



JUN 04 2003

L-2003-139  
10 CFR 50.54(q)  
10 CFR 50 Appendix E

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Emergency Plan and Implementing Procedure Changes

The following documents have been revised:

0-EPIP-1212, "Emergency Operations Facility (EOF) Activation and Operation"  
0-EPIP-20201, "Maintaining Emergency Preparedness- Radiological Emergency Plan Training"  
0-EPIP-20132, "Technical Support Center (TSC) Activation and Operation"

Pursuant to the requirements of 10 CFR 50.54(q) and 10 CFR 50 Appendix E, one copy of each of the revised documents is enclosed. A summary of changes to the documents is attached. The implementation date for 0-EPIP-1212, "Emergency Operations Facility (EOF) Activation and Operation" and 0-EPIP-20201, "Maintaining Emergency Preparedness- Radiological Emergency Plan Training" was 5/8/03. The implementation date for 0-EPIP-20132, "Technical Support Center (TSC) Activation and Operation" was 5/9/03. Florida Power and Light has determined that the changes described do not result in a decrease in the effectiveness of the Emergency Plan.

Very truly yours,

Terry O. Jones  
Vice President  
Turkey Point Plant

DRL

Attachment, enclosure

NRC Regulatory Issue Summary 2001-05 waived the requirements that multiple copies of documents be submitted to the NRC.

A045

### **SUMMARY OF CHANGES**

#### **0-EPIP-1212, "Emergency Operations Facility (EOF) Activation and Operation"**

Added the following detail relating to the EOF Status Board Keeper and the EOF Recovery Manager Operations Advisor position responsibilities:

- Deleted all references to the EOF Status Board Keeper position. The EOF Status Board Keeper position is no longer needed to write ERDADS information on a white board due to the addition of a computer and a projector in the EOF. This allows ERDADS information to be displayed via projection, onto a large screen in the EOF on a real time basis.
- The responsibility for logging on the computer and turning on the projector to allow ERDADS information to be displayed is given to the EOF Operations Advisor position.

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#### **0-EPIP-20201, "Maintaining Emergency Preparedness- Radiological Emergency Plan Training"**

Added the following detail relating to the Protection Services Manager, the Nuclear Support Services Manager, and the Assistant to the Duty Call Supervisor positions:

- Changed the procedure to make the Emergency Preparedness Department report to the Nuclear Plant Support Services Manager instead of the Protection Services Manager. This change was made in response to a plant organizational change eliminating the Protection Services Manager position and creating the Nuclear Plant Support Services Manager position.
- Eliminated the need for the Assistant to the Duty Call Supervisor position to attend formal training from the Training Department. The Assistant to the Duty Call Supervisor will receive training through the issuance of an annual memorandum describing, in detail, the responsibilities and requirements for the position.

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#### **0-EPIP-20132, "Technical Support Center (TSC) Activation and Operation"**

Added the following detail relating to the TSC Status Board Keeper and the TSC Operations Manager position responsibilities:

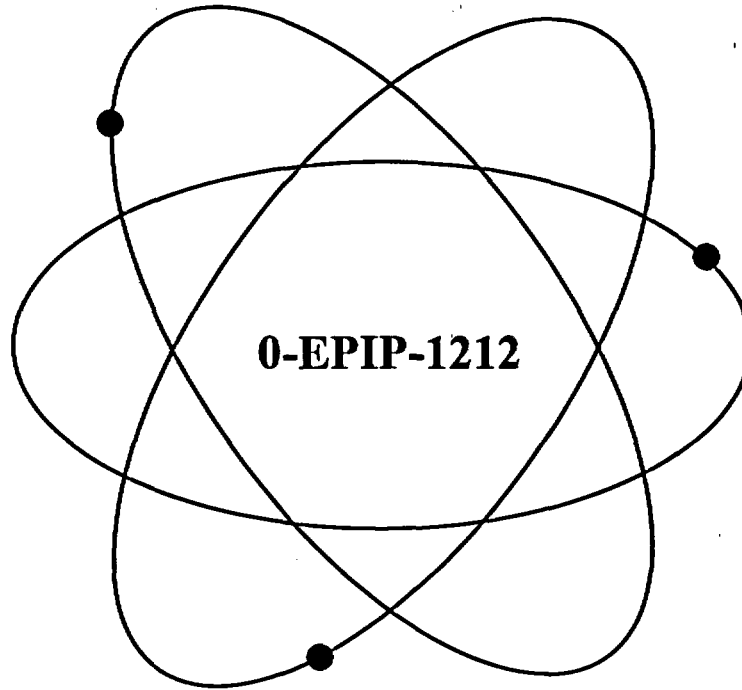
- Deleted all references to the TSC Status Board Keeper position. The TSC Status Board

Keeper position is no longer needed to write ERDADS information on a white board due to the addition of a computer and a projector in the TSC. This allows ERDADS information to be displayed via projection, onto a large screen in the TSC on a real time basis.

- The responsibility for logging on the computer and turning on the projector to allow ERDADS information to be displayed is given to the TSC Operations Manager position.

# Florida Power & Light Company

## Turkey Point Nuclear Plant



Title:

### Emergency Operations Facility (EOF) Activation and Operation

#### Safety Related Procedure

<i>Responsible Department:</i>	Emergency Preparedness
<i>Revision Approval Date:</i>	4/18/03
<i>Periodic Review Due:</i>	9/20/04

RTSs 96-0772P, 96-1431, 98-0670, 00-0248P, 00-465P, 02-0866P

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		Approval Date: 4/18/03

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## 1.0 PURPOSE

- 1.1 This procedure identifies the steps involved for activation and operation of the Turkey Point Emergency Operations Facility (EOF).
- 1.2 Individuals specifically designated to perform assignments identified in this procedure are listed in the Turkey Point Emergency Response Directory (ERD).

## 2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

### 2.1 References

#### 2.1.1 Final Safety Analysis Report (FSAR)

1. Section 12

#### 2.1.2 Plant Drawings

1. Turkey Point Units 3 and 4 as-built drawings

#### 2.1.3 Procedures

1. 0-EPIP-1102, Duties of the Recovery Manager
2. 0-EPIP-1211, Duties of the Corporate Communications Emergency Response Organization
3. 0-EPIP-1302, PTN Core Damage Assessment
4. 0-EPIP-20126, Off-Site Dose Calculations

#### 2.1.4 Regulatory Guidelines

1. 10 CFR 26, Fitness for Duty

#### 2.1.5 Miscellaneous Documents

1. Turkey Point Radiological Emergency Plan
2. Turkey Point Nuclear Plant Recovery Plan
3. Turkey Point Plant Physical Security Plan
4. Turkey Point Safeguards Contingency Plan
5. Nuclear Division Policy, NP-400
6. Turkey Point Emergency Response Directory (ERD)
7. Meteorology and Atomic Energy 1968

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## 2.2 Records Required

2.2.1 Completed copies of the below listed item(s) constitute Quality Assurance Records and shall be transmitted to QA Records for retention in accordance with Quality Assurance Records Program requirements.

1. None

2.2.2 Collect the following material and forward to the Emergency Preparedness Coordinator for review and/or archival:

1. All attachments to this procedure or similar forms, worksheets, or reports.
2. Logs of emergency events and actions.

## 2.3 Commitment Documents

2.3.1 QAS-EMP 90-1, Finding 4, April 6, 1990

2.3.2 QAS-EMP 89-3, Finding 4, February 27, 1990

2.3.3 NRC IR 92-12; EW 92-12-02, May 6, 1992

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### 3.0 **RESPONSIBILITIES**

#### 3.1 **The Recovery Manager is responsible for:**

- 3.1.1 Activating the EOF in accordance with 0-EPIP-1102, DUTIES OF THE RECOVERY MANAGER.
- 3.1.2 Declaring the EOF operational in accordance with 0-EPIP-1102, DUTIES OF THE RECOVERY MANAGER

#### 3.2 **The Emergency Security Manager (ESM) is responsible for:**

- 3.2.1 Access and security of the EOF and ENC.
- 3.2.2 Assuring all requirements of 10 CFR Part 26, Fitness for Duty rules, are met by persons reporting for duty in pre-assigned EOF positions.
- 3.2.3 Maintaining liaison with law enforcement agencies.
- 3.2.4 Coordinating with on-site security personnel to assist in security functions as required.
- 3.2.5 Assuring prompt access to the TSC/EOF is granted for NRC responders.
- 3.2.6 Tracking the status of injured site personnel transported to off-site medical facilities.
- 3.2.7 Providing advice to the Recovery Manager in relation to security matters during a plant emergency.

#### 3.3 **The EOF Supervisor is responsible for:**

- 3.3.1 Coordinating and verifying facility operational readiness.
- 3.3.2 Ensuring accountability within the EOF is maintained.
- 3.3.3 Ensuring adequate operational and technical support for the RM.
- 3.3.4 Overseeing communication to the State, counties and NRC to ensure notifications are performed in the required times.
- 3.3.5 Ensuring plant data is provided to the facility personnel via ERDADS, status boards, communicators or TV monitors.
- 3.3.6 Providing direction to the EOF Administrative Supervisor for support to the EOF staff.
- 3.3.7 Ensuring equipment is available and functional to support the event.

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**3.4 The RM Operations Advisor is responsible for:**

- 3.4.1 Supporting the RM in the development of Protective Action Recommendations.
- 3.4.2 Following plant status by means of EOF TSC Communicator, TV system, or other source.
- 3.4.3 Ensuring facility awareness of current EAL.
- 3.4.4 Routinely reviewing EOPs as necessary.
- 3.4.5 Assisting the RM with preparation and conduct of briefings.
- 3.4.6 Acting as a relief to the RM when the RM exits the area.
- 3.4.7 Maintaining the RM logbook.

**3.5 The Technical Assistant to the RM is responsible for:**

- 3.5.1 Determining present and potential Emergency Action Level Status.
- 3.5.2 Updating the 10-mile EPZ map with the Protective Actions issued.
- 3.5.3 Assisting the HRD Communicator with the completion of the state notification forms as necessary.
- 3.5.4 Assisting the RM with preparation and conduct of briefings.
- 3.5.5 Acting as a relief to the RM when the RM exits the area.
- 3.5.6 Maintaining a log of activities.

**3.6 The Administrative Supervisor is responsible for:**

- 3.6.1 Providing administrative support such as faxing, photocopying, distributions, etc.
- 3.6.2 Ensuring operability of EOF equipment.
- 3.6.3 Ensuring adequate measures are in place to meet personnel needs such as food, water, etc. both at the EOF and at the plant.
- 3.6.4 Arranging hotel reservations and car rentals for incoming personnel, as necessary.
- 3.6.5 Ensuring minutes of formal briefings are taken to record pertinent information discussed.

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**3.7 The Health Physics Manager (HPM) / Dose Assessment Coordinator is responsible for:**

- 3.7.1 Ensuring Dose Assessment functions are being performed.
- 3.7.2 Providing radiological data to the RM and assist with briefings, as necessary.
- 3.7.3 Ensuring Field Teams are tracked and coordinated between the Department of Health – Bureau of Radiation Control.
- 3.7.4 Providing radiological information to support the Emergency News Center.
- 3.7.5 Ensuring communications with the NRC via the HPN are adequate.
- 3.7.6 Ensuring radiological data is posted on the boards.
- 3.7.7 Maintaining contact and comparing Dose Assessment results with the TSC.

**3.8 The Emergency Technical Manager (ETM) is responsible for:**

- 3.8.1 Supporting the TSC in problem solving based on engineering design and as-built construction details.
- 3.8.2 Performing core damage assessments and providing results to the Recovery Manager.
- 3.8.3 Maintaining communications with the TSC.

**3.9 The Emergency Control Officer (ECO) is responsible for:**

- 3.9.1 Maintaining awareness of plant conditions, media interest, and news releases.
- 3.9.2 Ensuring support is available for offsite agencies and Corporate Communications.
- 3.9.3 Performing a technical spokesperson function.
- 3.9.4 Approving press releases.

**3.10 The Nuclear Division Duty Officer (NDDO) is responsible for:**

- 3.10.1 Remaining available via either telephone or pager contact for the entire duty period.
- 3.10.2 Functioning as the ECO until a designated ECO is obtained and a proper turnover has been given.
- 3.10.3 Serving as technical advisor and INPO interface.

**4.0 DEFINITIONS**

- 4.1 None.

**5.0 PROCEDURE****NOTES**

- *To assure timely activation, EOF Responders shall be ready to assume their duties as soon as practical upon entering the EOF.*
- *To ensure all position responsibilities are completed, appropriate ERO staff shall complete applicable check-off attachments.*

**5.1 Activation of the EOF**

- 5.1.1 When notified, EOF emergency responders are to report to the facility as quickly as possible.
- 5.1.2 The first responders to the EOF should do the following:
  - 1. Upon arrival at the EOF, unlock the double entrance door to the facility by use of corporate ID or assistance from General Office (GO) security operations personnel. The door should then be blocked opened to allowed access to responders arriving thereafter.
  - 2. Acquire a copy of Attachment 8, EOF First Responder Check-off Sheet from the Document Control File to ensure all required activities are completed.
  - 3. Ensure all steps in Attachment 8, EOF First Responder Check-off Sheet have been completed and initialed. Forward the completed Attachment 8 to the Emergency Preparedness Coordinator upon conclusion of the event.
- 5.1.3 Only controlled copies of nuclear safety related procedures, drawings, and other available plant information shall be used. Non-controlled documents or drawings should be verified with a controlled copy prior to use in the EOF.
- 5.1.4 During facility briefings, stop what you are doing, pay attention, and contribute as requested.

