE HEALTH PHYSICIST CHECKLIST

(ATTACHMENT 4)

Check

1. Perform telephone notifications (referring to the Emergency Response Personnel Roster and Phone Directory):
 - ___ EOF Dose Assessment Team Members (3 notified)
 - ___ FP Field Team Liaison
2. Check in with EOF Director upon arrival and ensure name is posted on staffing board.
3. Ensure work area is set up and functional.
4. Assign Dose Assessment Team members:
 - ___ EOF Team Leader
 - ___ RADDose Computer Operator
 - ___ REDAS Terminal Operator
5. Brief Dose Assessment Team members.
6. Inform EOF Technical Support Director when EOF Dose Assessment Team assumes responsibility for dose projections. (Provide update directly to EOF Director if EOF Technical Support Director has not arrived.)
7. Ensure Release Significance Category (on window and electronic status board) is correct and updated.
8. Provide PARs to EOF Technical Support Director.
9. Brief FP Field Team Liaison upon arrival.
10. Brief DOH Dose Assessment personnel upon arrival.
11. Ensure FP and DOH dose projection results are compared.
12. Ensure FP and DOH field monitoring results are compared.
13. Ensure FP and DOH field survey results are compared to RADDose IV and DOH dose projections results.
14. Provide EOF Technical Support Director with status report.
15. Complete Items 9 thru 11 on Florida Nuclear Plant Emergency Notification Form (Attachment 8), when needed.
16. Obtain weather forecast, if needed.

**EMERGENCY PREPAREDNESS
UNIT PROCEDURE**

REP-03

Rev. 31

Date 09/07/01

Page 39 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**CORPORATE HEALTH PHYSICIST CHECKLIST**
(Continued)**(ATTACHMENT 4)****Check**

NOTE: ENC Technical Spokespersons should be available to attend ENC briefings in your behalf.

- _____ 16. Participate in ENC briefings, if time permits, and provide information concerning the radiological condition within the Crystal River Energy Complex.
- _____ 17. Ensure current Release Significance Category information is provided to the Status Board Coordinator in the Main Conference Room.

NOTE: EOF radiological monitoring is NOT normally required unless the EOF is affected by plume travel. If EOF monitoring is expected to be needed, contact the Dose Assessment Coordinator in the TSC for Health Physics support and monitoring equipment (e.g., area TLD, frisker, ion chamber, and air sampler).

- | _____ 18. Ensure radiological monitoring and area TLD is set up at EOF, if needed.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**EMERGENCY TITLE:** EOF Dose Assessment Team Member (3)**(ATTACHMENT 4)****REPORTING STATUS:** Required; will normally staff at an ALERT.**FUNCTION:** To generate off-site dose projections and provide the Corporate Health Physicist with this information.**RESPONSIBILITIES:****EOF Dose Assessment Team Leader**

- a. Ensures equipment is operational and the Dose Assessment Room is prepared for use.
- b. Communicates with the TSC Dose Assessment Team Leader to determine the parameters/source term to use for dose assessment.
- c. Requests/reviews dose projection printouts from TSC.
- d. Coordinates EOF Dose Assessment Team activities and ensures the Corporate Health Physicist and TSC Dose Assessment Team Leader are aware when the EOF Dose Assessment Team has taken responsibility for dose projections.
- e. Compares dose projection results with the TSC, State, and NRC results.
- f. Interfaces with the FP Field Team Liaison to coordinate FP and State Field Team monitoring locations, and for comparison of field data.
- g. Provides dose projection and field monitoring results to the Corporate Health Physicist and ensures Dose Assessment Status Board is updated.

RADDOSE Computer Operator

- a. Assists in the setup of the Dose Assessment Work Area.
- b. Operates the dose assessment (RADDOSE) computer to generate off-site dose projections.
- c. Provides dose projection results to the EOF Dose Assessment Team Leader.

REDAS Terminal Operator

- a. Assists in the setup of the Dose Assessment Work Area.
- b. Generates meteorological and radiation monitoring data, and provides it to the RADDOSE Computer Operator.
- c. Compares data with that provided in the TSC/OSC and the Control Room.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 41 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF DOSE ASSESSMENT TEAM LEADER CHECKLIST

(ATTACHMENT 4)

Check

- _____ 1. Ensure work area is set up and functional.
- _____ 2. Establish communications with TSC Dose Assessment Team.
- _____ 3. Review TSC dose projections.
- _____ 4. Notify Corporate Health Physicist and TSC Dose Assessment Team Leader that EOF Dose Assessment Team has taken responsibility for dose projections.
- _____ 5. Compare dose projection results with TSC, DOH, and NRC results.
- _____ 6. Establish interface with FP Field Team Liaison.
- _____ 7. Ensure dose assessment status board is updated, as needed.
- _____ 8. Provide Corporate Health Physicist with dose projection and field monitoring results.

RADDOSE COMPUTER OPERATOR CHECKLIST

- _____ 1. Ensure work area is set up and functional.
- _____ 2. Ensure RADDOSE computer is operational.
- _____ 3. Provide dose projections to EOF Dose Assessment Team Leader.

REDAS TERMINAL OPERATOR CHECKLIST

- _____ 1. Ensure work area is set up and functional.
- _____ 2. Ensure REDAS computer is operational.
- _____ 3. Provide meteorological/radiation monitoring data to RADDOSE Computer Operator.
- _____ 4. Compare data with TSC and Control Room data.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 42 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: Administrative Manager

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To direct the Administrative Staff in support of EOF activities.

RESPONSIBILITIES:

- a. Notifies the following positions that the EOF has been activated:
 - Security Coordinator
 - Materials Manager
- b. Ensures the support positions listed in the EOF Administrative Manager's Emergency Instructions are filled with available personnel.
- c. Coordinates and supports the EOF Accountability.
- d. Notifies, coordinates, and supports the following FP support functions (the Off-Site Support Phone Directory):
 - Claims
 - Human Resources (FP Employee Information)
 - Finance/Accounting
 - Supplemental Labor Resources
 - Legal
 - Risk Management
 - Transportation
- e. Ensures emergency food, clothing, and housing are provided to EOF personnel and emergency assistance teams as directed by the EOF Director.
- f. Arranges supplemental working space for EOF personnel and emergency assistance teams, if required, through coordination with the EOF Facility Manager.
- g. Contacts Nuclear Security in the TSC and finds out if an injured employee's family has been notified of his/her medical status, when applicable. Provides this information to the EOF Director.
- h. Assists in the setup of the Administrative Manager Work Area.