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5.2 The following EOF positions shall acquire a copy of their associated check-off attachment and ensure all steps are completed and initialed, all attachments are signed and dated and all completed attachments are forwarded to the Emergency Preparedness Coordinator at the conclusion of the event:

**NOTE**

*EOF personnel can acquire associated attachments from the Document Control File.*

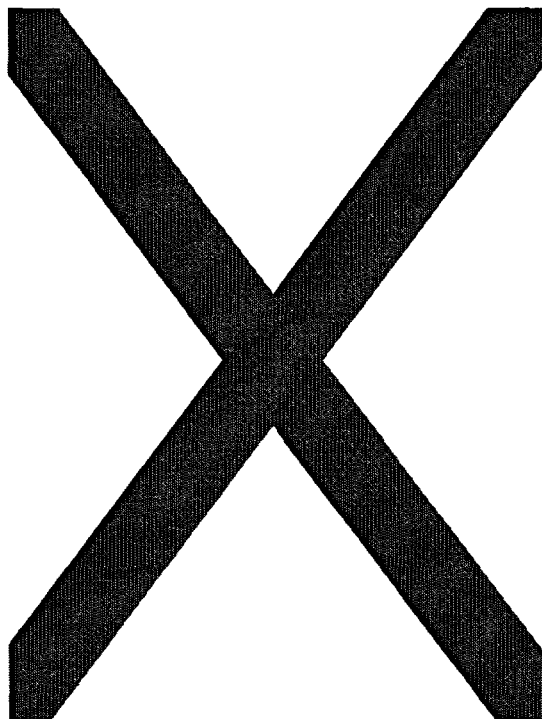
<u>EOF POSITION</u>	<u>ATTACHMENT NO.</u>
EOF FIRST RESPONDER.....	8
EMERGENCY SECURITY MANAGER (ESM) AND SECURITY PERSONNEL .....	9
EOF SUPERVISOR.....	10
RM OPS ADVISOR .....	11
TECH ASSISTANT TO THE RM .....	12
STATE/COUNTY COMMUNICATOR.....	13
ENS COMMUNICATOR.....	14
ERDADS OPERATOR .....	15
TSC COMMUNICATOR.....	16
ADMINISTRATIVE SUPERVISOR.....	17
HPM/DOSE ASSESSMENT COORDINATOR.....	18
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EMERGENCY INFORMATION MANAGER/ ENC TECHNICAL ADVISORS .....	26
COUNTY EOC TECHNICAL ADVISORS .....	27

**END OF TEXT**



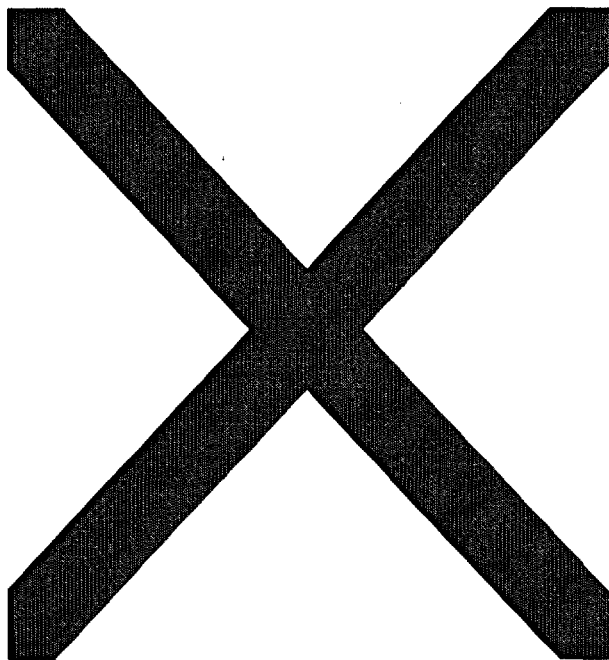
**FIGURE 1**  
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**EOF DIRECTIONS**



**FIGURE 2**  
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**EOF LAYOUT**



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**DIRECTIONS TO STATE EOC IN TALLAHASSEE**

**Directions:**

**From Tallahassee Regional Airport (TLH):**

- Take Capitol Circle EAST, past Rt. 319 intersection to Centerview Drive (approximately 12 miles)
- At office complex on left (Koger Center), turn left on Centerview Drive
- Turn right into first parking lot. Located on 1st floor, southeast side of building you will be facing the State EOC as you enter the parking lot.

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**ENCLOSURE 2**  
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**SIMU-FAX INSTRUCTIONS**

1. In the Admin Area of the EOF, locate the computer with the scanner attached.
2. Ensure computer is on.
3. Login using your normal computer ID (SLID) and your password.
4. Once logged in, locate the fax icon located on the bottom right of the task bar.
5. Click on **fax machine** and denote the printer as \JBXSA58/HPFAX or Rightfax printer.
6. Click on **fax machine** and then click on **FaxUtil**.
7. If prompted to login, use State Notification-Don Mothena without a password. This will get you the phonebook with all of the drill/emergency related fax machines. If logged in on your own SLID, access the top right scroll bar and change your phonebook to State\_Notificaiton, Don Mothena.
8. To fax, click on menu item **Fax** and then **New**.
9. The fax screen will open.
10. Click on **Phonebook**.
11. To fax to All Points, click the block to the left of **ALL\_STATE\_NOT**, then click **OK**.
12. After choosing the fax designation, you will be returned to the fax screen.
13. Click on the scan button and ensure the document to be sent is in the scanner.
14. Enter the number of pages you will be scanning in the designated block.
15. Click on **scan**.
16. You will be returned to the previous screen.
17. Ensure that the cover sheet option at the bottom left of the screen does not have a check in it (cover sheets are not desired).
18. Click on the **Send** button (top right).
19. You will be returned to the main screen where In-process faxes will show as line items.

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**SIMU-FAX INSTRUCTIONS**

20. Once the fax has been delivered, you can see it by choosing **List** from the Menu Bar, then clicking on **Sent Fax List (Outbound)**. Only completed faxes will be listed here. If the fax remains in the in-process page, that means it has not been delivered. Attempts to continue delivering the fax will continue, if you note that a certain fax has not been delivered, you should attempt to confirm the fax number to that location.
21. Individuals may be added to the list as needed or just entered for a one time fax, if needed. To enter the fax one time, click on **fax and new**, put the individual's name and fax number in the appropriate location, scan your document and click **send**.

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ENCLOSURE 3  
(Page 1 of 1)**

**TYPICAL DISTRIBUTION OF INFORMATION IN THE EOF**

**NOTE**

*This is a typical distribution of information at the EOF. The distribution may be changed as necessary due to organizational needs and circumstances.*

Place all distributions under appropriate phone in bullpen or in incoming trays in offices.

**OFFSITE DOSE PROJECTION REPORT:**

Recovery Manager (bullpen)  
Emergency Control Officer (bullpen)  
State/County Communicator (bullpen)  
Emergency Notification System (ENS) Communicator (bullpen)  
Emergency Information Manager (bullpen)  
NRC (bullpen)  
NRC (office)  
Department of Health - Bureau of Radiation Control (bullpen)  
State DEM (office)  
Dade County (office)  
Monroe County (office)

**ERDADS PRINTOUTS:**

RM Operations Advisor (bullpen)  
Emergency Control Officer (bullpen)  
Emergency Information Manager (bullpen)  
Dose Assessment Coordinator (office) [should be provided with a color original]  
Emergency Technical Manager (bullpen)  
Emergency Technical Manager's Staff (office)

**FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORMS  
AND NRC EVENT NOTIFICATION WORKSHEETS:**

Recovery Manager (bullpen)  
Emergency Control Officer (bullpen)  
State/County Communicator (bullpen)  
ENS Communicator (bullpen)  
Emergency Information Manager (bullpen)  
NRC (bullpen)  
NRC (office)  
Department of Health - Bureau of Radiation Control (bullpen)  
State DEM (office)  
Dade County (office)  
Monroe County (office)

**NEWS RELEASES:**

Recovery Manager (bullpen)  
Dose Assessment Coordinator (office)  
NRC (bullpen)  
NRC (office)  
Department of Health - Bureau of Radiation Control (bullpen)  
State DEM (office)  
Dade County (office)  
Monroe County (office)

ENCLOSURE 4  
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## ERDADS DATA POINT DESCRIPTIONS

NOTES

- The point you type in will become the point being monitored, until the display is cleared or changed to a different one.
- Remember that digital points are either a zero (0) or a one (1) (ON or OFF).
- When looking at valve positions, be aware that the point name for most Motor Operated Valves (MOVs) contains a **O** or **C** in the name to indicate whether it is the **OPEN** or the **CLOSED** limit switch; for example, MOV864AO-3. The valve is MOV-864A on Unit 3 and it is the **OPEN** limit switch. This means that when this point is ON or is 1, the valve is fully open.
- For some valves, ERDADS generates a calculated analog, e.g., MOV864A-3 is an analog point that can only have the value of 0, 1, 2, or 3. These valves are derived from the four possible combinations of the **OPEN** and **CLOSED** limit switches.

To monitor an analog and digital plant parameter, using the Point Value (PTV) display:

1. Type PTV.
2. Press <DSPLY>.

NOTE

The display is divided into two areas: The left side displays monitored analog points; the right side digital points. The <TAB-> will move the cursor sequentially through the entry areas alternating between the analog and digital side of the screen.

3. Position the cursor using the <TAB+> and <TAB-> to an analog point (on the left), or to a digital point (on the right).
4. Type in a desired analog (or digital) point.
5. Press <ENTER>.

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**ERDADS DATA POINT DESCRIPTIONS**

The following data point descriptions for Turkey Point Plant correspond with the data normally tracked on the Operations Parameters Status Board. Consult ERDADS Manual, as necessary, for verification of point ID, point names or description information.

POINT DESCRIPTION	PT ID	POINT NAME	TYPE CALCULATION	NOTES
Avg. HL Temp	885	THAVTEMP-3	Average	The average of the three loop average Th.
RCS Pressure WR	759	RCSAVPRES-2	Average	The RCS pressure is the average of the available valid channels. If one channel is good, then its value will be used. If both inputs are invalid, an average of the two channels will occur, and the result will be flagged as bad, PT404 and PT406 monitor the hot leg pressure of RCS loops B and A respectively.
Pressure Avg Level	785	PRZ-AVLVL-3	Average	The pressurizer average level is calculated by the redundant sensor algorithm. At least two channels must agree within 8% of the calculated rejection value for a valid output. The Instrument range of 0-100% level is equivalent to 600-9050 gls. Transmitters are hot calibrated at 650 degrees F. Protection signals include: High level trip at 91% (2/3), a low low level alarm at 6%. Controls include: heaters off and letdown isolation at 14% high level alarm and heater on at LVL program + 5%, and low level alarm at LVL program -5%.
Charging Flow	439	FT122-3		Charging flow is provided by three electrically driven positive displacement pumps. The discharge is to a common header (flow is monitored on the common header). Flow is directed to a Loop A cold leg, PZR aux spray or Loop C hot leg. Charging flow also provides reactor coolant pump seal water flow. Charging flow rate is controlled by PZR level.
Core Exit Temperature	787	CET-3	Highest	CET-3 is the highest of the two calculated representative CET temperature (QSPDS Train A or B). The calculated representative CET temperature is the average of the highest eight valid CET temperatures for that train. Note: Train A has 26 CETS, Train B has 25.



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**ERDADS DATA POINT DESCRIPTIONS**

POINT DESCRIPTION	PT ID	POINT NAME	TYPE CALCULATION	NOTES
RCS Subcooling	854	SMM1LO-3	Lowest	The subcooling saturation margin is the lowest of two (QSPDS Train A and B) calculated RCS saturation margins in degrees fahrenheit. The RCS subcooling saturation margin is calculated using the highest RCS loop temperature.
Reactor Upper Head Level	768	RXHDLVLLO-3	Lowest	Reactor head level consists of the top two sensors (#1 and #2) of an eight sensor probe. The probe extends from the top of the head to the top of the fuel alignment plate. Each sensor consists of a heated and unheated thermocouple. The temperature difference between the thermocouples is used to detect a void. Sensor one is 178.8 inches above active fuel; indicated head level when uncovered is 33%, sensor two is 141.7 inches above active fuel; indicated head level when uncovered is 0%.
Reactor Plenum Water Level	895	RNPLLVLLO-3	Lowest	Reactor plenum levels consists of the lower six sensors of an eight sensor probe. Each sensor consists of a heated and unheated thermocouple. The temperature difference between the thermocouple is used to detect a void. Sensor numbers 3, 4, 5, 6, 7 and 8, when uncovered, indicate respectively 81%, 58%, 40%, 28%, 16%, and 0% plenum level. Each sensor's location above active fuel is respectively 127.6, 98.4, 69.1, 54.6, 40.1, and 23.7 inches. Note: sensors 5, 6 and 7 correspond to the top, center and bottom of the outlet nozzle, respectively.
RHR System Flow	437	FT605-3		FT605 measures the residual heat removal (RHR) flow. RHR is provided by two RHR pumps. Each pump discharges to its own associated heat exchanger. Flows from the heat exchanger are combined into a single header for penetration into containment. Flow in this line is measured by FT-605. Flow is then directed to Loops A, B and C cold legs.

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**ERDADS DATA POINT DESCRIPTIONS**

<b>POINT DESCRIPTION</b>	<b>PT ID</b>	<b>POINT NAME</b>	<b>TYPE CALCULATION</b>	<b>NOTES</b>
HHSI Flow to Bit to Cold Legs	452	FT943		FT943 measures HHSI flow to loops A, B and C cold legs. HHSI is provided by two electrically driven pumps. The water supply is the respective unit's RWST (322K gls). The discharge of each pump is directed to its own header. Note: The Unit 3 and 4 RWST and discharge headers are normally cross-connected.
Containment Temperature	769	CTMTVTMP-3	Average	The containment temperature is the average of three channels (TE6700, TE6701, and TE6702). Each channel uses a 200 ohm platinum RTD. All channels are located on the 58 ft. elevation at 120 degree intervals. TE6700 is near the B normal containment cooler, TE6701 is near the 3C normal containment cooler, and TE6702 is near the 3C emergency containment filters.
Containment Pressure	880			Note: Code chooses between current low or high range instrument values.
Containment Pressure	865			Note: Code chooses between current low or high range instrument values.
CTMT Hydrogen Concentration	788	CTMTG2CONC-3	Highest	Two channels of instrumentation are provided. The highest of which is being reported. A % hydrogen signal is developed by comparing the thermal conductivity of reference sample with the conductivity of a sample after removing any hydrogen. The system provides a high hydrogen alarm at 7.5%, low and high cell failure, calibration gas low pressure, reagent gas low pressure and low analyzer flow alarms.
Steam Gen. A Wide Range Level	375	LT477-3		The wide range instrument provides for 515 inches of level indication. This is equivalent to 750 gallons at 0% level and 27500 gallons at 100% level. The conversion from % to gallons is (0 to 51.9%, each % = 187.5 gls); (52 to 72.9%, each % = 273.8 gls); (73 to 100%, each % = 416.6 gls). Note: This instrument is cold calibrated.

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**ERDADS DATA POINT DESCRIPTIONS**

<b>POINT DESCRIPTION</b>	<b>PT ID</b>	<b>POINT NAME</b>	<b>TYPE CALCULATION</b>	<b>NOTES</b>
Steam Gen B Wide Range Level	379	LT487-3		The wide range instrument provides for 516 inches of level indication. This is equivalent to 750 gls at 0% level and 27500 gls. at 100% level. The conversion from % to gallons is (0 to 51.9%, each % = 187.5 gls); (52 to 72.9%, each % = 273.8 gls); (73 to 100%, each % = 416.6 gls). Note: This instrument is cold calibrated.
Steam Gen. C Wide Range Level	383	LT497-3		This wide range instrument provides for 516 inches of level indication. This is equivalent to 750 gls at 0% level and 27500 gls at 100% level. The conversion from % to gallons is (0 to 51.9%, each % = 187.5 gls); (52 to 72.9%, each % = 273.8 gls); (73 to 100%, each % = 416.6 gls). Note: This instrument is cold calibrated.
Steam Generator Pressure A	806	SGA-AVPRES-3	Average	The S/G pressure is an average calculated by the redundant sensor algorithm. At least two channels must agree within 120 psi of the calculated rejection value for a valid output. The sensing line for S/G pressure is located on the steam header on the S/G side of the MSIVs. These channels provide for the steam break ESFAS at (S/G press) = 1000 psi of (Header Press) (2/3 for 1/3 S/G) and low S/G pressure ESFAS at = 614 psi (2/3 S/G on protection set one only). Note: S/G press provides compensation to the steam flow channels.
Steam Gen. Pressure B	808	SGB-AVPRES-3	Average	The S/G pressure is an average calculated by the redundant sensor algorithm. At least two channels must agree within 120 psi of the calculated rejection value for a valid output. The sensing line for S/G pressure is located on the steam header on the S/G side of the MSIVs. These channels provide for the steam break ESFAS at (S/G press) = 1000 psi of (Header Press) (2/3 for 1/3 S/G) and low S/G pressure ESFAS at = 614 psi (2/3 S/G on protection set one only). Note: S/G press provides compensation to the steam flow channels.