**EMERGENCY PREPAREDNESS
UNIT PROCEDURE**

REP-03


Rev. 31

Date 09/07/01

Page 43 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**ADMINISTRATIVE MANAGER CHECKLIST****(ATTACHMENT 4)****Check**

- _____ 1. Perform telephone notifications (referring to the Emergency Response Personnel Roster and Phone Directory):
- _____ _____ Security Coordinator
_____ _____ Materials Manager
- _____ 2. Ensure available personnel are called to fill the positions listed in the EOF Administrative Manager's Emergency Instructions.
- _____ 3. Ensure work area is set up and functional.
- _____ 4. Notify the following support functions (the Off-Site Support Phone Directory):
- _____ _____ Claims
_____ _____ Human Resources (FP Employee Information)
_____ _____ Finance/Accounting
_____ _____ Supplemental Labor Resources
_____ _____ Legal
_____ _____ Risk Management
_____ _____ Transportation
- _____ 5. Ensure administrative support is available, as follows:
- _____ _____ Accountability
_____ _____ EOF Secretary
_____ _____ Document Control / Duplicating
_____ _____ Telecopy (FAX)
_____ _____ Dose Assessment
_____ _____ Food / Beverages
_____ _____ Switchboard
_____ _____ Other Support as needed
- _____ 6. Ensure office supplies are available as needed.
- _____ 7. Ensure supplemental working space is arranged, if needed. (Coordinate with EOF Facility Manager.)
- _____ 8. Contact the Nuclear Security representative in the TSC to verify if injured employee's family has been notified, if applicable.
- _____ 9. Provide EOF Director with injured employee's status, if applicable.

 Florida Power A Progress Energy Company	EMERGENCY PREPAREDNESS UNIT PROCEDURE	REP-03 Rev. 31 Date 09/07/01 Page 44 of 78
OPERATION OF THE EMERGENCY OPERATIONS FACILITY		

EMERGENCY TITLE: Materials Manager

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To provide near-site management of the purchase, receipt, and control of the equipment, services, materials, and supplies needed for emergency and recovery efforts.

NOTE: The Materials Manager fulfills his emergency function from the EOF. He should use members of his normal organization, as necessary, to accomplish his responsibilities. His staff will operate from the normal on-site offices and adjoining storeroom facilities. If this is not permitted by the emergency situation, an Alternate Emergency Storeroom located in Wildwood, Florida will be used.

RESPONSIBILITIES:

- a. Arranges supplemental manpower, facilities, and supplies (from contractors) for site purchasing tasks and management of purchasing for plant requirements throughout the emergency.
- b. Arranges provision for security of equipment, supplies, and facilities through coordination with the Security Coordinator.
- c. Ensures maintenance of records on the issue of equipment and supplies or contracted services.
- d. Supervises efforts to meet extraordinary requirements for stock (inventory) or materials, and manages the prompt replenishment of stock throughout the emergency.
- e. Ensures procurement of facilities and equipment to handle receipt, storage, and issue of extraordinary quantities of material that may be required throughout the emergency.
- f. Ensures provision of receipt inspections of safety-related materials and resolution of Quality problems with assistance from Engineering and Material Acquisition.
- g. Assists in the setup of the Materials Manager Work Area.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 45 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

MATERIALS MANAGER CHECKLIST

(ATTACHMENT 4)

Check

- _____ 1. Ensure area is set up and functional.
- _____ 2. Establish contact with the Procurement representative in the OSC.
- _____ 3. Contact off-site vendors, as needed (e.g., hydrogen recombiner).
- | _____ 4. Contact Security Coordinator for security of equipment, supplies, and facilities, as needed.
- _____ 5. Ensure alternate emergency storeroom in Wildwood, Florida is prepared, if conditions warrant.
- _____ 6. Coordinate procurement of material needed for recovery as outlined in the recovery plan (per direction from EOF Director).



Florida Power
A Progress Energy Company

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 46 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Technical Support Coordinator

(ATTACHMENT 4)

REPORTING STATUS: Required within 60 minutes for EOF activation.

FUNCTION: To coordinate EOF Technical Support activities and to provide support primarily to the EOF Technical Support Director in the area of plant conditions as they relate to PARs.

RESPONSIBILITIES:

- a. Keeps the EOF Technical Support Director informed of Technical Support Team activities and developments in plant status, especially those that may impact EALs and PARs.
- b. Notifies the following positions that the EOF has been activated and provides coordination and support:
 - EOF Technical Support Operations Representative
 - EOF Technical Support Engineer
- c. Ensures communication is established with the TSC on the TSC/EOF Ringdown until dedicated Communicator arrives.
- d. Assists in the setup of the EOF Technical Support Work Area.
- e. Performs "plant conditions" portion of the EOF briefings using the briefing guidelines provided in REP-12.
- f. Monitors the Accident Assessment Ringdown (communication between the Control Room and TSC Accident Assessment Team).
- g. Provides support to the TSC Accident Assessment Team in determining the causes and consequences of the emergency.
- h. Ensures interface is established with the EOF Dose Assessment Team using REP-12 as guidance.
- i. Refers to REP-12 enclosures for additional accident assessment guidance and information.
- j. Notifies Simulator personnel for support, when necessary (e.g., for testing mitigation strategies).
- k. Monitors Critical Safety Functions and provides status to EOF Technical Support Director and EOF personnel during briefings, as needed.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 47 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Technical Support Operations Representative

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: - To provide operational support to the EOF Technical Support Team.

- To operate SPDS located in the EOF.

RESPONSIBILITIES:

- a. Verifies that the SPDS computer is properly set up and operational.
- b. Operates the SPDS computer.
- c. Monitors plant parameters and provides status updates to the EOF Technical Support Coordinator.
- d. Monitors communications between the Control Room and the TSC Accident Assessment Team via speaker in the EOF Technical Support Room.
- e. Assists in the setup of the EOF Technical Support Work Area.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 48 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Technical Support Engineer

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To provide Engineering support to the EOF Technical Support Team.

RESPONSIBILITIES:

- a. Assesses plant conditions and provides Engineering support for developing accident mitigation strategies as needed.
- b. Provides Engineering support to the TSC Accident Assessment Team.
- c. Notifies additional Engineering resources when necessary.
- d. Assists in the setup of the EOF Technical Support Team Work Area.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 49 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Setup/Status Boards**(ATTACHMENT 4)****REPORTING STATUS:** Required

FUNCTION: - To accomplish physical setup of the EOF.
- To update EOF status boards as required.

RESPONSIBILITIES:

- a. Performs physical setup of the EOF based on priorities and instructions provided in REP-03A.
- b. Performs functional test of all equipment set up (e.g., computers, FAX machines, copiers, telephones, microphones, video cameras, etc.).
- c. Updates the plant status information on the laptop computer and operates the Spectrum Data Display System in the EOF Main Conference Room (performed by individual assigned as Status Board Coordinator).
- d. Updates EOF Main Conference Room Status Boards manually if electronic system is NOT available.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 50 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF SETUP/STATUS BOARDS CHECKLIST

(ATTACHMENT 4)

Check

- ____ 1. Ensure setup instructions are available (REP-03A).
- ____ 2. Establish room set-up priorities (REP-03A, Section 5.3.1.1).
- ____ 3. Ensure all equipment is functionally tested:
 - ____ Telephones
 - ____ Computers
 - ____ FAX Machines
 - ____ Copy Machines
 - ____ Microphones
 - ____ ENC Video System/TVs
- ____ 4. Confirm EOF setup is complete.
- ____ 5. Confirm ENC setup is complete (including Room 137).
- ____ 6. Ensure an individual is assigned as Status Board Coordinator (assigned to Room 122 data display updates).
- ____ 7. Ensure an individual is assigned to gather data and support the Status Board Coordinator.
- ____ 8. Ensure electronic data displays are functional (Spectrum System).
- ____ 9. If Spectrum Data Display System is NOT functional, arrange to manually update boards.
- ____ 10. Ensure laptop computer is functional, including print capability and access to Network.
- ____ 11. Ensure computer disk is available to save data, as needed.
- ____ 12. Access the Emergency Status Display file (in PowerPoint) stored on the laptop computer's "C" drive and display on one of the Spectrum Data Display screens.
- ____ 13. Obtain the required information to update the Emergency Status Display from the following contacts:

- EMERGENCY CLASSIFICATION:	Assistant EOF Director
- CRITICAL SAFETY FUNCTIONS:	EOF Technical Support Director
- RELEASE SIGNIFICANCE CATEGORY:	Corporate Health Physicist
- METEOROLOGICAL CONDITIONS:	Corporate Health Physicist
- PLANT CONDITIONS/INJURIES:	EOF Communicator



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 51 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF Communicator

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION:

- To perform communication duties between the EOF and TSC.
- To assist with EOF setup, as time permits.

RESPONSIBILITIES:

- a. Assists with physical setup of the EOF, as time permits.
- b. Performs functional test of equipment set up in the EOF Communicator's area (telephones, computer, etc.).
- c. Performs assigned EOF Communicator duties, to include:
 1. Establishes communications with TSC via TSC/EOF Ringdown or alternate. The types of information communicated should include, but NOT be limited to, the following:
 - Overall plant status (major equipment out-of-service, repair activities).
 - Protective actions status (Protected Area evacuation status, Units 1/2 and Units 4/5 operating/evacuation status, and Energy Complex evacuation status).
 - Injured personnel status.
 2. Maintain log of information communicated (as listed in Item 1).
 3. Ensures information received from the TSC is communicated to the EOF Technical Support Coordinator, EOF Technical Support Team member, or appropriate EOF Staff member on a timely basis.
 4. Accesses the TSC Computer Log on the Network for current TSC and plant status.
 5. Completes Items 4 thru 8 on the Florida Nuclear Plant Emergency Notification Form, when requested.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 52 of 78


OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF COMMUNICATOR CHECKLIST

(ATTACHMENT 4)

Check

- ____ 1. Ensure work area is set up and functional.
 - ____ 2. Complete functional test of TSC/EOF Ringdown System.
- NOTE: This position should NOT request Engineering information from the TSC Communicator. This information should come directly from the TSC Accident Assessment Team.
- ____ 3. Establish communication with TSC on TSC/EOF Ringdown. If communication link is already established by Technical Support Team personnel, then receive turnover and assume communication role.
 - ____ 4. Maintain log of information received and transmitted.
 - ____ 5. Complete functional test of computer used to access TSC Computer Log.
 - ____ 6. TSC Computer Log accessed and available. (Refer to Attachment 7.)
 - ____ 7. Provide EOF Technical Support Coordinator or Technical Support Team member with initial plant status report.
 - ____ 8. Ensure information received from TSC includes, but is NOT limited to, the following:
 - ____ Equipment Out-of-Service
 - ____ Repair Activities
 - ____ Protected Area Status (personnel assembled or evacuated?)
 - ____ Units 1/2 and Units 4/5 Status (personnel assembled or evacuated?)
 - ____ Protective Action Recommendations
 - ____ Injured Personnel Status
 - ____ 9. Provide EOF Technical Support Coordinator or Technical Support Team member with information from TSC on timely basis.
 - ____ 10. Complete Items 4 thru 8 on the Florida Nuclear Plant Emergency Notification Form when requested by the Assistant EOF Director.

 Florida Power A Progress Energy Company	EMERGENCY PREPAREDNESS UNIT PROCEDURE	REP-03 Rev. 31 Date 09/07/01 Page 53 of 78
OPERATION OF THE EMERGENCY OPERATIONS FACILITY		

EMERGENCY TITLE: FP Field Team Liaison

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: - To provide communication/coordination with the FP Off-Site Radiological Monitoring Team(s)
- To provide radiological monitoring at the EOF, if the situation warrants.

RESPONSIBILITIES:

- a. Communicates/coordinates with the FP Off-Site Radiation Monitoring Team(s) either directly or through the TSC Environmental Survey Team Dispatcher.
- b. Establishes contact with the DOH Field Team Coordinator, upon arrival.
- c. Compares FP Environmental Survey Team data with DOH Field Team data.
- d. Verifies that the Corporate Health Physicist has requested Health Physics support and radiological monitoring equipment from the TSC, if conditions warrant or are expected.
- e. Assists with monitoring of radiological conditions in the EOF, if needed. This will be directed by the Corporate Health Physicist.
- f. Updates the Dose Assessment Status Board as needed.

**EMERGENCY PREPAREDNESS
UNIT PROCEDURE**

REP-03

Rev. 31

Date 09/07/01

Page 54 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**FP FIELD TEAM LIAISON CHECKLIST****(ATTACHMENT 4)****Check**

- _____ 1. Notify Corporate Health Physicist of arrival.
- _____ 2. Establish contact with FP Off-Site Radiation Monitoring Team or TSC Environmental Survey Team Dispatcher.
- _____ 3. Reference EM-204B for Off-Site Radiation Monitoring Team coordination and control.
- _____ 4. Reference EM-219 for dose calculations to convert iodine concentration to Thyroid Dose (CDE).
- _____ 5. Update dose assessment status board, as needed.
- _____ 6. Establish contact with DOH Field Team Coordinator, upon team's arrival.
- _____ 7. Compare FP Environmental Survey Team data with DOH Field Team data.
- _____ 8. Verify that TSC Health Physics support and radiological monitoring equipment have been requested by the Corporate Health Physicist, if conditions warrant or are expected.
- _____ 9. Assist with EOF monitoring as directed by Corporate Health Physicist.

**EMERGENCY PREPAREDNESS
UNIT PROCEDURE**

REP-03

Rev. 31

Date 09/07/01

Page 55 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**EMERGENCY TITLE:** EOF State and Local Government Liaison**(ATTACHMENT 4)****REPORTING STATUS:** Required

FUNCTION: To provide the State and local government representatives in the EOF a means of communicating with the FP emergency organization concerning coordination between FP and their emergency assistance teams.

RESPONSIBILITIES:

- a. Notifies the following positions that the EOF has been activated:
 - EOF NRC Liaison
 - FP Citrus County EOC Representative
 - FP Levy County EOC Representative
- b. Coordinates and supports the following positions:
 - FP Citrus County EOC Representative
 - FP Levy County EOC Representative
- c. Acts as liaison between FP and the assistance teams from State and county emergency organizations that come to the EOF.
- d. Dispatches the FP Citrus County EOC and FP Levy County EOC Representatives, if event warrants.
- e. Communicates to the EOF Director concerning liaison status, including a report of any problems encountered and recommendations for resolution.
- f. Assists in the setup of the State and Local Government Liaison Work Area.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 56 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF STATE AND LOCAL GOVERNMENT LIAISON CHECKLIST (ATTACHMENT 4)

Check

- ☐ 1. Perform telephone notifications (referring to the Off-Site Support Phone Directory):
 - ☐ EOF NRC Liaison
 - ☐ FP Citrus County EOC Representative
 - ☐ FP Levy County EOC Representative
- ☐ 2. Ensure work area is set up and functional.
- ☐ 3. Establish contact with the following agencies upon EOF arrival:
 - ☐ DEM
 - ☐ Citrus County
 - ☐ Levy County
 - ☐ DOH
- ☐ 4. Dispatch FP Citrus County EOC Representative, if event warrants.
- ☐ 5. Dispatch FP Levy County EOC Representative, if event warrants.
- ☐ 6. Assist the State and County EOC Communicator in gathering information, as needed, for the FP representatives at the Citrus, Levy, and State EOCs.
- ☐ 7. Provide periodic updates to EOF Director on liaison status with County and State agencies.
- ☐ 8. Verify on a periodic basis that PARs on the EOF Status Board are correct.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 57 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: FP State EOC Representative

(ATTACHMENT 4)

REPORTING STATUS: When requested by the EOF Director.