**ENCLOSURE 4**  
(Page 6 of 8)

**ERDADS DATA POINT DESCRIPTIONS**

POINT DESCRIPTION	PT ID	POINT NAME	TYPE CALCULATION	NOTES
Steam Generator Pressure C	810	SGC-AVPRES-3	Average	The S/G pressure is an average calculated by the redundant sensor algorithm. At least two channels must agree within 120 psi of the calculated rejection value for a valid output. The sensing line for S/G pressure is located on the steam header on the S/G side of the MSIVs. These channels provide for the steam break ESFAS at (S/G press) = 1000 psi of (Header Press) (2/3 for 1/3 S/G) and low S/G pressure ESFAS at = 614 psi (2/3 S/G on protection set one only). Note: S/G press provides compensation to the steam flow channels.
Containment Radiation (WR)	790	CTMHRADW-3	Highest	CTMHRADW is the highest of the two input channels RAD6311A and RAD6311B. Both channels used ion chamber detectors. RAD6311 is located inside containment on the 25 ft elevation near the personnel hatch. RAD6311B is located at about the 64 ft. elevation of the S/G shield wall near the pressurizer arms channel R-2. These channels have two high alarm setpoints. On a high alarm, an annunciator will be actuated.
Refueling Water Tank Level	844	RWSTLOLVL-3	Lowest	Each RWST level loop consists of a Rosemount DP transmitter and Foxboro modules to provide alarm and indication functions. Alarms provided are: low-low level at 60,000 gallons, low level at 155,000 gallons. Tech Spec level at 322,000 gallons, and high level at 333,000 gallons.

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**ERDADS DATA POINT DESCRIPTIONS**

<b>POINT DESCRIPTION</b>	<b>PT ID</b>	<b>POINT NAME</b>	<b>TYPE CALCULATION</b>	<b>NOTES</b>
Aux-Feedwater Flow A SG	821	SGAFWFLO-3	Sum	The AFW flow is the sum of trains one and two for each S/G. The aux feed is supplied by three steam driven pumps which discharge to two redundant trains. Each train supplies flow to both units and may feed any of the S/Gs. Administratively Pump A is aligned to Train one Pump B and C to Train two. The condensate storage tanks (250K gls ea) are the normal supply to the Aux Feed System.
Aux Feedwater Flow B SG	824	SGBAFWFLO-3	Sum	The AFW flow is the sum of trains one and two for each S/G. The aux feed is supplied by three steam driven pumps which discharge to two redundant trains. Each train supplies flow to both units and may feed any of the S/Gs. Administratively pump A is aligned to Train one; Pumps B and C to Train two. The condensate storage tanks (250K gls ea) are the normal supply to the Aux Feed System.
Aux Feedwater Flow C SG	827	SGCAFWFLO-3	Sum	The AFW flow is the sum of trains one and two for each S/G. The aux feed is supplied by three steam driven pumps which discharge to two redundant trains. Each train supplies flow to both units and may feed any of the S/Gs. Administratively Pump A is aligned to train one, Pump B and C to train two. The condensate storage tanks (250K gls. ea.) are the normal supply to the Aux Feed System.

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**ERDADS DATA POINT DESCRIPTIONS**

<b>POINT DESCRIPTION</b>	<b>PT ID</b>	<b>POINT NAME</b>	<b>TYPE CALCULATION</b>	<b>NOTES</b>
Condensate Storage Tank Level	843	CSTLOGAL-3	Minimum	Lowest of the two tank level transmitters is used.
Stm Dump to ATMOS Stm Gen A	630	CV1606		Valve stem contact switch provides for a closed or not closed indication.
Stm Dump to ATMOS Stm G B	631	CV1607		
Stm Dump to ATMOS Stm G C	600	CV1608		
Pressurizer PORV from PT444	H20	PCV455C		Valve position is calculated from current status of the two valve position switches. Calculation will give one of four results based on the two input switches. Positions given are: Failed, Open, Closed, and Throttled.
Pressurizer PORV from PT445	H21	PCV456		

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**ENCLOSURE 5**  
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**GUIDELINES ON BRIEFING THE MEDIA**

Information should be verified for accuracy prior to being released to the media.

Acronyms and **power plant** terminology should not be used during media briefings.

Media briefings should be held at set times whenever possible. If they are to be delayed, a courtesy announcement should be provided to the media.

EIM and PIOs should attend the briefing for the entire duration. If they must be excused, an explanation should be given to limit media confusion.

If press releases are passed out in a briefing, they should be addressed and explained to the media.

Conferring amongst the EIM, ECO, and PIOs while in front of the media is distracting and should be avoided.

Know what your main messages are before the briefing and emphasize their importance during your delivery.

Stick to the agenda; maintain control.

Try to begin and end the interview with a summary of your main message.

Try not to use phrases such as **That's a good question**, or **I'm glad you asked that** unless you need a few seconds to compose an answer.

Simplify technical explanations; try to relay the message in laymans terms.

Don't refer to the competition, even when asked. Speak only for your company or organization. If the story concerns an interview about your industry at-large, be certain you are the proper person to comment.

If you must own up to unfavorable facts, acknowledge them in a gracious, fair manner, such as, **Certainly there are instances of unethical behavior in every profession**, then quickly move on.

Do respond in a sincere, direct and cooperative manner.

Keep it short and keep it simple.

Listen carefully to the question; if it's negative, answer in the positive whenever possible.

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**ENCLOSURE 5**  
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**GUIDELINES ON BRIEFING THE MEDIA**

Back up a claim you make with facts and stick to the facts.

Speak from the viewpoint of the public's interest.

When necessary, say **I don't know, but I'll try to find out for you.**

Be aware that everything you say is subject to being quoted – before, during and after your interview or news conference.

Do not speculate; never guess; avoid **what if** questions.

Don't talk **off the record**, there is no such thing.

Don't argue, get angry, ramble, joke or act superior.

Don't use the term **no comment**, offer a brief explanation, if appropriate, such as: **that hasn't been determined, or we don't disclose that kind of information** (i.e., customer or employee specific information).

Don't try to fool a reporter or indicate you know something you don't; be honest.

Avoid calling a reporter by name in a news conference that's being taped; it may keep competing broadcasters from using your answer.



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**ATTACHMENT 1  
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**FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM**

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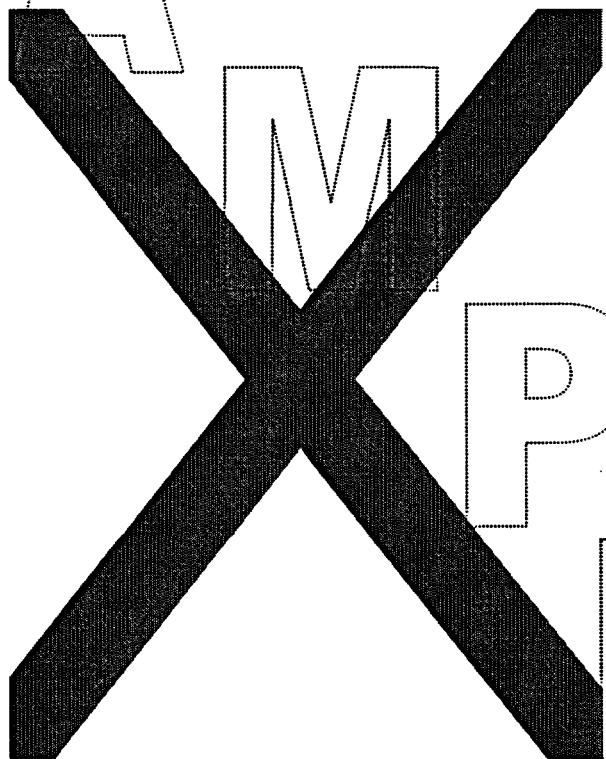
**ATTACHMENT 1**

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**FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM**

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ATTACHMENT 1  
(Page 3 of 3)FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM  
METEOROLOGICAL WORKSHEET

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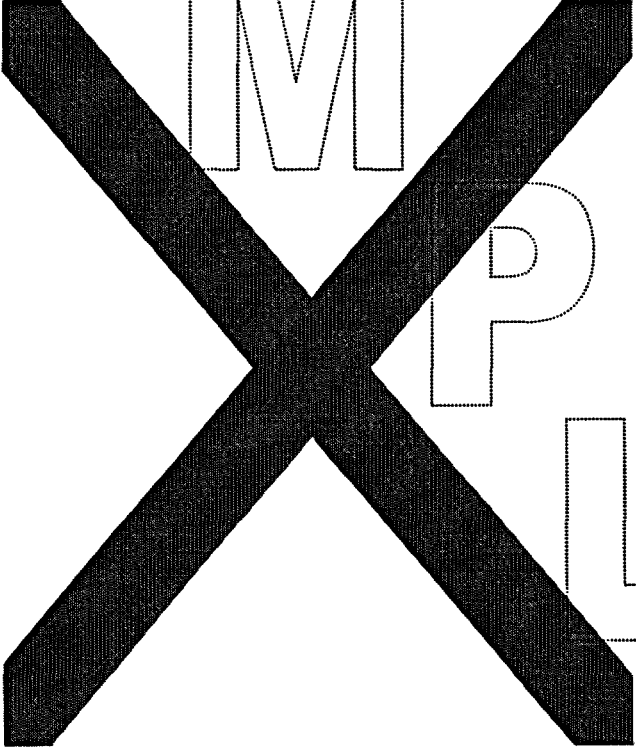
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**ATTACHMENT 2  
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**EVENT NOTIFICATION WORKSHEET**

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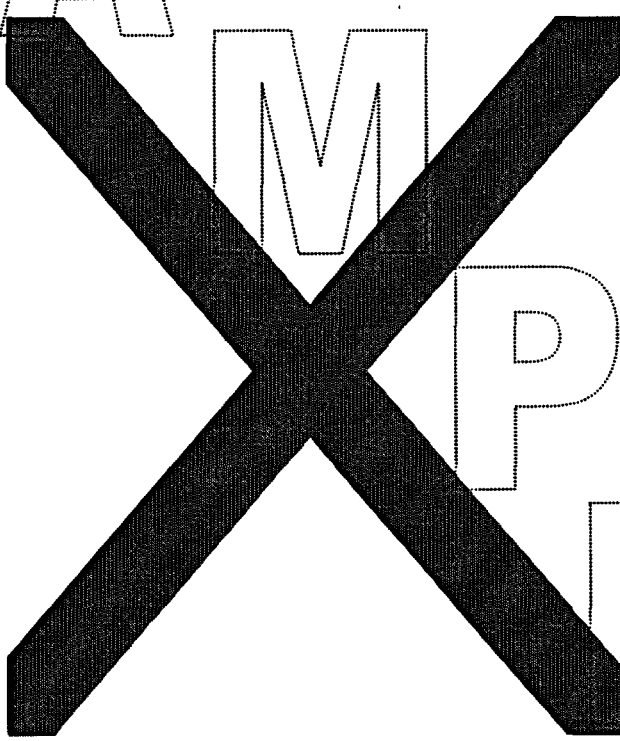
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**ATTACHMENT 2  
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**EVENT NOTIFICATION WORKSHEET**

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**ATTACHMENT 3**  
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**INJURED PERSON REPORT**

Name:		Employer: <input type="checkbox"/> FPL <input type="checkbox"/> OTHER (LIST COMPANY NAME)		JOB DESCRIPTION:
TIME INJURED:	TIME REPORTED:	NATURE OF INJURY:		LOCATION WHERE INJURY OCCURRED:
IS THE VICTIM CONTAMINATED?  <input type="checkbox"/> NO <input type="checkbox"/> YES	WHAT BODY PARTS CONTAMINATED?	Level of Contamination	AREA _____ LEVEL _____ DPM _____ CPM _____ AREA _____ LEVEL _____ DPM _____ CPM _____ AREA _____ LEVEL _____ DPM _____ CPM _____	
TRANSPORTED TO HOSPITAL?  <input type="checkbox"/> NO <input type="checkbox"/> YES	HOW TRANSPORTED?	NAME OF HOSPITAL OR OTHER LOCATION		
ACTIVITY AT THE TIME INJURY OCCURRED		CURRENT MEDICAL CONDITION		
MISC. INFO				

Name:		Employer: <input type="checkbox"/> FPL <input type="checkbox"/> OTHER (LIST COMPANY NAME)		JOB DESCRIPTION:
TIME INJURED:	TIME REPORTED:	NATURE OF INJURY:		LOCATION WHERE INJURY OCCURRED:
IS THE VICTIM CONTAMINATED?  <input type="checkbox"/> NO <input type="checkbox"/> YES	WHAT BODY PARTS CONTAMINATED?	Level of Contamination	AREA _____ LEVEL _____ DPM _____ CPM _____ AREA _____ LEVEL _____ DPM _____ CPM _____ AREA _____ LEVEL _____ DPM _____ CPM _____	
TRANSPORTED TO HOSPITAL?  <input type="checkbox"/> NO <input type="checkbox"/> YES	HOW TRANSPORTED?	NAME OF HOSPITAL OR OTHER LOCATION		
ACTIVITY AT THE TIME INJURY OCCURRED		CURRENT MEDICAL CONDITION		
MISC. INFO				

**ATTACHMENT 4  
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**EMERGENCY PLAN SECURITY CHECKLIST**

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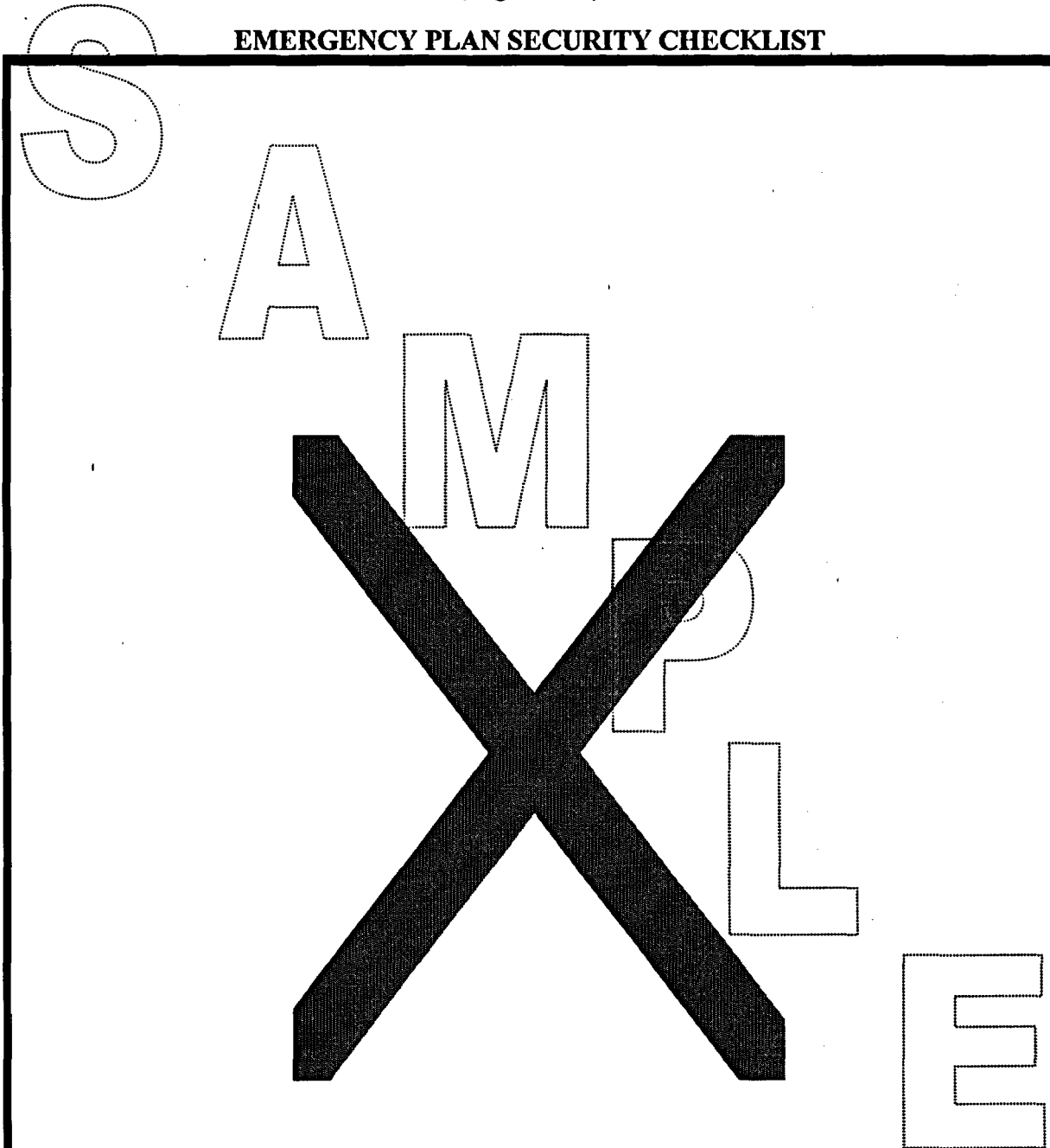
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**EMERGENCY PLAN SECURITY CHECKLIST**