FUNCTION: - To represent FP in the State EOC in Tallahassee, Florida.

- To provide the expertise to interpret technically-oriented plant data and emergency information.

RESPONSIBILITIES:

- a. Stands by for dispatch to the State EOC by the EOF Director, upon notification that an ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY classification has been declared.
- b. Performs interpretation and explanation of plant-related data that is transmitted to the State EOC through established emergency communication channels, upon arrival at the State EOC. The focus should be on Critical Safety Functions and release significance.
- c. Establishes contact with the State and County EOC Communicator.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 58 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

FP STATE EOC REPRESENTATIVE CHECKLIST

(ATTACHMENT 4)

Check

- _____ 1. Stand by for dispatch to State EOC by EOF Director, upon notification of emergency classification.
- _____ 2. Check in with Deputy State Coordinating Officer at State EOC, upon arrival.
- _____ 3. Establish communication with EOF (State and County EOC Communicator) by dialing into the Conference Line (352/563-4544) or dialing phone in EOF (352/795-1354).
- _____ 4. Verify data transmitted to State EOC from EOF and/or TSC.
- _____ 5. Provide briefings/explanation of plant-related data with focus on Critical Safety Functions and release significance.

- CRITICAL SAFETY FUNCTIONS:

 - Reactor shut down? Yes ☐ No ☐

 - Core adequately cooled? Yes ☐ No ☐

- FISSION PRODUCT BARRIERS ASSESSMENT:

Fuel clad	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
RCS	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
Containment	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained

- EMERGENCY ELECTRICAL POWER STATUS:

 Off-site power available? Yes ☐ No ☐

 ES buses energized? Yes ☐ No ☐

 Emergency Diesel Generators available? Yes ☐ No ☐

 DC power available? Yes ☐ No ☐

- CONTROL COMPLEX STATUS:

 Ventilation/cooling available? Yes ☐ No ☐

 Necessary instrumentation available?* Yes ☐ No ☐

- OTHER CONDITIONS/CHALLENGES

* Necessary refers to specific instruments and annunciators that are needed to identify, diagnose, and track the problems that are causing the emergency.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 59 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: FP Citrus County EOC Representative
FP Levy County EOC Representative

(ATTACHMENT 4)

REPORTING STATUS: When requested by the EOF State and Local Government Liaison.

FUNCTION:

- To represent FP in the Citrus County EOC in Lecanto, Florida or the Levy County EOC in Bronson, Florida.
- To provide the expertise to interpret technically-oriented plant data and emergency information.

RESPONSIBILITIES:

- a. Stands by for dispatch to the Citrus or Levy County EOC by the EOF State and Local Government Liaison, upon notification that an ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY classification has been declared.
- b. Performs interpretation and explanation of plant-related data that is transmitted to the EOC through established emergency communication channels, upon reporting to the Citrus or Levy County EOC. The focus should be on Critical Safety Functions and release significance.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

FP CITRUS/LEVY COUNTY EOC REPRESENTATIVE CHECKLIST (ATTACHMENT 4)

Check

- _____ 1. Stand by for dispatch to Citrus or Levy County EOC by EOF State and Local Government Liaison, upon notification of emergency classification.
- _____ 2. Check in with Citrus or Levy County EOC Manager, upon arrival.
- _____ 3. Establish communication with EOF (State and County EOC Communicator) by dialing into the Conference Line (352/563-4544) or dialing phone in EOF (352/795-1354).
- _____ 4. Verify data transmitted to EOC from EOF and/or TSC.
- _____ 5. Provide briefings/explanation of plant-related data with focus on Critical Safety Functions and release significance.

- CRITICAL SAFETY FUNCTIONS:

- Reactor shut down? Yes ☐ No ☐

- Core adequately cooled? Yes ☐ No ☐

- FISSION PRODUCT BARRIERS ASSESSMENT:

Fuel clad	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
RCS	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
Containment	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained

- EMERGENCY ELECTRICAL POWER STATUS:

Off-site power available?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
ES buses energized?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Emergency Diesel Generators available?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
DC power available?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

- CONTROL COMPLEX STATUS:

Ventilation/cooling available?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Necessary instrumentation available?*	Yes <input type="checkbox"/>	No <input type="checkbox"/>

- OTHER CONDITIONS/CHALLENGES

* Necessary refers to specific instruments and annunciators that are needed to identify, diagnose, and track the problems that are causing the emergency.

- _____ 6. Monitor communications and PARs, and periodically call the State and County EOC Communicator to confirm information received at the EOC.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 61 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: EOF NRC Liaison

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION: To provide the NRC representatives in the EOF a means of communicating with the FP emergency organization concerning coordination between FP and their emergency response teams.

RESPONSIBILITIES:

- a. Functions as a liaison between the NRC Response Team and the EOF Director.
- b. Communicates with the EOF Director concerning liaison status, including reports of any problems encountered and recommendations for resolution.
- c. Ensures the NRC Response Team receives a briefing upon arrival as outlined in Section 5.5.2.5(k).
- d. Assists in the setup of the NRC work areas.



Florida Power
A Progress Energy Company

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 62 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EOF NRC LIAISON CHECKLIST

(ATTACHMENT 4)

Check

- _____ 1. Ensure NRC work areas are set up and functional.
- _____ 2. Establish contact with EOF Director or Assistant EOF Director.
- _____ 3. Establish contact with NRC Response Team upon arrival.
- _____ 4. Ensure the EOF Director provides a briefing to the NRC Response Team [per Section 5.5.2.5(k)].
- _____ 5. Provide periodic updates to the EOF Director on liaison status with the NRC Response Team.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 63 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: Security Coordinator**(ATTACHMENT 4)****REPORTING STATUS:** The Security Coordinator notifies the EOF Director once he has assumed his emergency role, but is NOT required to respond to the EOF. He must maintain the mobility necessary to fulfill his responsibilities for the Energy Complex and EOF.**FUNCTION:** - To control and direct the activities required to maintain physical security of FP personnel and property.

- To implement the evacuation of personnel from the Energy Complex.