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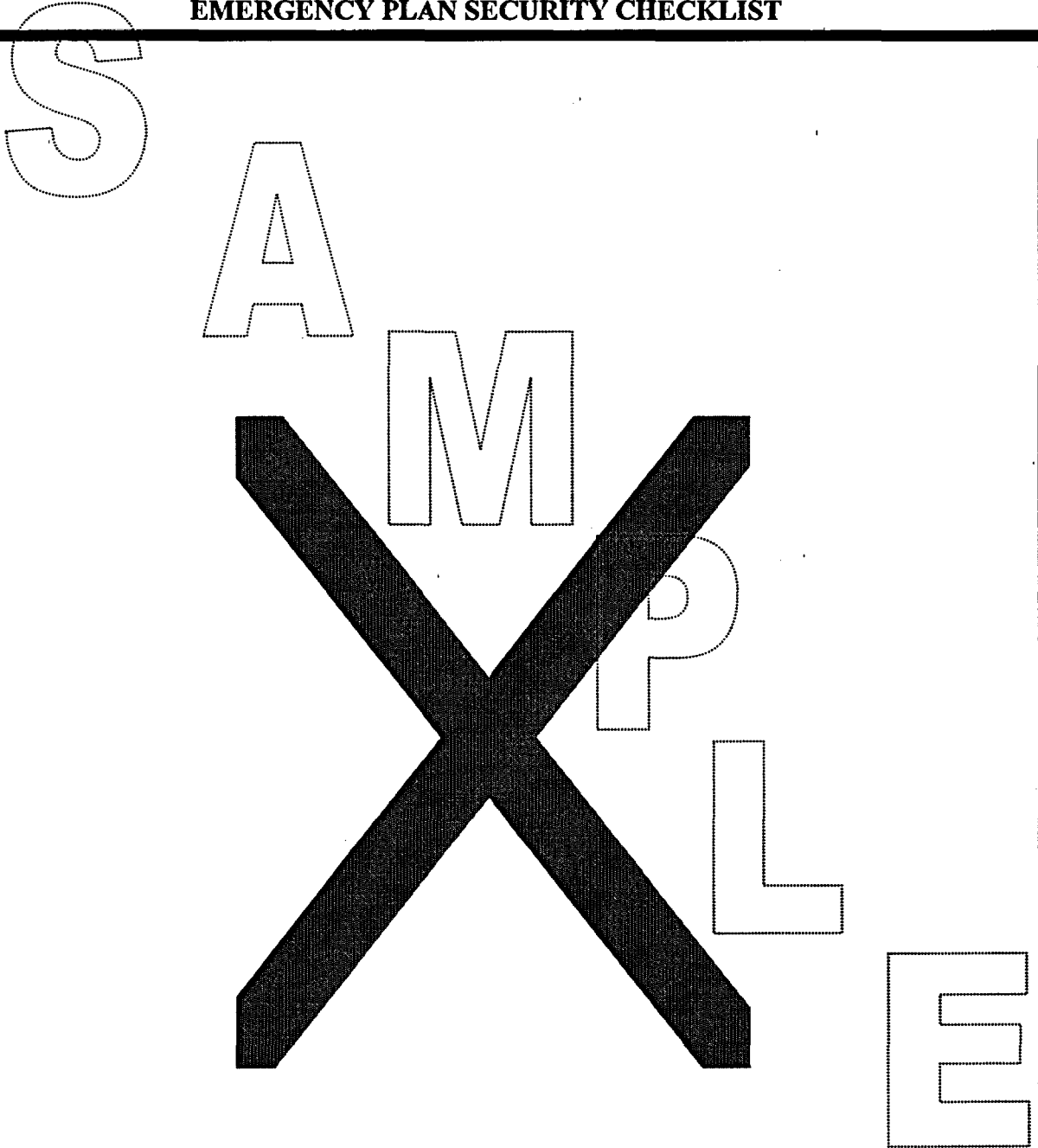
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**EMERGENCY PLAN SECURITY CHECKLIST**



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**ATTACHMENT 5**  
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**ENGINEERING TECHNICAL RESPONSE WORKSHEET**

TO: \_\_\_\_\_

<b>SUBJECT</b>	
<b>DATE &amp; TIME RECEIVED</b>	<b>REQUESTER</b>
<b>REQUEST</b>	
<b>RESPONSE</b>	
<div><div>BY</div><div>CHECKED</div><div>EMERGENCY TECHNICAL MANAGER</div><div>DATE &amp; TIME:</div></div>	

**ATTACHMENT 6**  
 (Page 1 of 1)

**EOF ACCESS LOG**

Day of Week	Month	Day	Year				Sheet # of
TIME IN	TIME OUT (optional)	PRINT NAME	DEPARTMENT OR COMPANY	ERO POSITION OR COMPANY TITLE	ARE YOU FIT FOR DUTY?***		
					Yes	No	Initial

\*\*\* If you have consumed alcohol within the past 5 hours, ensure Emergency Security Manager is promptly informed of your status.

**0-EPIP-1212**

## Emergency Operations Facility (EOF) Activation and Operation

**ATTACHMENT 7**

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## FIELD MONITORING AND PLUME PROJECTION RESULTS

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## ATTACHMENT 7

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### FIELD MONITORING AND PLUME PROJECTION RESULTS

Guidance for Completing the FIELD MONITORING AND PLUME PROJECTION RESULTS FORM

SAMPLE TIME – Time of sample acquisition

SURVEY TEAM – FPL teams, team named by TSC

SAMPLE SITE DATA – Location of sampling activities

REFERENCE LOCATION - Used only if at a **pre identified** location; those locations on the survey maps

MILES FROM PLANT – Best approximation from map; plant to survey location

DIRECTION FROM PLANT – Compass degrees from plant to survey location

DOWNWIND DIRECTION – The indicated, at plant, downwind direction at the time of sampling

(the difference between direction from plant and downwind direction yields a **relative to centerline distance**)

#### FIELD SURVEY RESULTS

- Plume (DDE) mR/Hr - Team will report the Deep Dose Equivalent (DDE) meter reading
- I uCi/cc Team reports Iodine – 131 concentration
- Thyroid (DCE) mRem/Hr – Team reports thyroid dose rate
- CL – Enter Y if the team is on the **centerline**, i.e., the direction from plant = downwind direction

#### PLUME PROJECITONS –

Determine the printout to be used for comparison as follows:

- a. Divide the field Monitoring Team MILES FROM PLANT by the average wind speed, answer is **hours**
- b. Subtract the **hours** from the actual SAMPLE TIME, this estimates the release **time of day** for the portion of the plume being sampled.
- c. Select the latest printout that has a release **Observation** time before the estimated **time of day**
- d. From that printout, Enter the plume DDE, Thyroid CDE and printout #
- e. Enter the **average** wind speed used above for WIND M.P.H.

RATIO – i. **IF** the team sampled centerline at 1, 2, 5, 7.5, 10, 15, 20, 25 miles **OR** at a predesignated sampling location, **THEN** the ratios are the Team Values divided by the Printout Values.

ii. **IF** the team is **off centerline** (e.g., **left or right**) **THEN** a centerline value may be estimated using Relationship 2. (1609 meters = 1 mile)

iii. **IF** the team is not at one of the distances noted in i, above, **THEN** a value at one of those distances may be estimated using Relationship 1.

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## ATTACHMENT 7

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### FIELD MONITORING AND PLUME PROJECTION RESULTS

#### 1. Action

ACTION RESPONSES – NOTIFY HPM	Possible Classification
<ul style="list-style-type: none"> <li>Field measured results are &gt;2 times or &lt; 1/2 projected</li> <li>≥0.5 mR/hr DDE or Thy. (CDE) at 1 mile site boundary</li> <li>&gt;50 mR/hr DDE or &gt;250 mRem/hr Thy. (CDE) for release &gt;1/2 hr., or</li> <li>&gt;500 mR/hr DDE or &gt;2500 mRem/hr Thy. (CDE) for release &gt;2 min.</li> <li>&gt;1 R/hr DDE or &gt;5 Rem/hr Thy. (CDE) at 1 mile site boundary</li> </ul>	Alert  Site Area Emergency General Emergency
(SOURCE – RADIOLOGICAL EMERGENCY PLAN)	
Allowable Field Team Dose – 3 R DDE, 25 Rem Thyroid (CDE)	(Source – 0-EPIP-20129)
Dose Conversion – Field Measured I-131 μCi/cc x 1.72 E9 =	Estimated Thy Dose rate mRem/hr. (SOURCE – 0-EPIP-20129, Enclosure 4)

Relationship #1	Estimating Dose from Field Samples	Relationship 2
Dose at different distance from Plant		Dose at distance from CenterLine
Estimated Dose = Given Dose • $\left[ \frac{\text{Given Dose Distance}}{\text{Estimated Dose Distance}} \right]^X$  Where: $\frac{X}{\text{Stability Class}}$ 2.0     A or B 1.5     C or D 1.0     E or F  (SOURCE – EPA 520/1-75-001-a Rev 10/91)		$\text{Off CenterLine Dose Value} = \text{CenterLine Dose Value} \cdot e^{-1/2 \left( \frac{y^2}{\sigma_y^2} \right)}$  Where: y = distance off CenterLine (m) σ <sub>y</sub> = value from table in Source reference (m) Graph on next page  (SOURCE – Meteorology and Atomic Energy 1968, D.G. Slade)

Sector Distances	
Sectors = 22.5°	
1 mile = 5280 ft. or 1609 meters	
Circle Radius (Miles)	Sector Arc Length (feet / meters)
0.5	1037/316
1	2073/632
2	4146/1264
3	6219/1896
4	8292/2528
5	10365/3160

## ATTACHMENT 7

(Page 4 of 4)

## FIELD MONITORING AND PLUME PROJECTION RESULTS

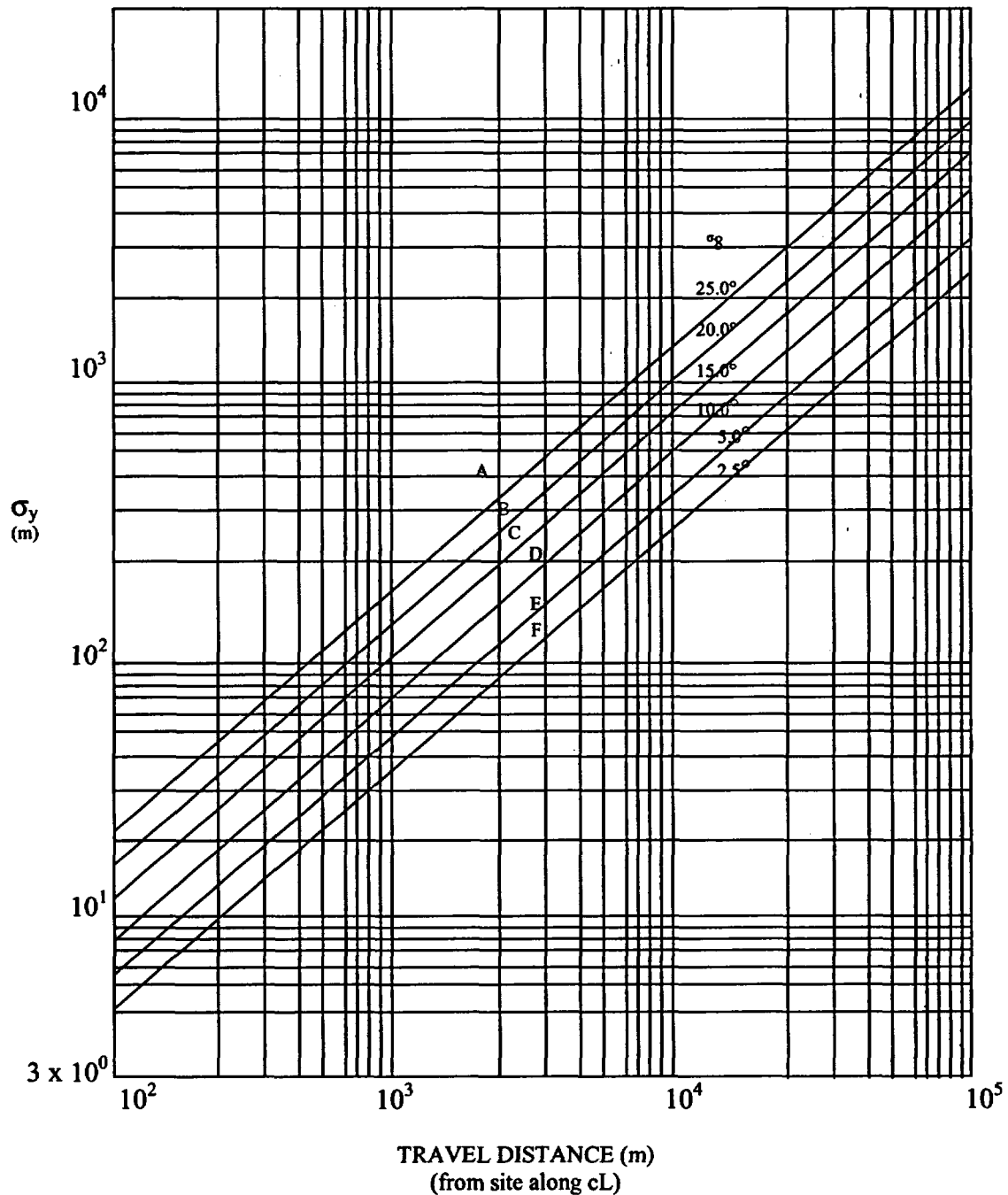


Fig. A.2 – Standard deviation of the lateral concentration distribution,  $\sigma_y$ , as a function of travel distance from a continuous source. A – F are Pasquill's diffusion categories.