RESPONSIBILITIES:

- Coordinates with the Emergency Coordinator, EOF Director, and Units 1/2 & 4/5 Senior Management to determine the security arrangements required for the Energy Complex.
- Directs the Security Force in the implementation of emergency security procedures, including evacuation of personnel, traffic and personnel movement, and access control at the Energy Complex.
- Coordinates control of access to the EOF and ENC. This includes completing Attachment 1, Unscheduled Work Call Outs of SEC-NGGC-2141, Part B and performing breath analysis testing when required.
- Coordinates with the security contractor for the procurement of additional security personnel, if needed.
- Coordinates with Federal, State, and local law enforcement agencies and Corporate departments for the security of personnel and materials in transit to and from FP property.
- Coordinates with FP, the NRC, Federal, State, and local law enforcement agencies, and emergency management personnel in order to provide the security necessary to assure the ability to respond and react to an emergency without interference.
- Coordinates with the Materials Manager to provide security for materials and equipment.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01

Page 64 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

SECURITY COORDINATOR CHECKLIST

(ATTACHMENT 4)

Check

- ☐ 1. Establish contact with EOF Director.
- ☐ 2. Establish contact with the following, as needed:
 - ☐ CR-3 Nuclear Security
 - ☐ Units 1/2 Senior Management
 - ☐ Units 4/5 Senior Management
 - ☐ Crystal River Coal Plant Site Support Manager
- ☐ 3. Assign Security Officers to EOF and ENC.

NOTE: Security Officer post locations and guidelines for each location are available in the "EOF Security Instructions" book located with the EOF accountability supplies.
Non-security personnel can be assigned to the post locations, as needed.
- ☐ 4. Contact Security contractor for additional personnel, as needed.
- ☐ 5. Coordinate, as needed, with Materials Manager to provide security for materials and equipment.
- ☐ 6. Coordinate, as needed, with off-site agencies for security of personnel/materials in transit.
- ☐ 7. Complete Part B of Attachment 1, Unscheduled Work Call Outs of SEC-NGGC-2141 as necessary.
- ☐ 8. Perform breath analysis testing for responding FP personnel when required.



EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03

Rev. 31

Date 09/07/01

Page 65 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

EMERGENCY TITLE: State and County EOC Communicator

(ATTACHMENT 4)

REPORTING STATUS: Required

FUNCTION:

- To provide a point of contact for the FP representatives at the Citrus, Levy, and State EOCs.
- To provide support to the Assistant EOF Director, EOF Facility Manager, and ENC.

RESPONSIBILITIES:

- a. Acts as liaison for the FP Citrus County EOC Representative, FP Levy County EOC Representative, and the FP State EOC Representative, providing current information as needed.
- b. Acts as interim EOF Facility Manager until a designated EOF Facility Manager arrives.
- c. Acts as Communicator on the State Hot Ringdown, when needed.
- d. Assists in the setup of the assigned EOF work area.

EMERGENCY PREPAREDNESS UNIT PROCEDURE

REP-03 Rev. 31

Date 09/07/01


Page 66 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

STATE AND COUNTY EOC COMMUNICATOR CHECKLIST (ATTACHMENT 4)

Check

- _____ 1. Ensure work area is set up and functional.
- _____ 2. Check in with the Assistant EOF Director and EOF State and Local Government Liaison upon arrival.
- _____ 3. Establish contact with FP representatives at the EOCs. Call into the Conference Line (352/563-4544) and each EOC representative will call into the Conference Line upon arrival at their respective EOC.
- _____ Citrus County (352/527-2407)*
- _____ Levy County (352/486-5428)*
- _____ Tallahassee (850/921-0165)*
- * These numbers are provided if needed to call each representative directly.
- _____ 4. Provide plant status and other current information, as requested, to the FP representatives at the County and State EOCs.
- _____ 5. If the EOF Facility Manager has NOT arrived, ensure EOF/ENC is set-up per priorities provided in REP-03A, Section 5.3.1.1.
- _____ 6. Perform communication duties on the State Hot Ringdown, as directed by the Assistant EOF Director, which will involve reading the completed Florida Nuclear Plant Emergency Notification Form (until the State DEM personnel arrive).

 Florida Power A Progress Energy Company	EMERGENCY PREPAREDNESS UNIT PROCEDURE	REP-03 Rev. 31 Date 09/07/01 Page 67 of 78
OPERATION OF THE EMERGENCY OPERATIONS FACILITY		

- ATTACHMENT 5 -

EOF CHECKLIST

The EOF must be declared operational within 60 minutes of the declaration of a SITE AREA EMERGENCY or GENERAL EMERGENCY. Minimum requirements to declare the EOF operational are:

Staff

- ☐ EOF Director
- ☐ Assistant EOF Director
- ☐ EOF Technical Support Coordinator
- ☐ Corporate Health Physicist

The following equipment or an acceptable alternate shall be operational or available:

- ☐ TSC/EOF Hot Ringdown Telephone
(Room 124)
- ☐ Dose Assessment Computer (Room 121). . .
- ☐ REDAS (Room 121)
- ☐ SPDS (Room 124).

Alternates

- Microwave or commercial telephone contact with TSC/OSC.
- Ability to obtain current dose assessment data from the TSC team.
- Ability to obtain current meteorological, radiological, and plant data by alternate method (i.e., via telephone).
- Ability to obtain current meteorological, radiological, and plant data by alternate method (i.e., via telephone).

NOTE: Normally, the EOF should assume the responsibility and authority for off-site notification and PARs when the EOF is declared operational. Conditions may exist that warrant delaying that transfer of responsibility from the TSC. In this case, the EOF can still be declared operational.



OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- ATTACHMENT 6 -

SHORT-TERM RECOVERY PLAN GENERIC OUTLINE

PHASE I - INCIDENT STABILITY

1. Verify Security System integrity.
2. Assess integrity of systems required for long-term cooling by system walkdown:
 - Decay Heat
 - Spent Fuel
 - Ventilation
3. Continue cooldown using an appropriate heat removal method.
4. Verify termination of release.

PHASE II - DATA GATHERING

1. Auxiliary Building Filter Changeout and Analysis
2. Plant and Off-Site Radiation Surveys and Dose Assessments
3. Primary System and Reactor Building Atmosphere Sampling
4. Debrief key personnel.
5. Equipment inspection/develop damage report:
 - Emergency Feedwater System (including electrical)
 - Makeup System (HPI Valve)
 - PORV and Block Valves
 - Fuel Handling Area
 - Diesel Generator
6. Community Reaction Survey
7. Develop detailed incident report.
8. Establish whole body counting capability for emergency workers.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**- ATTACHMENT 6 (Continued)****SHORT-TERM RECOVERY PLAN GENERIC OUTLINE**
(Continued)**PHASE III - RESTORATION**

Based on results of Phase II assessment:

1. Prepare procedures as required.
2. Begin repair efforts.
3. Establish team for system cleanup and waste disposal activities.
4. Establish community educational and public relations activities.
5. Establish Recovery Team organization and off-site support liaison.
6. Re-establish normal site operations.
7. Establish claim office.
8. Assure regulatory communication.
9. Establish technical assessment team (FP, Framatome Technologies, other Architect/Engineer, etc.).
10. Develop long-term organizational recovery responsibilities and plant status objectives.

NOTE: The completed recovery plan and implementing procedures shall be submitted to the PNSC for approval before implementation. [See Section 5.5.2.7(e)]

OPERATION OF THE EMERGENCY OPERATIONS FACILITY**- ATTACHMENT 7 -****TSC COMPUTER LOG ACCESS INSTRUCTIONS**

Set up the computer as follows to make the log accessible on the Network:

1. Log on using your own OT# and password.
2. Open WORD.
3. Click on "Open" folder.
4. Open "Shared" folder on L:/CR3DATA.
5. Open "tsc_log" folder.
6. Open "TSC LOG.doc."
7. "File in Use" message will appear; Click on "Read Only."
8. You must periodically close the file and re-open to access updates of the TSC Log performed by the TSC.

FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM

1. THIS IS CRYSTAL RIVER UNIT 3. A. ☐ THIS IS A DRILL. B. ☐ THIS IS AN ACTUAL EVENT. I HAVE A MESSAGE.
ENSURE: ☐ STATE ☐ CITRUS ☐ LEVY ☐ RAD. CONTROL-ORLANDO (M-F ONLY) ARE ON LINE.

2. A. Time/Date contact made _____ B. Reported by: (Name/Title) _____

C. Message Number _____ D. Reported from: ☐ Control Room ☐ TSC ☐ EOF

3. SITE A. ☐ CRYSTAL RIVER UNIT 3 B. ☐ ST LUCIE UNIT 1 D. ☐ TURKEY POINT UNIT 3
C. ☐ ST LUCIE UNIT 2 E. ☐ TURKEY POINT UNIT 4

4. ACCIDENT CLASSIFICATION A. ☐ NOTIFICATION OF UNUSUAL EVENT C. ☐ SITE AREA EMERGENCY
B. ☐ ALERT D. ☐ GENERAL EMERGENCY

5. CURRENT EMERGENCY DECLARATION: TIME: _____ DATE _____

6. REASON FOR EMERGENCY DECLARATION:

7. ADDITIONAL INFORMATION OR UPDATE:

8. INJURIES REQUIRING OFFSITE SUPPORT: A. ☐ No ☐ Yes ☐ Unk B. Contaminated: ☐ No ☐ Yes ☐ Unk

9. WEATHER DATA: A. Wind direction from _____ degrees.
B. Downwind Sectors affected (minimum of 3): _____, _____, _____

10. RELEASE STATUS: A. ☐ No Release (Go to Item 12) C. ☐ A Release occurred, but stopped
B. ☐ A Release is occurring

11. OFFSITE RELEASE SIGNIFICANCE CATEGORY (at the Site Boundary)

- A. ☐ Information not available at this time.
B. ☐ Release within normal operating limits (Tech Specs/ODCM)
C. ☐ Non-Significant (Fraction of PAG Range) (release is > normal limits and <PAG levels)
D. ☐ PAG Range (Protective Actions required)

12. UTILITY RECOMMENDED PROTECTIVE ACTIONS

A. ☐ NONE B. ☐ SHELTER ZONES/AREAS: _____

EVACUATE ZONES/AREAS: _____

OR C. <input type="checkbox"/>	MILES	NO ACTION	EVACUATE SECTORS	SHELTER SECTORS
	0-2			
	2-5			
	5-10			

13. HAS EVENT BEEN TERMINATED?: A. ☐ NO B. ☐ YES: Time _____ Date _____

14. SUPPLEMENTAL FORM IS ATTACHED?: A. ☐ NO B. ☐ YES

15. MESSAGE RECEIVED BY: Name _____ Time _____ Date _____

THIS IS CRYSTAL RIVER UNIT 3. ☐ THIS IS A DRILL. ☐ THIS IS AN ACTUAL EVENT. END OF MESSAGE.

EC/EOF DIRECTOR INITIALS: _____

SUPPLEMENTAL DATA SHEET

The following supplemental data is to be completed by the TSC or EOF for an Alert or higher emergency declaration.
 Supplement to Message Number _____

PLANT CONDITIONS INFORMATION**CRITICAL SAFETY FUNCTIONS:**

- A. REACTOR SHUTDOWN? ☐ YES ☐ NO
- B. CORE ADEQUATELY COOLED? ☐ YES ☐ NO
- C. ADEQUATE EMERGENCY POWER AVAILABLE (DIESELS) ☐ YES ☐ NO

FISSION PRODUCT BARRIER STATUS: (Check one condition for each barrier)

BARRIER	✓	INTACT	✓	CHALLENGED	✓	LOST	✓	REGAINED
FUEL CLADDING		No indication of clad damage		Clad is intact but losing subcooling, water level, etc.		Clad has failed, indicated by high temps., high containment rad, etc		Cooling restored, no further degradation expected
PRI. REACTOR COOLANT SYSTEM		Leakage is within normal charging or makeup pump capacity		Leakage is within safety injection capacity		Leakage exceeds safety injection capacity		Leakage reduced to within injection capacity (system repaired)
CONTAINMENT		No evidence of containment leakage or tube rupture release is only through condenser		No leakage but containment pressure is at or above safety system actuation points (30 PSIG)		Evidence of containment leakage (known release path or rad surveys)		Repair efforts have isolated leak or containment pressure has reduced to stop leakage

COMPLETED BY: _____ TIME: _____ DATE: _____

RADIOLOGICAL DOSE ASSESSMENT DATA

1. **RELEASE STATUS:** A. ☐ No Release (no further data required) C. ☐ A Release occurred, but stopped
 B. ☐ A Release is occurring

2. RELEASE RATE:

- A. ☐ NOBLE GASES: _____ Curies per second ☐ Measured ☐ Default
- B. ☐ IODINES: _____ Curies per second ☐ Measured ☐ Default

3. TYPE OF RELEASE:

- A. ☐ AIRBORNE Time/Date Started: _____ Time /Date Stopped: _____
- B. ☐ LIQUID Time/Date Started: _____ Time/Date Stopped: _____

4. PROJECTED OFFSITE DOSE RATE:

DISTANCE	THYROID DOSE RATE (CDE)	TOTAL DOSE RATE (TEDE)
1 Mile (Site Boundary)	A. _____ mrem/hr	B. _____ mrem/hr
2 Miles	C. _____ mrem/hr	D. _____ mrem/hr
5 Miles	E. _____ mrem/hr	F. _____ mrem/hr
10 Miles	G. _____ mrem/hr	H. _____ mrem/hr

5. WEATHER DATA (used for the above data):

- A. Wind Direction from _____ degrees.
- B. Wind Speed _____ MPH (2.24 X meters/sec.)
- Stability Class _____ (Sigma Theta or Wind Range; See page 3 of 5)

COMPLETED BY: _____ TIME: _____ DATE: _____

STATE OF FLORIDA NOTIFICATION PROTOCOL

WITHIN 15 MINUTES of declaration of emergency classification, NOTIFY STATE WARNING POINT TALLAHASSEE. (This also notifies Citrus and Levy counties and the Department of Health, Bureau of Radiation Control (DHBRC)-Orlando. If information is NOT available, do NOT delay notification to State Warning Point Tallahassee.

Using one of the following communications networks listed by priority:

- STATE Hot Ringdown (SHRD) - Station 120 or 121
- Commercial Telephone System - 1-850-413-9911 or 1-800-320-0519 or 1-850-413-9900
- Florida Emergency Satellite Communication System - (ESATCOM)
- Local Government Radio (LGR) via Citrus County
- Portable Satellite Phone (Located in TSC cabinet)

If the Commercial Telephone is used for notification, a separate notification to Citrus (746-2555) and Levy County (1-352-486-5212 or 1-352-486-5111 after hours) is required.

When making the initial notification of an emergency condition to SWPT, report the current emergency classification declared at the time the notification is made. If before initial notification or since the previous notification conditions were met (even briefly) for a higher classification, explain in Incident Description or Update.

INITIAL NOTIFICATION

Once communications are established with the SWPT Duty Officer and the station roll call is complete, READ the message in its entirety and REPEAT information and answer questions as requested. FAX the State Form by using Group 1 from the Fax machine.

SECTORS AFFECTED

DEGREES	SECTORS	DEGREES	SECTORS	DEGREES	SECTORS
349-11 (349-371)	H J K	102-123 (462-483)	N P Q	214-236	B C D
12-33 (372-393)	J K L	124-146 (484-506)	P Q R	237-258	C D E
34-56 (394-416)	K L M	147-168 (507-528)	Q R A	259-281	D E F
57-78 (417-438)	L M N	169-191 (529-540)	R A B	282-303	E F G
79-101 (439-461)	M N P	192-213	A B C	304-326	F G H
				327-348	G H J

STABILITY CLASS

SIGMA THETA (deg)	WIND RANGE (deg)	DELTA T (DEG)	STABILITY CLASS
> 22.5	> 135	≤ -1.46	A (most dispersed plume)
<22.5 to 17.5	134 to 105	-1.45 to -1.31	B
<17.5 to 12.5	104 to 75	-1.30 to -1.16	C
<12.5 to 7.5	74 to 45	-1.15 to -0.39	D
< 7.5 to 3.8	44 to 23	-0.38 to 1.15	E
<3.8 to 2.1	< 23 to 12	1.16 to 3.07	F
<2.1	<12	≥ 3.08	G

UPDATE NOTIFICATION

Update SWPT every sixty minutes after initial notification and upgrades of emergency classification.

The use of the Florida Nuclear Plant Emergency Notification Form is required for:

- Initial notification that an emergency condition exists (Item 4)
- Any change in emergency classification (Item 4)
- Any change in Protective Action Recommendations (Item 12)
- Termination of an emergency classification (Item 13)

Other updated information NOT meeting the above criteria does NOT require the use of the Florida Nuclear Plant Emergency Notification Form.

The sixty minute update notification is still required with a statement there is NO change from last update, unless the NPT agrees to less frequent updates.

GUIDANCE FOR COMPLETING THE FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM

1. Select appropriate box based on a drill or actual event. Ensure offsite agencies are on-line. If NOT, separate notifications to Citrus and Levy County are required.
2.
 - A. Enter the time contact is made with the State Warning Point or Risk County. This time must be within 15 minutes of the "Current Emergency Declaration" time (Item 5) or within 60 minutes of the previous notification if used for an update.
 - B. Enter name and title of person making the notification.
 - C. Enter message number (beginning with #1 and following through sequentially in the TSC and EOF).
 - D. Enter location from which the notification is made.
3. Check Crystal River Unit 3.
4. Check the classification corresponding to current plant conditions. If, before the initial notification or since the previous notification, conditions were met (even briefly) for a higher classification, ensure that classification and condition is noted in Item 7, "Additional Information or Update."
5. Enter the emergency declaration time and date for the current accident classification.
6. Enter wording to indicate the Emergency Action Level description or the status of the Fission Product Barriers used to declare the event (e.g., Loss of Reactor Coolant System Barrier, Potential Loss of Fuel Clad Barrier, etc.). This information should remain the same throughout update messages unless there is a classification change. Do NOT use acronyms or abbreviations.
7. Enter additional significant events here, including if conditions briefly existed for a higher emergency classification but NO longer exist, or conditions that would have independently warranted declaration of an equal or lower classification (e. g. a fire within the Protected Area during a SITE AREA or GENERAL EMERGENCY).
8. **Check Item "A"** only if there are injuries that require off-site support (EMS, hospital). Check "Unk" if the extent of the injuries is unknown at this time or if it is NOT yet known if offsite treatment is necessary. Check "Unk" in item "B" if the nature of the injuries has prevented thorough monitoring onsite or if there is any doubt whether contamination is present.
9. Enter the wind direction in degrees in Item "A" and the three downwind sectors in Item "B." The downwind sectors confirm wind direction because of potential confusion with degrees "from" versus degrees "to."
10. **Check Item "A"** if there are NO indications of a release, then go to Item 12. **Check Item "B"** if a release is occurring, even though it may be less than normal operating limits. **Check Item "C"** if a release has occurred but stopped. Specific dose information will be supplied on the supplemental data sheet after the TSC is declared operational at an ALERT or higher. **RELEASE:** any increase in count rate on an effluent monitor that is a direct result of an event that has initiated an emergency declaration, or radioactivity escaping unmonitored from the plant, but detected by environmental monitoring.
11. **Check Item "A"** if Release Significance Category (See page 5 of 5) information is NOT available at the time of notification and follow-up as soon as possible with information. **Check Item "B"** if the current release is or the previous release was within normal operating limits (ITS/ODCM). Releases monitored by RM-A1 or RM-A2 are within normal operating limits if the low-range gas channel is below its high alarm setpoint. **Check Item "C"** if the current release is or the previous release was greater than normal operating limits, but less than EPA PAG values. This involves any radiological release that may occur when there is NO fuel damage. NO PARs are required at this level. **Check Item "D"** if the fuel clad barrier has been lost and there is any indication of a release (effluent monitors, surveys, etc.). A General Emergency and PARs would be automatically required. This terminology should be easily understood by decision-makers at all levels within the utility and at the State and local levels.
12. **Check Item "A"** if NO Protective Actions are necessary. **Check Item "B"** if PARs are necessary and enter Zone designation. (Item "C" is used by other Florida nuclear sites.)
13. Enter the time the event has been terminated or when the transition from the "Emergency Phase" to the "Recovery Phase" has taken place.
14. Check "no" unless a Supplemental Form has been completed for this particular message. If a Supplemental Form is attached, the Form is to be read as part of the emergency notification from the TSC or EOF and faxed.
15. Enter the name of the SWPT Duty Officer or the individual that receives the notification. Enter time and date call is completed or when Form is provided to Deputy State Coordinating Officer at the EOF.

Supplemental Page – Complete at the TSC or EOF at an Alert classification or higher and provide to State & Counties with Page 1.

RELEASE SIGNIFICANCE CATEGORIES

CORE CONDITION	RELEASE STATUS	RELEASE SIGNIFICANCE CATEGORY
<u>NO</u> Core Damage	<u>NO</u> release	NR
	Release in progress	<NOL, NS
Clad Failure	<u>NO</u> release	NR
	Release in progress	PAG
Core Melt	<u>NO</u> release	NR
	Release in progress	EHE (PAG* Florida Nuclear Plant Emergency Notification Form)

NR: NO RELEASE

This category indicates NO release is occurring. This category is appropriate regardless of core status, if there are NO indications of a release (e.g., unexplained containment pressure decrease, unexplained abnormal radiation levels in Auxiliary Building or Intermediate Building, on the berm, or in the field). Do NOT assume Design Basis Leakage is occurring if it has NOT been detected. If a release occurred but has now stopped, maintain the appropriate category below until EPZ doses have dissipated.

<NOL: RELEASE WITHIN NORMAL OPERATING LIMITS (ITS/ODCM)

This category indicates releases that are monitored by RM-A1 or RM-A2, occurring when the fuel is undamaged. These releases are within normal operating limits if the low-range gas channel is below its high alarm setpoint. Do NOT make this selection for releases NOT monitored by RM-A1 or RM-A2 unless they have been evaluated per the ODCM.