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**ATTACHMENT 8**  
(Page 1 of 1)

**EOF FIRST RESPONDER  
CHECK-OFF SHEET**

**Facility Activation:**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Turn lights on to the facility using the light switches located on the left wall.
- ☐ Sign in on the EOF Access Log (or a form similar to Attachment 6) and indicate FFD Status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Report to your work area and proceed with any additional activation steps outlined in this procedure applicable to your emergency response position.
  - a. Consult Figures 1 and 2 for directions to and layout of the EOF, as necessary.
  - b. The Turkey Point EOF is on the fifth floor of the General Office Building located at 9250 West Flagler Street in Miami.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_



**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 9  
(Page 1 of 3)**

**EMERGENCY SECURITY MANAGER (ESM)  
AND SECURITY PERSONNEL  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**CAUTION**

*Security must perform a security sweep of the EOF and should be dispatched as soon as possible to the facility.*

**NOTE**

*EOF personnel already in place should not be impacted or impeded by security check-in process.*

- ☐ The Emergency Security Manager should notify General Office (G.O.) Security Operations of activation of the EOF and the ENC, if necessary.
- ☐ a. The Emergency Security Manager should notify G.O. Security Operations that any individual presenting a valid state, county, or NRC ID, be granted access for the duration of the event.
- Upon arriving at the EOF, the ESM shall ensure the following is performed:
- ☐ a. Sign in on the EOF Access Log, indicate FFD status, and ensure that security support personnel have signed in and indicated FFD status.
- ☐ b. Sign in on the EOF Staff Accountability Board and ensure that security personnel have signed in.
- ☐ c. Ensure controlled procedures are retrieved and used.
- ☐ d. Ensure security sweep of the EOF has been performed or is in progress.
- ☐ e. Ensure Intoxilizer has been turned on and calibration has been performed and calibration date is current.

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 9  
(Page 2 of 3)****EMERGENCY SECURITY MANAGER (ESM)  
AND SECURITY PERSONNEL  
CHECK-OFF SHEET****Facility Activation (Cont'd)****CAUTION**

***Security controls in the EOF should be established in a manner that will minimize the impact on responders activating the EOF.***

- ☐ f. Set up security checkpoint at the EOF entrance.
- ☐ (1) Verify that responders to the EOF are presenting valid IDs or are listed in the ERD.
- ☐ (2) Verify that no media personnel are allowed to access the EOF.
- ☐ (3) Verify that individuals are signing in on the EOF Access Log.
- ☐ (4) Verify that Fitness for Duty screening requirements are being performed, as necessary.
- ☐ (5) Verify that responders are signing in on the EOF Staff Accountability Board.
- ☐ g. Ensure that an additional table is set up at the G.O. South employee entrance to process off-site agency EOF and ENC responders.
- ☐ h. Ensure communication capability with the TSC Security Supervisor and Local Law Enforcement Agencies (LLEA) is available.
- ☐ i. Ensure requirements for granting prompt access for NRC Event Team responders to the TSC/EOF have been initiated as necessary.
- ☐ j. Obtain an update from the TSC Security Supervisor.
- ☐ (1) Discuss alternate routes for accessing the site as necessary.
- ☐ Inform the Recovery Manager that activation steps have been completed.

# Emergency Operations Facility (EOF) Activation and Operation

## ATTACHMENT 9 (Page 3 of 3)

### EMERGENCY SECURITY MANAGER (ESM) AND SECURITY PERSONNEL CHECK-OFF SHEET

#### Facility Operation (Cont'd)

- ☐ Supervise and maintain security in the EOF and ENC.
- ☐ a. Ensure that measures are in place to verify that only authorized personnel are allowed into the EOF.
- ☐ b. Ensure that all EOF responders are logging in on the EOF Access Log and indicating their FFD status.
- ☐ c. Ensure that press is not allowed to leave the ENC Auditorium and Press Phone Area.
- ☐ Ensure that provisions for Fitness For Duty inquiry and testing are maintained in the EOF in accordance with Nuclear Division policies and Security Instructions.

#### NOTE

*Phone numbers for LLEAs are listed in the ERD.*

Provide liaison between LLEAs and the Site to address coordination needs including:

- ☐ a. Request for bomb squads or law enforcement to address terrorist activities or civil unrest.
- ☐ b. Alerting law enforcement of press or curious public near the plant site.
- ☐ c. Coordination of access for fire/emergency medical vehicles and plant emergency responders.
- ☐ d. Status of traffic flow leaving site if a site evacuation is ordered.
- ☐ Ensure that requirements for granting prompt access for NRC responders to the TSC/EOF have been completed.
- ☐ Using Attachment 4, record actions taken in accordance with this procedure.
- ☐ Maintain status of injured or injured/contaminated individuals once they have been transferred from the site to an off-site medical facility using a form similar to Attachment 3.
- ☐ Inform the Recovery Manager of security issues as they occur.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 10  
(Page 1 of 3)**

**EOF SUPERVISOR OR DESIGNEE  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log, indicate FFD status, and ensure EOF Supervisor staff sign in and indicate FFD status upon entry.
- ☐ a. RM Operations Advisor
- ☐ b. Tech Assistant to the RM
- ☐ c. State/County Communicator
- ☐ d. ENS Communicator
- ☐ e. ERDADS Operator
- ☐ f. TSC Communicator
- ☐ g. Administrative Supervisor
- ☐ h. Administrative Staff
- ☐ i. Status Board Keeper
- ☐ Sign in on the EOF Staff Accountability Board and ensure EOF Supervisor staff sign in upon entry and begin performing activation steps.
- ☐ Ensure all facility personnel sign in on the EOF Staff Accountability Board.
- ☐ Ensure the steps outlined in Subsection 5.1, the First Emergency Responder Section of this procedure, have been completed.

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**ATTACHMENT 10**  
(Page 2 of 3)

**EOF SUPERVISOR OR DESIGNEE  
CHECK-OFF SHEET**

**Facility Activation (Cont'd)**

**NOTES**

- *Qualified personnel who normally fill other positions may be used in minimum staff positions with required functions (i.e., notification/communication) to facilitate fastest possible operability of the EOF. Reference Enclosure 1 of 0-EPIP-1102, Duties of the Recovery Manager.*
- *The positions marked in red on the EOF Staff Accountability Board indicate the minimum number of personnel and positions required for EOF activation.*

Ensure the following EOF positions have been filled to satisfy minimum staffing requirements prior to the RM declaring the EOF operational.

- ☐ a. Recovery Manager
- ☐ b. RM Operations Advisor
- ☐ c. Hot Ring Down Communicator
- ☐ d. Dose Assessment Coordinators (2)
- ☐ e. ERDADS Operator or TSC Communicator
- ☐ Take actions to fill position vacancies within the EOF.
- ☐ Verify with the State and County Personnel that their equipment in the EOF (phones, faxes, etc.) is functional.
- ☐ For Alert, Site Area Emergency or General Emergency, ensure Risk Management notifies American Nuclear Insurers (ANI).
- ☐ Inform the Recovery Manager that your activation steps have been completed.

# Emergency Operations Facility (EOF) Activation and Operation

## ATTACHMENT 10 (Page 3 of 3)

### EOF SUPERVISOR OR DESIGNEE CHECK-OFF SHEET

#### Facility Operation

#### NOTE

*Communication links should not be left unattended.*

☐ Verify operability of communication and notification links (HRD, ENS, etc.)

☐ Verify timeliness of notifications via HRD, ENS, etc.

#### NOTE

*Status boards should be updated approximately every 15 minutes or as necessary.*

☐ Ensure the Plant Parameter Status Board is maintained with current data.

☐ Ensure the Sequence of Events Status Board is maintained with current information.

☐ Ensure distributions are performed through the EOF Administrative Supervisor using Enclosure 3 as guidance.

☐ Discuss with the RM the need to halt deliveries to the site (major equipment deliveries, mail, etc.).

☐ a. As necessary, make contacts to halt deliveries.

☐ Periodically check with the State and county personnel on the adequacy and operability of their equipment in the EOF (phones, faxes, etc.)

☐ Resolve equipment and assessment capability problems.

☐ Contact additional support as needed.

☐ Schedule long term staffing as necessary.

☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 11  
(Page 1 of 1)**

**RM OPERATIONS ADVISOR  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Obtain copies of the PAR Discussion Items Form from 0-EPIP-1102, Duties of the Recovery Manager, and begin filling out the form for the initial RM update.
- ☐ Ascertain plant status from the EOF TSC Communicator, TV System, or other available source.
- ☐ Log on computer and open lan based ERDADS/R-Time. Display E-D-3 Screen.
- ☐ Ensure Plant Equipment/ERDADS Board Projector is turned on.
- ☐ Inform the RM that you have completed your activation steps.

**Facility Operation:**

- ☐ Provide updates to the RM using the PAR Discussion Items Form from 0-EPIP-1102, Duties of the Recovery Manager, approximately every 45 minutes or upon significant changes.
- ☐ Follow plant status using the EOF TSC Communicator, TV System, or other available source.
- ☐ Remain current with emergency classification status and ensure current classification is posted.
- ☐ Ensure the RM is aware of and updates the state and counties on the status of site evacuation and owner controlled area clearing progress as appropriate.
- ☐ Routinely review EOPs progress with the RM, as necessary.
- ☐ Assume the duties of the RM while the RM is conducting briefings, as necessary.
- ☐ Assist the RM in preparing for briefings, as necessary.
- ☐ Provide operations/plant status during briefings, as necessary.
- ☐ Maintain the RM logbook.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 12  
(Page 1 of 1)**

**TECHNICAL ASSISTANT TO THE RM  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Determine present and potential future Emergency Action Level Status.
- ☐ Ensure last notifications to off-site agencies correctly portrayed present situation.
- ☐ Assist State/County Communicator with the completion of state notification forms, as necessary.
- ☐ Acquire 0-EPIP-1102, Duties of the Recovery Manager, ensure completion of all applicable steps and inform the Recovery Manager of the status.
- ☐ Inform the Recovery Manager that you have completed your activation steps.

**Facility Operation**

- ☐ Ensure all applicable steps of 0-EPIP-1102, Duties of the Recovery Manager, are completed.
- ☐ Update the 10-mile EPZ map with Protective Actions issued.
- ☐ Ensure the Plant Parameter Status Board and Sequence of Events Board accurately reflect the event.
- ☐ Assist the RM in preparing for briefings, as necessary.
- ☐ Provide operations / plant status during briefings, as necessary.
- ☐ Assume the duties of the RM while the RM is conducting briefings, as necessary.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_



**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 13  
(Page 1 of 2)**

**STATE/COUNTY COMMUNICATOR  
CHECK-OFF SHEET**

**Facility Activation/Operation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

☐

Sign in on the EOF Access Log and indicate FFD status.

☐

Sign in on the EOF Accountability Board.

**CAUTIONS**

- *Notification to the State Warning Point is required within 15 minutes of an emergency classification.*
- *Collection of Release Rate Data shall not delay State of Florida notification.*
- *If a transitory event has occurred, notifications are still required using this procedure.*
- *Every hour, unless upon termination, or as conditions change (PARs, classification, significant plant conditions) notifications should be made.*

**NOTE**

*If during the notification process, it becomes necessary to upgrade the emergency classification:*

- *Ensure that the State warning Point has been notified of the Emergency Declaration within 15 minutes of making the initial classification.*
- *Stop the current notification process, and*
- *Proceed to the steps corresponding to the new emergency classification, including notification of the new classification to the State Warning Point.*

☐

Acquire copies of the Florida Nuclear Plant Emergency Notification Form (similar to Attachment 1).

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 13  
(Page 2 of 2)**

**STATE/COUNTY COMMUNICATOR  
CHECK-OFF SHEET**

**Facility Activation/Operation (Cont'd)**

**NOTE**

*Notification forms should be filled out as neatly and completely as possible. Abbreviations should not be used.*

Obtain a turnover from the TSC State/County Communicator to include the following:

☐

a. Time of official notification and/or time of last update

☐

b. Delegation of future notifications

☐

c. Fax of previous Florida Nuclear Plant Emergency Notification Forms, if applicable.

☐

Complete a form similar to Attachment 1.

☐

a. Obtain Recovery Manager approval prior to transmitting the information.

☐

If the State and county representatives are not in the EOF, transmit the information over the Hot Ring Down System or Backup System, as required.

☐

If the State and County Representatives are in the EOF, 15 minute notifications should be met by transmitting the form through direct contact with the State Representative.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 14  
(Page 1 of 2)  
EMERGENCY NOTIFICATION SYSTEM  
(ENS) COMMUNICATOR  
CHECK-OFF SHEET**

**Facility Activation/Operation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

☐ Sign in on the EOF Access Log and indicate FFD status.

☐ Sign in on the EOF Accountability Board.

**CAUTIONS**

- *Notification to the NRCOC is required immediately following a State Notification and within one hour of the emergency declaration.*
- *Collection of Release rate data shall not delay NRC notification.*
- *If a transitory event has occurred, notifications are still required using this procedure.*

☐ Obtain copies of the Event Notification Worksheet Form (form similar to Attachment 2).

Obtain a turnover from the TSC ENS Communicator to include the following:

- ☐ a. Time of official notification and/or time of last update
- ☐ b. Delegation of future notifications.
- ☐ c. Fax of previous Event Notification Worksheets Form (form similar to Attachment 2), if applicable.
- ☐ d. Status of the ERDS link to the NRC and whether the NRC has been informed the link is in place.

**NOTE**

*Notification forms should be filled out as neatly and completely as possible. Abbreviations should not be used.*

If a continuous line of communication has not been established with the NRC, then perform the following:

- ☐ a. Every hour complete a form similar to Attachment 2, unless less frequent updates are agreed to, upon termination, or as conditions change (PARs, classification, significant plant conditions).

0-EPIP-1212

**Emergency Operations Facility (EOF)  
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**ATTACHMENT 14  
(Page 2 of 2)****EMERGENCY NOTIFICATION SYSTEM  
(ENS) COMMUNICATOR  
CHECK-OFF SHEET****Facility Activation/Operation (Cont'd)**

- ☐ b. Obtain Recovery Manager approval by having him/her review and initial the Event Notification Worksheet Form (form similar to Attachment 2).

**NOTE**

*The NRC may require a constant line of communication and both TSC and EOF may be requested to stay on the line.*

- ☐ c. Contact the NRCOC, as required, using the numbers on the phone (or in the Immediate Notification Section of the ERD).
- ☐ d. Provide the information on the form.
- ☐ e. If the ERDS link has been established and if not previously informed by the TSC, inform the NRC that the ERDS link is available.
- ☐ f. If the NRCOC does not require a constant line of communication, notifications to the NRCOC should be performed as required.
- ☐ Once a continuous line of communications has been established with the NRC, discontinue use of the form and record transmitted information and inquiries from the NRC in the logbook.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 15  
(Page 1 of 2)****ERDADS OPERATOR  
CHECK-OFF SHEET****Facility Activation****NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Accountability Board.
- Verify ERDADS operability:
  - ☐ a. Verify the displays indicate the correct unit.
    - ☐ (1) To change unit
      - ☐ (a) Press <CLEAR>
      - ☐ (b) Type PUP UNIT (3 or 4)
      - ☐ (c) Press <EXEC>
      - ☐ (d) **Unit Change Complete** message should appear.
  - ☐ b. Check that the following displays are available:
    - ☐ (1) Off-site Dose Radiological Data (R3/4)
    - ☐ (2) Emergency Plan Data (ED3/4)
    - ☐ (3) Environmental Trends (MC3/4ENV)
    - ☐ (4) Meteorological Parameter Verification (EP3/4ENV)
    - ☐ (5) PTN Status Unit ¾ (U3/4)
  - ☐ c. Check that the color plotter is operable.
  - ☐ d. Check that the two line printers are operable.

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**Emergency Operations Facility (EOF)  
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**ATTACHMENT 15  
(Page 2 of 2)****ERDADS OPERATOR  
CHECK-OFF SHEET****Facility Operation**

- ☐ Call up ERDADS information as requested.
- ☐ Provide printouts to the EOF Staff.
- ☐ Observe ERDADS data during intervals between report printing for significant changes and trends.
- ☐ Report changes to the RM or RM Ops Advisor.
- ☐ a. Assist EOF Communicators in collecting plant parameter and radiological data.
- ☐ b. Contact the TSC ERDADS operator to report the problem and request faxes, if necessary.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 16**  
(Page 1 of 1)

**TSC COMMUNICATOR  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Accountability Board.
- ☐ Establish communications with the TSC using the numbers in the ERD.
- ☐ Request fax copies of the Emergency Coordinator Log and provide to the EOF RM Operations Advisor.
- ☐ Obtain a turnover from the TSC EOF Communicator, including all events and activities that have occurred up to this point (request fax copies of the TSC Sequence of Events Board and the TSC Plant Parameters Status Board).
- ☐ Update the Sequence of Events Board with the turnover information.

**Facility Operation:**

- ☐ Maintain communications with the TSC.
- ☐ Update the Sequence of Events Board with current information.
- ☐ If ERDADS is out of service obtain plant status information through the phone in communication with the TSC

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

ATTACHMENT 17  
(Page 1 of 2)ADMINISTRATIVE SUPERVISOR  
CHECK-OFF SHEETFacility ActivationNOTE

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log, indicate FFD status, and ensure EOF Administrative staff sign in promptly and indicate FFD status upon entry.
- ☐ Sign in on the EOF Accountability Board and ensure EOF Administrative staff sign in and begin assisting with activation steps upon entry.
- ☐ Ensure the Simu-Fax is operable per Enclosure 2.

NOTE

*Due to humidity effects on paper, copy paper and fax paper should be changed out to avoid paper jams.*

- ☐ Copy machines in the Administrative Support and Dose Assessment areas have been turned on and are functional.
- ☐ Fax machines have been turned on and are operable.

NOTE

*If problems with video or audio exist, contact the TSC Site Corporate Communicator (phone number in ERD).*

- ☐ TV monitors have been turned on and video and audio of the TSC have been verified as operable.
- ☐ a. One TV should be viewing the TSC, the other should be viewing the ENC.
- ☐ Verify audibility of the speaker system throughout the EOF and adjust speakers as required.
- ☐ Synchronize all clocks in the facility using ERDADS time as official time.



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**ATTACHMENT 17**  
(Page 2 of 2)

**ADMINISTRATIVE SUPERVISOR  
CHECK-OFF SHEET**

**Facility Operation**

- ☐ Ensure correspondence is being faxed as necessary to the phone numbers programmed in the Simu-fax (also listed in the ERD, Section 5.0).
- ☐ Ensure distributions are performed as per Enclosure 3.
- ☐ Ensure minutes of formal briefings are taken to record pertinent information discussed.
- ☐ Ensure adequate measures are in place to meet personal needs such as food, water, etc. both at the EOF and the plant.
- ☐ Arrange hotel reservations and car rentals for incoming personnel as necessary.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

# Emergency Operations Facility (EOF) Activation and Operation

## ATTACHMENT 18 (Page 1 of 2) HEALTH PHYSICS MANAGER (HPM)/ DOSE ASSESSMENT COORDINATOR CHECK-OFF SHEET

### Facility Activation

#### NOTE

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log, indicate FFD status, and ensure all Dose Assessment Staff sign in and indicate FFD status upon entry.
- ☐ a. Dose Assessment Coordinators
- ☐ b. Dose Assessment Recorder
- ☐ c. Field Monitoring Coordinator
- ☐ d. Field Monitoring Recorder
- ☐ e. HPN Communicator
- ☐ Sign in on the EOF Staff Accountability Board and ensure all Dose Assessment Staff sign in upon entry and begin performing activation steps.

#### NOTE

*If current dose calculations from the TSC are available in the EOF, the performance of dose calculations by the EOF staff should not delay EOF activation.*

- ☐ Establish communications with the Dose Assessment personnel in the TSC and obtain an update on present or potential releases.
- ☐ Request copies of previously performed dose assessments from the TSC.
- ☐ Turn on the Dose Assessment Computer System and verify operability.
- ☐ a. Synchronize the date and time of the computer with ERDADS.
- ☐ Complete Class A Model QC check.
- ☐ Ensure off-site dose calculations are initiated in accordance with 0-EPIP-20126, Off-site Dose Calculations.
- ☐ Verify operability of the EOF Dose Assessment fax machine.
- ☐ Acquire copies of the PAR Discussion Items form from 0-EPIP-1102, Duties of the Recovery Manager, and provide updates to the Recovery Manager as requested.
- ☐ Inform the Recovery Manager that you have completed your activation steps.

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 18  
(Page 2 of 2)****HEALTH PHYSICS MANAGER (HPM)/  
DOSE ASSESSMENT COORDINATOR  
CHECK-OFF SHEET****Facility Operation**

- ☐ Ensure off-site dose calculations are being performed in accordance with 0-EPIP-20126, Off-Site Dose Calculations, in conjunction with the TSC.
- ☐ Obtain input data for the Class A model from ERDADS.
- ☐ Provide updates to the RM for the PAR Discussion Items Form approximately every 45 minutes or upon significant changes.
- ☐ Ensure Field teams are tracked and coordinated between the TSC and the DOH-BRC.
- ☐ Review/compare field monitoring results with dose calculations.
- ☐ Coordinate Dose Assessment with the TSC.
- ☐ Provide radiological information to support the ENC.
- ☐ Ensure adequate communication is provided via the HPN.
- ☐ Ensure status boards in the Dose Assessment Area are being updated by providing update information to the Dose Assessment Recorder.
- ☐ Assist the RM in preparing for briefings, as necessary.
- ☐ Provide radiological data in briefings, as necessary.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 19  
(Page 1 of 1)****DOSE ASSESSMENT RECORDER  
CHECK-OFF SHEET****Facility Activation****NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Report to the EOF HP Manager or Dose Assessment Coordinator for special instructions.

**Facility Operation:**

- ☐ Obtain data from Dose Assessment Coordinator.
- ☐ Update the Dose Assessment and Process Radiation Monitoring System status boards in the Dose Assessment Area in a timely manner.
- ☐ Make corrections to the board, when identified, by circling the corrected data.
- ☐ When all status board columns/blanks are filled, erase the first two columns/blanks, enter new data, with a different colored marker, leaving a space between the new and the old data.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 20  
(Page 1 of 1)****FIELD MONITORING COORDINATOR  
CHECK-OFF SHEET****Facility Activation****NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Establish contact with the TSC Offsite Team Leader.
- ☐ Determine location of offsite field teams and indicate on EPZ maps.

**Facility Operation:**

- ☐ Coordinating FPL teams with DOH-BRC Control teams, and other offsite agencies, if present, and the TSC Offsite Team Leader.
- ☐ Request the TSC offsite Team Leader to send FPL field monitoring teams to survey locations.
- ☐ Compare field team results to dose calculations by performing calculations on Attachment 7 or a similar form.
- ☐ Provide field team data to the Health Physics Manager to supplement Protective Action Recommendations data and to assist in defining the level of emergency classification.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

0-EPIP-1212

**Emergency Operations Facility (EOF)  
Activation and Operation**

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Approval Date:

4/18/03

**ATTACHMENT 21**

(Page 1 of 1)

**FIELD MONITORING RECORDER  
CHECK-OFF SHEET****Facility Activation/Operation****NOTE***The following attachment steps may be performed out of sequence.*☐

Sign in on the EOF Access Log and indicate FFD status.

☐

Sign in on the EOF Staff Accountability Board.

☐

Assist the Field Monitoring Coordinator with update of EPZ maps and Field Monitoring Board.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 22**

(Page 1 of 1)

**HEALTH PHYSICS NETWORK (HPN) COMMUNICATOR  
CHECK-OFF SHEET****Facility Activation****NOTE***The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Establish connection on the NRC HPN conference bridge, as necessary.

**Facility Operation**

- ☐ Maintain communications with the NRC through the Health Physics Network (HPN).
- ☐ Log all questions from the NRC in the logbook.
- ☐ Obtain answers to questions from the appropriate EOF personnel.
- ☐ Maintain documentation of any significant information provided or received.
- ☐ Assist the Health Physics Manager, as necessary.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 23  
(Page 1 of 2)  
EMERGENCY TECHNICAL MANAGER (ETM)  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log, indicate FFD status, and ensure that all Engineering staff sign in and indicate FFD status upon entry.
- ☐ Sign in on the EOF Staff Accountability Board and ensure that all Engineering staff sign in upon entry.

**CAUTION**

*Use controlled documents and drawings for Engineering Assessments and Evaluations.*

- ☐ Obtain controlled procedures for use by Engineering staff.
- ☐ Ensure staffing is in place and communications have been established with the TSC.
- ☐ Obtain system availability status from System Operations or the TSC Lead Engineer.
- ☐ Obtain an update from the TSC Engineering staff of previous and current events.

**NOTE**

*See Enclosure 4 for ERDADS data point descriptions for Turkey Point Plant.*

- ☐ Obtaining data from ERDADS for use by EOF staff.
  - ☐ Ensure computers have been turned on and functionally checked.
  - ☐ Ensure aperture card readers and microfiche readers are turned on and functional.
- Inform the Recovery Manager when the Engineering staff is ready to perform the following:
- ☐ a. Engineering assessment of the event.
  - ☐ b. Evaluation of long term plant actions to mitigate consequences of the event.
  - ☐ c. Core damage assessment in accordance with 0-EPIP-1302, PTN Core Damage Assessment.

Inform the Recovery Manager that you have completed your activation steps.



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**ATTACHMENT 23**  
(Page 2 of 2)

**EMERGENCY TECHNICAL MANAGER (ETM)  
CHECK-OFF SHEET**

**Facility Operation**

**CAUTION**

*Engineering staff should not request or direct site staff to perform any operational actions. Engineering evaluations should be given to the ETM.*

- ☐ Promptly inform the Recovery Manager of engineering recommendations, determinations or analysis results.
- ☐ a. The Engineering Technical Response Worksheet, Attachment 5, or similar form should be used to document engineering recommendations, determinations or results.
- ☐ b. The Emergency Technical Manager Task Board should be used to track tasks assigned to the EOF Engineering Staff.
- Ensure that the following items are performed:
- ☐ a. Plant conditions via ERDADS are available to the EOF Engineering Staff.
- ☐ b. Core damage assessment calculations are performed as appropriate.
- ☐ Support the TSC in problem solving based on engineering design and as built construction details. This service shall be performed under the direction of the Recovery Manager.
- ☐ Evaluate long-term plant actions to mitigate the consequences of the event.
- ☐ Request occasional updates on TSC Engineering tasks via fax or phone, as necessary.
- ☐ Inform the RM of engineering recommendations, determination or analysis results.
- ☐ Assist the RM in preparing for briefings.
- ☐ Participate in briefings, as necessary.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 24  
(Page 1 of 3)**

**EMERGENCY CONTROL OFFICER (ECO)  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log, indicate FFD status, and ensure the EIM/ENC Technical Advisors and NDDO sign in and indicate FFD status upon entry.
- ☐ Sign in on the EOF Staff Accountability Board and ensure the EIM/ENC Technical Advisors and NDDO sign in upon entry.
- ☐ Ensure the EIM has the necessary EIM/ENC Technical Advisors.
- ☐ Ensure the ENC staff is available to support the EIM.
- ☐ Ensure the County EOC Technical Advisors are in place to support the county EOCs.
- ☐ Inform the Recovery Manager that you have completed your activation steps.

**Facility Operation**

- ☐ Assist with governmental agency and Regulatory Affairs interface.
- ☐ a. Updates to Tallahassee Governmental Affairs for Unusual Events may be performed on a case by case basis.
- ☐ b. Information updates to Tallahassee Governmental Affairs should be performed for an Alert or higher classification.

When the EOF is activated:

**NOTE**

*See Enclosure 1 for directions to the State EOC in Tallahassee.*

- ☐ a. Dispatch a Governmental Affairs person to the State EOC to provide interface as directed.
- ☐ b. Provide liaison functions to elected or appointed public officials.

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 24  
(Page 2 of 3)****EMERGENCY CONTROL OFFICER (ECO)  
CHECK-OFF SHEET****Facility Operation (Cont'd)**

- ☐ c. Answer any questions or comments from:
- ☐ (1) Nuclear Regulatory Commission
- ☐ (2) Division of Emergency Management
- ☐ (3) Department of Health – Bureau of Radiation Control
- ☐ (4) County Emergency Management
- ☐ (5) Regulatory Affairs
- ☐ d. Interface with the Governor's Advisor and with the County EOC Technical Advisors.

**CAUTION**

*The NDDO should remain readily accessible to function for interim ECO notification purposes until the ECO is at the EOF. The NDDO should then proceed to the EOF. As practical, while enroute to the EOF, the ECO should contact the NDDO for updates on plant conditions.*

- ☐ Review the plant status, radiological concerns, and EOF staffing with the RM.

**CAUTION**

*The ECO must approve news releases prior to their issue. This approval may be verbal or in writing.*

- ☐ Contact the EIM and get an update on the status of draft news releases. If not already done, a news release should be issued as soon as practical after the EOF is operational with an update of plant conditions.

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**ATTACHMENT 24**  
**(Page 3 of 3)**

**EMERGENCY CONTROL OFFICER (ECO)  
CHECK-OFF SHEET**

**Facility Operation (Cont'd)**

- ☐ Continue to maintain awareness of plant conditions, media interest and news references, and governmental agencies' actions and concerns.
- ☐ Perform a technical spokesperson function in news media briefings utilizing the guidelines in Enclosure 5 as necessary.
- ☐ Ensure the RM is informed of activities involving the GAM, Regulatory Affairs, and Risk Manager.
- ☐ Ensure the RM is aware of primary concerns of the media and the public.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation****ATTACHMENT 25  
(Page 1 of 1)****NUCLEAR DIVISION DUTY OFFICER (NDDO)  
CHECK-OFF SHEET****Facility Activation****NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Staff Accountability Board.
- ☐ Serve as advisor to the EIM, GAM, Regulatory Affairs or Risk Manager on technical matters as necessary.
- ☐ Locate the ECO Logbook and initiate logkeeping for the ECO.

**Facility Operation**

- ☐ Serve as ECO in the EOF until a designated ECO is obtained and proper turnover has been given, or during periods of time when the ECO leaves the facility.

**NOTE**

*The phone number for INPO can be found in the ERD.*

- ☐ For alert classifications or higher, notify INPO and provide a brief update of the event.
- ☐ a. Request INPO assistance to submit press over Nuclear Network, and informing FPL of any media inquiries or industry assistance of the event.
- ☐ b. Document conversations in the ECO Logbook.
- ☐ Provide support to the ECO as necessary.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**Emergency Operations Facility (EOF)  
Activation and Operation**

**ATTACHMENT 26  
(Page 1 of 1)**

**EMERGENCY INFORMATION MANAGER (EIM)/  
EMERGENCY NEWS CENTER (ENC)  
TECHNICAL ADVISORS  
CHECK-OFF SHEET**

**Facility Activation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ Sign in on the EOF Access Log and indicate FFD status.
- ☐ Sign in on the EOF Accountability Board.
- ☐ Report to the Emergency Information Manager for special instructions.