NS: NON-SIGNIFICANT (FRACTION OF PROTECTIVE ACTION GUIDELINE VALUES)

This category indicates releases that are occurring when the fuel is undamaged. It includes releases exceeding RM-A1 or RM-A2 high alarm setpoint (e.g., LOCA, Waste Gas System failures). It also includes releases NOT monitored by RM-A1 or RM-A2 (e.g., Steam Generator Tube Rupture with safeties lifting). These releases will NOT produce site boundary doses that approach the EPA Protective Action Guideline values of 1 REM TEDE and/or 5 REM thyroid. NO Protective Action Recommendations are necessary.

PAG: AT OR NEAR PROTECTIVE ACTION GUIDELINE VALUES

This category indicates releases that are occurring after the fuel clad barrier has been lost. It includes damage to irradiated fuel stored in the fuel pools. Site Boundary doses greater than the EPA Protective Action Guideline of 1 REM TEDE and/or 5 REM thyroid are possible. The category is appropriate with fuel cladding failure even if only minor offsite doses are detected. A General Emergency would be required and evacuation of at least 5 miles, 360 degrees (Zone 1) should be recommended. Shelter or evacuation beyond 5 miles should be determined based on plant status and dose projections.

EHE: EARLY HEALTH EFFECTS (NOT on Florida Nuclear Plant Emergency Notification Form, see NOTE below)

This category indicates releases that are occurring after severe core damage has taken place and where containment has failed early in the event. Doses of 25 REM TEDE and/or 2500 RADS thyroid could cause early health effects and these doses are easily possible within three miles from the plant. Evacuation of the Energy Complex should be performed and evacuation of the 10-mile EPZ (Zones 1,2,3) should be recommended (never sheltering) even if evacuees are exposed to the plume.

* **NOTE:** This category is NOT listed on the Florida Nuclear Plant Emergency Notification Form because the State implements protective actions at the PAG range above. However, it will be posted on status boards in the TSC and EOF.

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- ATTACHMENT 10 -

(Page 1 of 2)

EMERGENCY COORDINATOR TO EOF DIRECTOR TURNOVER/BRIEFING WORKSHEET

A. STATUS OF EMERGENCY PLAN IMPLEMENTATION

1. TIME: Alert _____ Site Area Emergency _____ General Emergency _____
2. EALs Met: _____

3. Last SWPT Notification (time): _____ Next Notification Due: _____
4. Release Significance Category: _____
5. Energy Complex Protective Actions: _____
 CR-3 non-essential personnel evacuated? ☐ Yes ☐ No ☐ In Progress
 CR-1/2 operating? ☐ Yes ☐ No CR-4/5 operating? ☐ Yes ☐ No
 Energy Complex evacuated? ☐ Yes ☐ No ☐ In Progress
6. Off-Site Protective Action Recommendations (PARs) made:
 Evacuate Zones _____ Shelter Zones _____

B. PLANT STATUS:

1. Core Status: ☐ Degrading ☐ Stable ☐ Improving
2. Is the reactor shutdown? ☐ Yes ☐ No
3. Is the core adequately cooled? ☐ Yes ☐ No
4. FISSION PRODUCT BARRIERS ASSESSMENT:

Fuel clad	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
RCS	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
Containment	<input type="checkbox"/> Intact	<input type="checkbox"/> Challenged	<input type="checkbox"/> Lost	<input type="checkbox"/> Regained
5. EMERGENCY ELECTRICAL POWER STATUS:

Off-site power available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
ES buses energized?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Emergency Diesel Generators available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
DC power available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6. CONTROL COMPLEX STATUS:

Ventilation/cooling available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Necessary instrumentation available?*	<input type="checkbox"/> Yes	<input type="checkbox"/> No

* Necessary refers to specific instruments and annunciators that are needed to identify, diagnose, and track the problems that are causing the emergency.



REP-03

Rev. 31

Date 09/07/01

Page 77 of 78

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

(Page 2 of 2)

7. Other Conditions/challenges:

[illegible][illegible]

OPERATION OF THE EMERGENCY OPERATIONS FACILITY

- ATTACHMENT 11 - GUIDELINES FOR PROTECTIVE ACTION RECOMMENDATIONS FOR NON-ESSENTIAL ENERGY COMPLEX PERSONNEL AND GENERAL POPULATION

PLANT CONDITIONS/OFF-SITE DOSE ESTIMATES	RECOMMENDED ACTION 0-5 MILES	5-10 MILES
1. CONDITION: GENERAL EMERGENCY DECLARED. <u>NO</u> APPARENT CORE DAMAGE. CORE DAMAGE INDICATIONS: a. RCS pressure vs. temperature in Region 1 or 2 (Refer to EOP-7); or b. RM-G29/30 reading < 100 R/hr; or c. PASS results.	Evacuate Zone 1 (See Note 2)	None (See Note 1)
2. CONDITION: GENERAL EMERGENCY DECLARED. CLAD DAMAGE/GAS GAP RELEASE (<u>NO</u> CORE MELT). CORE DAMAGE INDICATIONS: a. RCS pressure vs. temperature in Region 3 (Refer to EOP-7); or b. Core uncovered for 15-30 minutes; or c. RM-G29/30 reading of 100-75,000 R/hr (RB spray off) OR 100-25,000 R/hr (RB spray on); or d. PASS results. OR: * Dose at the 0.83 mile Site Boundary is projected to be: a) TEDE: ≥ 1.0 Rem b) Thyroid CDE: ≥ 5.0 Rem	Evacuate Zone 1 (See Note 2)	Shelter Zones 2 & 3 (See Note 1)
3. CONDITION: GENERAL EMERGENCY DECLARED. CORE MELT OCCURRING OR LIKELY. CORE DAMAGE INDICATIONS: a. RCS pressure vs. temperature in the Severe Accident Region (Refer to EOP-7); or b. Core uncovered for > 30 minutes; or c. RM-G29/30 reading > 75,000 R/hr (RB spray off) or > 25,000 R/hr (RB spray on). WITH: <u>NO</u> projected containment failure and <u>NO</u> release underway. <hr/> Projected containment failure and/or release underway.	Evacuate Zone 1 (See Note 2) Evacuate Zone 1 (See Note 2)	Shelter Zones 2 & 3 (See Note 1) Evacuate Zones 2 & 3 (See Note 2) (See Note 3)

* PARs within the first hour of an event should be based on PLANT CONDITIONS ONLY until the Dose Assessment Team is operational.

NOTE 1: Relocate/evacuate population affected by ground contamination after plume passage or at any time projected dose from actual release is ≥ 1.0 REM TEDE or ≥ 5.0 REM Thyroid CDE.

NOTE 2: Evacuation time estimates are 2 hours for a Zone 1 evacuation and 4 hours for Zones 2 & 3 evacuation. (These times do NOT include notification or preparation time for evacuees.)

NOTE 3: IF projected dose from an actual release is > 1.0 REM TEDE or 5.0 REM Thyroid beyond 10 miles, THEN RECOMMEND evacuation to State and local government by distance in miles, OR by subdivision and geographic boundaries.

ZONE DESCRIPTIONS: **Zone 1:** 0-5 miles 360 degrees and out to 10 miles in Gulf
Zone 2: 5-10 miles in Citrus County
Zone 3: 5-10 miles in Levy County