**Facility Operation**

**NOTE**

*One Tech Advisor is normally assigned to support the EIM in the EOF with press releases while the other will assist the ENC with media briefings.*

- ☐ Provide technical assistance to the EIM/ENC Manager and staff.
- ☐ Assist the EIM with preparation of press releases.
- ☐ Provide technical expertise and answer questions during briefings of the media (Reference Enclosure 5).
- ☐ Provide technical expertise and answer questions for the other agencies' Public Information Officers.
- ☐ Maintain contact with the other technical advisor or RM Staff member to make sure that information is current and accurate and to provide feedback on issues discussed with the media.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 27**  
(Page 1 of 1)

**COUNTY EMERGENCY OPERATIONS CENTER (EOC)  
TECHNICAL ADVISORS  
CHECK-OFF SHEET**

**Facility Activation/Operation**

**NOTE**

*The following attachment steps may be performed out of sequence.*

☐ Proceed to the assigned County EOC when instructed to do so.

**NOTE**

*Phone numbers for the ENC and EOF may be found in the ERD, Section 4.0.*

☐ Introduce yourself to the County EOC staff.

☐ Establish contact with a member of the EOF RM Staff to obtain technical information (emergency status information, reports on plant recovery, etc.).

☐ Establish contact with the ENC Technical Advisor for non-technical, public concerns.

☐ Provide contacts in the EOF/ENC with a number where you can be reached.

☐ Advise the County EOC staff on the plant status and status of the emergency.

☐ Participate in EOC briefings.

☐ Advise the ENC of any county actions that have been taken or are under consideration, including Emergency Alert System messages and all protective actions initiated by the county.

☐ Alert the ENC prior to activation of the EPZ Siren System by Dade County.

☐ When county EOC personnel ask questions regarding activities taking place at any FPL facility, contact the ENC Technical Advisor or a member of the RM staff for answers.

☐ Stay abreast of rumors that come into the County or State Rumor Control and pass on information (and responses) to the ENC so all responses will be consistent.

☐ Verify receipt of any FPL news releases sent to the EOC.

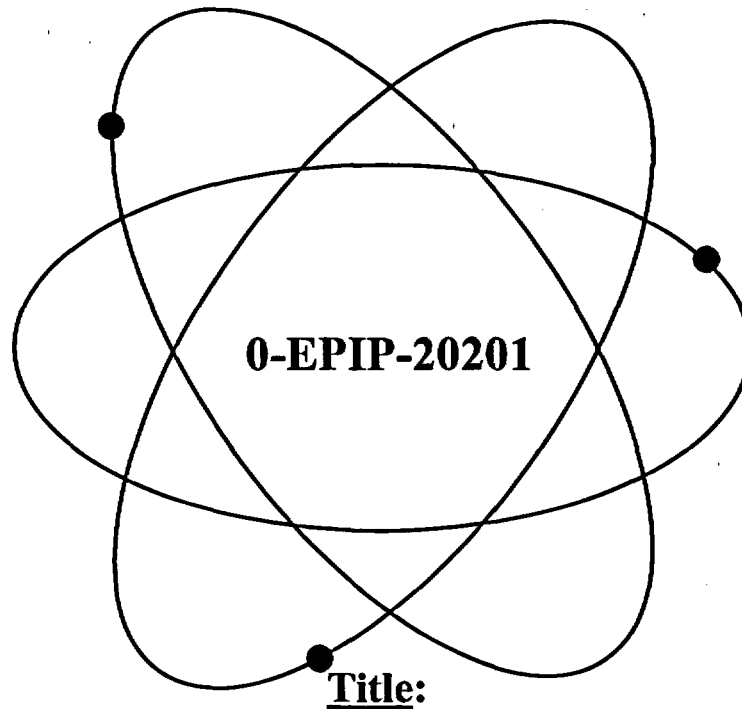
☐ Keep a log of all activities at the EOC and a record of questions called into the EOF/ENC and responses received.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**FINAL PAGE**

# Florida Power & Light Company

## Turkey Point Nuclear Plant



### Maintaining Emergency Preparedness - Radiological Emergency Plan Training

#### Safety Related Procedure

<i>Responsible Department:</i>	Emergency Preparedness
<i>Revision Approval Date:</i>	4/18/03

RTSs 96-0438P, 97-0554, 97-1090, 99-0307, 99-0825P, 00-0515,  
00-0740, 03-0046



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8	09/01/00
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## 1.0 PURPOSE

- 1.1 This procedure provides requirements for periodic training of individuals who may have to respond to a radiological emergency at Turkey Point Nuclear Plant.

## 2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

### 2.1 References

#### 2.1.1 Plant Procedures

1. 0-ADM-016, Fire Protection Program
2. 0-EPIP-20101, Duties of Emergency Coordinator
3. 0-EPIP-20104, Duty Call Notifications/Staff Augmentation
4. 0-EPIP-20110, Criteria for, and Conduct of Owner Controlled Area Evacuation
5. 0-EPIP-20112, Communication Network
6. 0-EPIP-20126, Off-Site Dose Calculations
7. 0-EPIP-20129, Emergency Radiation Team Response - OffSite
8. 0-HPS-026.1, Decontamination of Personnel
9. 0-HPS-090, Inventory of Health Physics Emergency Equipment

#### 2.1.2 Regulatory Guidelines

1. 10 CFR 50.47
2. 10 CFR 50 Appendix E
3. NUREG 0654, Revision 1
4. American National Standard ANSI/ANS-3.8.4-1987

**Maintaining Emergency Preparedness -  
Radiological Emergency Plan Training****2.1.3 Miscellaneous Documents (PC/Ms, Correspondence, etc.)**

1. Turkey Point Plant Radiological Emergency Plan
2. Training Department Administrative Guidelines
3. CR 00-1348

**2.2 Records Required**

- 2.2.1 Records documenting the Emergency Preparedness Training received by individuals are Quality Assurance records and, therefore, shall be retained in accordance with Quality Assurance records requirements.

**2.3 Commitment Documents**

- 2.3.1 QAO-PTN-90-054

**3.0 RESPONSIBILITIES**

- 3.1 The Nuclear Plant Support Services Manager has the overall responsibility for Emergency Preparedness Training.
- 3.2 The Training Manager is responsible for the following:
- 3.2.1 Ensuring all Emergency Preparedness Training is conducted using the references listed herein with the exception of Security Force Training.
- 3.2.2 Training of all individuals requiring unescorted access onsite, describing the action to be taken by an individual discovering an emergency condition, the location of assembly areas, the identification of emergency alarms, and the action to be taken upon activation of those alarms.
- 3.2.3 Ensuring lesson plans are maintained current.
- 3.2.4 Ensuring training requirements are tracked.
- 3.3 The Emergency Preparedness Coordinator is responsible for ensuring accuracy in all Emergency Preparedness Training Programs.
- 3.3.1 The Emergency Preparedness Coordinator should coordinate with designated training instructors and assist with organizing lesson plan content.

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- 3.3.2 The Emergency Preparedness Coordinator approves all Emergency Preparedness Lesson Plans and Training Schedules.
- 3.3.3 The Emergency Preparedness Coordinator should notify the Training Manager of changes in the Emergency Plan Implementing Procedures that justify additional training to emergency response personnel or which require changes to Emergency Preparedness Training Lesson Plans.
- 3.4 The Security Training Coordinator shall be responsible for ensuring Security Team personnel are trained using the Security Force Training Program requirements and this procedure.
- 3.5 Discipline Supervisors are responsible for tracking the required qualifications for their personnel and ensuring that those personnel attend the required training in accordance with this procedure. The discipline supervisors are responsible for ensuring their personnel maintain current qualifications.

#### 4.0 **DEFINITIONS**

- 4.1 **Annual** - Occurring once per calendar year (January 1 through December 31).
- 4.2 **Emergency Response Directory (ERD)** - The directory containing names and phone numbers of Emergency Response Organization personnel.
- 4.3 **Emergency Response Facility (ERF)** - Those facilities that would be activated to support response to an emergency situation. These facilities include the Technical Support Center, the Operations Support Center, and the Emergency Operations Facility.
- 4.4 **Emergency Response Organization (ERO)** - That portion of the FPL organization assigned responsibilities upon initiation of the Turkey Point Radiological Emergency Plan.

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## 5.0 PROCEDURE

### NOTES

- *This procedure does not cover periodic training requirements for plant personnel in performance of their daily job tasks.*
- *The matrix in Enclosure 1 does not include Supervisor Fitness for Duty Training, because Supervisor Fitness for Duty Training is administered to all personnel at the time of General Employee Training (GET).*
- *Any changes in required actions or response by emergency responders due to revisions in the emergency procedures shall be presented to those personnel on a periodic basis.*
- *Under extreme circumstances, the Emergency Coordinator has the authority to waive individuals emergency response training requirements.*
- *In order to maintain emergency preparedness, personnel working at Turkey Point Plant shall be familiar with certain preplanned actions in the Emergency Plan through training in the Turkey Point Emergency Plan Implementing Procedures.*
- *The Turkey Point Plant Radiological Emergency Plan is the governing document describing training requirements.*
- *Training governed by this procedure will be administered in accordance with Training Department Administrative Guidelines.*

## 5.1 Emergency Plan Training

### 5.1.1 General

1. Emergency Response Organization personnel shall receive initial training prior to being listed in the Emergency Response Directory and shall receive re-qualification or continuing training annually, unless otherwise specified in Enclosure 1.
2. For administrative and scheduling purposes, a 12 month training period plus 3 month grace period should be used. Training is required to be performed once per calendar year (January 1 through December 31).
3. As necessary, Emergency Response Organization personnel should receive training relevant to emergency plan changes as soon as practical. This training may be conducted through the use of special instruction memorandums, training briefs and/or classroom presentation.

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#### 5.1.1 (Cont'd)

4. The following Emergency Response Organization positions are common to both PTN and PSL, and can receive training from either the PTN or PSL training programs:
  - a. Nuclear Division Duty Officer
  - b. Emergency Control Officer
  - c. Emergency Information Manager

#### 5.1.2 Initial Training

1. Initial training should be formal classroom presentation on subjects identified in Enclosure 1.
2. Initial training should include an Emergency Response Facility tour and may include Job Performance Measure(s) or a practical demonstration.
3. Successful completion of initial training should be evaluated by written exam.

#### 5.1.3 Continuing Training

1. Continuing training is normally in the form of lecture and may include, but is not limited to, the lessons per ERO position as identified in Enclosure 1.
2. Continuing training content may include facility tours, job performance measure(s), practical demonstrations, drills/exercises, industry event reviews and drill critique reviews.
3. Successful completion of Continuing Training should be determined by examination.

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## 5.2 Severe Accident Management Guidelines (SAMG) Training

- 5.2.1 Enclosure 1 specifies the emergency response positions which require SAMG training.
- 5.2.2 Enclosure 2 specifies the training modules provided to responders designated in Enclosure 1 as Implementors, Evaluators, or Decision Makers of SAMG criteria.
- 5.2.3 Enclosure 2 specifies initial training requirements for SAMG Training.
- 5.2.4 Continuing training should be performed on a 2 year cycle, during the calendar year in which it is due.
- 5.2.5 Continuing training may be accomplished by participation in a table top drill.
- 5.2.6 SAMG training does not require a written test.

## 5.3 Tracking Process for Emergency Preparedness Training

- 5.3.1 The tracking process and responsibilities for Emergency Preparedness training will be performed as follows:
  - 1. Training shall be accomplished in accordance with Subsections 5.1 and 5.2.
  - 2. All documentation shall be maintained by the Training Department except for Security Records which shall be maintained by the Security Department.
  - 3. All training requirements shall be tracked by the Nuclear Training Department.

## 5.4 State and Local Government Training

- 5.4.1 The Emergency Preparedness Coordinator shall provide training to the members of the offsite emergency organization as follows:
  - 1. Training shall be made available to each contract local hospital at least once each calendar year. The content of that training should consist of radiological controls, medical consideration of contaminated injuries, and other topics as appropriate.
  - 2. Training on the plant, its emergency response and the emergency action levels shall be made available to each State and local emergency management agency at least once each calendar year. This training may be in the form of a presentation, text, or other acceptable means.



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**5.5 Public Information Interface Training**

- 5.5.1** The Emergency Preparedness Coordinator shall offer the local media at least once each calendar year, an overview of the plant, its emergency response, where to go to get news information and other pertinent data. This may be done in the form of a presentation, information packet, or by direct interfacing.

**END OF TEXT**

0-EPIP-20201

# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

(Page 1 of 10)

## EMERGENCY PLAN TRAINING MATRIX

	NUCLEAR PLANT SUPERVISOR	ASST NUCLEAR PLANT SUPV.	NUCLEAR WATCH ENGINEER	SR REACTOR CONTROL OPERATOR	REACTOR CONTROL OPERATOR	SR NUCLEAR PLANT OPERATOR	NUCLEAR OPERATOR	NUCLEAR PLANT OPERATOR	ASST NUCLEAR PLANT OPERATOR	SHIFT TECHNICAL - ADVISOR	CONTROL RM COMMUNICATOR (OFF DUTY STA)
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS	X	X	X	X	X					X	X
LESSON 3 - EMERGENCY CLASSIFICATION	X	X	X	X							
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS	X	X	X	X							
LESSON 5 - DOSE ASSESSMENT METHODOLOGY											
LESSON 6 - CONTAMINATED INJURED PERSON											
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING											
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY	X	X	X	X							
LESSON 9 - EVACUATION AND ACCOUNTABILITY	X	X	X	X	X						
LESSON 10 - ERDADS											
LESSON 11 - CORE DAMAGE (Procedure Review)											
LESSON 12 - TECH SUPPORT CENTER	X	X	X	X	X						
LESSON 13 - OPS SUPPORT CENTER						X	X	X	X		
LESSON 19 - EMERGENCY OPERATIONS FACILITY											
SAMG - DECISION MAKER											
SAMG - EVALUATOR											
SAMG - IMPLEMENTOR	X	X	X	X	X					X	
SAMG - OVERVIEW											
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)											
FIRE BRIGADE TRAINING (1)						X	X	X	X		
RCA ACCESS TRAINING (RCAT)	X	X	X	X	X	X	X	X	X	X	X
RESPIRATOR TRAINING (8)	X	X	X	X	X	X	X	X	X	X	X

- As required for the Brigade complement.
- Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
- Position requires training on operation of the intoxilizer and background check within last 3 years.
- PSL/PTN common responder version.

- Chemistry ERT members will complete JPM after Initial Training.
- Requalification cycle is determined by the certifying agency.
- PSL or PTN Training may be acceptable
- Respirator training include: Resp Phy, Resp Training, SCBA Training, Scott-O-Ramic fit, Scott-O-Vista fit

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# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

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## EMERGENCY PLAN TRAINING MATRIX

	ASSIST TO THE DUTY CALL SUPERVISOR	EMERG COORD (PLT MGR OR ALT)	TSC SUPERVISOR	TSC HEALTH PHYSICS SUPERVISOR	TSC OFFSITE TEAM LEADER	TSC HPN COMMUNICA- TOR	TSC HP OSC COMMUNICA- TOR	TSC CHEMISTRY SUPERVISOR	TSC DOSE ASSESS. TECHNICIAN	TSC DOSE ASSESS. RECORDER	TSC MAINTENANCE MANAGER
LESSON 1 - EMERGENCY PLAN OVERVIEW		X	X	X	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS	X(9)					X					
LESSON 3 - EMERGENCY CLASSIFICATION		X									
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS		X		X				X			
LESSON 5 - DOSE ASSESSMENT METHODOLOGY								X	X(2)		
LESSON 6 - CONTAMINATED INJURED PERSON				X							
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING				X	X						
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY		X	X								
LESSON 9 - EVACUATION AND ACCOUNTABILITY		X		X							
LESSON 10 - ERDADS											
LESSON 11 - CORE DAMAGE (Procedure Review)											
LESSON 12 - TECH SUPPORT CENTER		X	X	X	X	X	X	X	X	X	X
LESSON 13 - OPS SUPPORT CENTER											
LESSON 19 - EMERGENCY OPERATIONS FACILITY											
SAMG - DECISION MAKER		X	X								
SAMG - EVALUATOR											
SAMG - IMPLEMENTOR				X				X			X
SAMG - OVERVIEW											
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)											
FIRE BRIGADE - TRAINING (1)											
RCA ACCESS TRAINING (RCAT)											
RESPIRATOR TRAINING (8)											

- As required for the Brigade complement.
- Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
- Position requires training on operation of the intoxilizer and background check within last 3 years.
- PSL/PTN common responder version.
- The assistant to the Duty Call Supervisor training will be accomplished through the issuance of the assistant to the Duty Call Supervisor callout expectation memorandum, issued by training.

- Chemistry ERT members will complete JPM after Initial Training.
- Requalification cycle is determined by the certifying agency.
- PSL or PTN Training may be acceptable
- Respirator training include: Resp Phy, Resp Training, SCBA Training, Scott-O-Ramic fit, Scott-O-Vista fit

**ENCLOSURE 1**  
(Page 3 of 10)  
**EMERGENCY PLAN TRAINING MATRIX**

	TSC OPERATIONS MANAGER	TSC SECURITY SUPV	TSC HRD COMMUNICATOR	TSC EOF COMMUNICATOR	TSC TECHNICAL ASSIST TO THE EMERGENCY COORDINATOR	TSC ENS COMMUNICATOR	TSC SITE CORPORATE COMMUNICATOR	TSC PLANT DATA COMMUNICATOR	TSC ERDADS OPERATOR	TSC LEAD ENGINEER
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS			X		X	X				
LESSON 3 - EMERGENCY CLASSIFICATION	X				X					
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS	X				X					
LESSON 5 - DOSE ASSESSMENT METHODOLOGY										
LESSON 6 - CONTAMINATED INJURED PERSON										
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING										
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY	X									
LESSON 9 - EVACUATION AND ACCOUNTABILITY		X								
LESSON 10 - ERDADS								X	X(3)	X
LESSON 11 - CORE DAMAGE (Procedure Review)										
LESSON 12 - TECH SUPPORT CENTER	X	X	X	X	X	X	X	X	X	X
LESSON 13 - OPS SUPPORT CENTER										
LESSON 19 - EMERGENCY OPERATIONS FACILITY										
SAMG - DECISION MAKER	X									
SAMG - EVALUATOR										X
SAMG - IMPLEMENTOR										
SAMG - OVERVIEW										
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)										
FIRE BRIGADE TRAINING (1)										
RCA ACCESS TRAINING (RCAT)										
RESPIRATOR TRAINING (8)										

1. As required for the Brigade complement.
3. Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
5. Position requires training on operation of the intoxicilizer and background check within last 3 years.
7. PSL/PTN common responder version.

2. Chemistry ERT members will complete JPM after Initial Training.
4. Requalification cycle is determined by the certifying agency.
6. PSL or PTN Training may be acceptable
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Scott-O-Ramic fit, Scott-O-Vista fit

# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

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## EMERGENCY PLAN TRAINING MATRIX

	TSC ENGINEER MAINT LIAISON	TSC DOCUMENT CONTROL PERSONNEL	TSC PLANT DATA STATUS BOARD KEEPER	TSC PROTECTION AND CONTROLS SUPERVISOR	TSC MECHANICAL ENGINEER	TSC REACTOR ENGINEER	TSC ELECT/HC ENGINEERING
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS							
LESSON 3 - EMERGENCY CLASSIFICATION							
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS							
LESSON 5 - DOSE ASSESSMENT METHODOLOGY							
LESSON 6 - CONTAMINATED INJURED PERSON							
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING							
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY							
LESSON 9 - EVACUATION AND ACCOUNTABILITY							
LESSON 10 - ERDADS	X			X	X	X	X
LESSON 11 - CORE DAMAGE (Procedure Review)						X	X
LESSON 12 - TECH SUPPORT CENTER	X	X	X	X	X	X	X
LESSON 13 - OPS SUPPORT CENTER							
LESSON 19 - EMERGENCY OPERATIONS FACILITY							
SAMG - DECISION MAKER							
SAMG - EVALUATOR					X	X	X
SAMG - IMPLEMENTOR							
SAMG - OVERVIEW							
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)							
FIRE BRIGADE TRAINING (1)							
RCA ACCESS TRAINING (RCAT)							
RESPIRATOR TRAINING (8)							

1. As required for the Brigade complement.

3. Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.

5. Position requires training on operation of the intoxilizer and background check within last 3 years.

7. PSL/PTN common responder version.

2. Chemistry ERT members will complete JPM after Initial Training.

4. Qualification cycle is determined by the certifying agency.

6. PSL or PTN Training may be acceptable

8. Respirator training include: Resp Phy, Resp Training, SCBA Training,  
Scott-O-Ramic fit, Scott-O-Vista fit

**ENCLOSURE 1**  
 (Page 5 of 10)  
**EMERGENCY PLAN TRAINING MATRIX**

	TSC LICENSED OPERATOR SUPPORT	DUTY CALL SUPERVISOR	OSC MANAGER	OSC SUPERVISOR	OSC RECORDER	OSC OPERATIONS SUPERVISOR	OSC CHEMISTRY SUPERVISOR	OSC Re-entry Coord	CHEM EMERG RESPONSE TEAM MEMBERS	PARAMEDICS/ PHYSICIANS ASSTS/E.M.T.'S	OSC HEALTH PHYSICS SUPERVISOR	HEALTH PHYSICS EMERG RESPONSE TEAM MEMBERS
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS		X										
LESSON 3 - EMERGENCY CLASSIFICATION												
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS												
LESSON 5 - DOSE ASSESSMENT METHODOLOGY									X(2)			
LESSON 6 - CONTAMINATED INJURED PERSON							X		X	X	X	X
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING											X	X
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY												
LESSON 9 - EVACUATION AND ACCOUNTABILITY											X	
LESSON 10 - ERDADS												
LESSON 11 - CORE DAMAGE (Procedure Review)												
LESSON 12 - TECH SUPPORT CENTER	X											
LESSON 13 - OPS SUPPORT CENTER			X	X	X	X	X	X	X	X	X	X
LESSON 19 - EMERGENCY OPERATIONS FACILITY												
SAMG - DECISION MAKER												
SAMG - EVALUATOR												
SAMG - IMPLEMENTOR												
SAMG - OVERVIEW												
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)									X			
FIRE BRIGADE TRAINING (1)												X
RCA ACCESS TRAINING (RCAT)									X	X		X
RESPIRATOR TRAINING (8)									X	X		X

1. As required for the Brigade complement.
3. Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
5. Position requires training on operation of the intoxilizer and background check within last 3 years.
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Scott-O-Ramic fit, Scott-O-Vista fit

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# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

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## EMERGENCY PLAN TRAINING MATRIX

	OSC DOSE RECORDER	OSC HEALTH PHYSICS COMMUNICATOR	OSC MECHANICAL COORD	MECH MAINT EMERG RESPONSE TEAM MEMBERS	OSC ELECTRICAL COORD	ELEC MAINT EMERG RESPONSE TEAM MEMBERS	OSC I&C COORD	I&C MAINT EMERG RESPONSE TEAM MEMBERS	SEC COMMAND POST OPERATIONS ADVISOR	SECURITY OFFICERS
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS										
LESSON 3 - EMERGENCY CLASSIFICATION										
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS										
LESSON 5 - DOSE ASSESSMENT METHODOLOGY										
LESSON 6 - CONTAMINATED INJURED PERSON										
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING										
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY										
LESSON 9 - EVACUATION AND ACCOUNTABILITY										X
LESSON 10 - ERDADS										
LESSON 11 - CORE DAMAGE (Procedure Review)										
LESSON 12 - TECH SUPPORT CENTER										
LESSON 13 - OPS SUPPORT CENTER	X	X	X	X	X	X	X	X		
LESSON 19 - EMERGENCY OPERATIONS FACILITY										
SAMG - DECISION MAKER										
SAMG - EVALUATOR										
SAMG - IMPLEMENTOR										
SAMG - OVERVIEW										
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)										
FIRE BRIGADE TRAINING (1)										
RCA ACCESS TRAINING (RCAT)				X		X		X		
RESPIRATOR TRAINING (8)				X		X		X		

1. As required for the Brigade complement.
3. Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
5. Position requires training on operation of the intoxilizer and background check within last 3 years.
7. PSL/PTN common responder version.

2. Chemistry ERT members will complete JPM after Initial Training.
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**ENCLOSURE 1**  
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**EMERGENCY PLAN TRAINING MATRIX**

	ASSEMBLY AREA SUPERVISOR	OSC DOCUMENT CONTROL PERSONNEL	OSC MATERIAL MANAGEMENT PERSONNEL	OSC STATUS BOARD KEEPER	RECOVERY MANAGER	EMERGENCY CONTROL OFFICER	NUCLEAR DIV DUTY OFFICER	EOF RM OPS ADVISOR	EOF TSC COMMUNICATOR	
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X (7)	X (7)	X	X	
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS					X	X	X	X		
LESSON 3 - EMERGENCY CLASSIFICATION								X		
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS					X	X (6)	X (6)	X		
LESSON 5 - DOSE ASSESSMENT METHODOLOGY										
b - CONTAMINATED INJURED PERSON										
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING										
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY					X			X		
LESSON 9 - EVACUATION AND ACCOUNTABILITY	X									
LESSON 10 - ERDADS										
LESSON 11 - CORE DAMAGE (Procedure Review)										
LESSON 12 - TECH SUPPORT CENTER										
LESSON 13 - OPS SUPPORT CENTER		X	X	X						
LESSON 19 - EMERGENCY OPERATIONS FACILITY					X	X (7)	X (7)	X	X	
SAMG - DECISION MAKER										
SAMG - EVALUATOR										
SAMG - IMPLEMENTOR										
SAMG - OVERVIEW					X			X		
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)										
FIRE BRIGADE TRAINING (1)										
RCA ACCESS TRAINING (RCAT)										
RESPIRATOR TRAINING (8)										

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# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

Approval Date

5/30/01

## ENCLOSURE 1

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## EMERGENCY PLAN TRAINING MATRIX

	EOF DOSE ASSESS COORDINATOR	EOF HOT RING DOWN COMMUNICATOR	EOF ERDADS OPERATOR	EMERGENCY INFORMATION	MANAGER EIM/ENC TECH ADVISORS	COUNTY EOC TECH ADVISORS	EOF HP MANAGER	EOF FIELD MONITORING COORDINATORS	EOF FIELD MONITORING RECORDER	EOF ENS/HPN COMMUNICATORS	EMERGENCY TECHNICAL MANAGER
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X (7)	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS		X								X	
LESSON 3 - EMERGENCY CLASSIFICATION											
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS							X				
LESSON 5 - DOSE ASSESSMENT METHODOLOGY	X						X				
LESSON 6 - CONTAMINATED INJURED PERSON											
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING							X				
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY							X				
LESSON 9 - EVACUATION AND ACCOUNTABILITY											
LESSON 10 - ERDADS			X								
LESSON 11 - CORE DAMAGE (Procedure Review)											
LESSON 12 - TECH SUPPORT CENTER											
LESSON 13 - OPS SUPPORT CENTER											
LESSON 19 - EMERGENCY OPERATIONS FACILITY	X	X	X	X (7)	X	X	X	X	X	X	X
SAMG - DECISION MAKER											
SAMG - EVALUATOR											
SAMG - IMPLEMENTOR											
SAMG - OVERVIEW											X
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)											
FIRE BRIGADE TRAINING (1)											
RCA ACCESS TRAINING(RCAT)											
RESPIRATOR TRAINING (8)											

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# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

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### EMERGENCY PLAN TRAINING MATRIX

	EOF ELECTRICAL/ I&C ENGINEER	EOF MECH ENGINEER	EOF NUCLEAR ENGINEER	EOF FUELS ENGINEER	EOF STATUS BOARD KEEPER	EMERGENCY SECURITY MANAGER	EOF TECH ASSISTAN T TO THE RM
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X	X	X	X
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS							X
LESSON 3 - EMERGENCY CLASSIFICATION							X
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS							X
LESSON 5 - DOSE ASSESSMENT METHODOLOGY							
LESSON 6 - CONTAMINATED INJURED PERSON							
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING							
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY							X
LESSON 9 - EVACUATION AND ACCOUNTABILITY							
LESSON 10 - ERDADS	X	X	X	X			
LESSON 11 - CORE DAMAGE (Procedure Review)				X			
LESSON 12 - TECH SUPPORT CENTER							
LESSON 13 - OPS SUPPORT CENTER							
LESSON 19 - EMERGENCY OPERATIONS FACILITY	X	X	X	X	X	X(5)	X
SAMG - DECISION MAKER							
SAMG - EVALUATOR							
SAMG - IMPLEMENTOR							
SAMG - OVERVIEW							X
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)							
FIRE BRIGADE TRAINING (1)							
RCA ACCESS TRAINING (RCAT)							
RESPIRATOR TRAINING (8)							

1. As required for the Brigade complement.
3. Due to their technical background, Reactor Eng Dept. ERDADS Engineers are exempt from ERDADS Training.
5. Position requires training on operation of the intoxilizer and background check within last 3 years.
7. PSL/PTN common responder version.

2. Chemistry ERT members will complete JPM after Initial Training.
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# Maintaining Emergency Preparedness - Radiological Emergency Plan Training

## ENCLOSURE 1

(Page 10 of 10)

## EMERGENCY PLAN TRAINING MATRIX

	EOF DOSE ASSESS RECORDER	EOF SUPERVISOR	EOF ADMIN SUPERVISOR	EOF ADMIN STAFF						
LESSON 1 - EMERGENCY PLAN OVERVIEW	X	X	X	X						
LESSON 2 - NOTIFICATIONS/ COMMUNICATIONS										
LESSON 3 - EMERGENCY CLASSIFICATION										
LESSON 4 - RADIOLOGICAL ASSMT PROT ACTION RECOMMENDATIONS										
LESSON 5 - DOSE ASSESSMENT METHODOLOGY										
LESSON 6 - CONTAMINATED INJURED PERSON										
LESSON 7 - ONSITE/OFFSITE RADIOLOGICAL MONITORING										
LESSON 8 - MGMT CONTROL OF EMERGENCIES AND RECOVERY										
LESSON 9 - EVACUATION AND ACCOUNTABILITY										
LESSON 10 - ERDADS										
LESSON 11 - CORE DAMAGE (Procedure Review)										
LESSON 12 - TECH SUPPORT CENTER										
LESSON 13 - OPS SUPPORT CENTER										
LESSON 19 - EMERGENCY OPERATIONS FACILITY	X	X	X	X						
SAMG - DECISION MAKER										
SAMG - EVALUATOR										
SAMG - IMPLEMENTOR										
SAMG - OVERVIEW										
RED CROSS MULTI MEDIA FIRST AID AND ADULT CPR OR EQUIVALENT AND BLOODBORNE PATHOGEN (4)										
FIRE BRIGADE TRAINING (1)										
RCA ACCESS TRAINING (RCAT)										
RESPIRATOR TRAINING (8)										

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Procedure No.:  <b>0-EPIP-20201</b>	Procedure Title:  <b>Maintaining Emergency Preparedness - Radiological Emergency Plan Training</b>	Page: <b>21</b> Approval Date: <b>9/1/00</b>
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**ENCLOSURE 2**  
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**SAMG INITIAL TRAINING MATRIX**

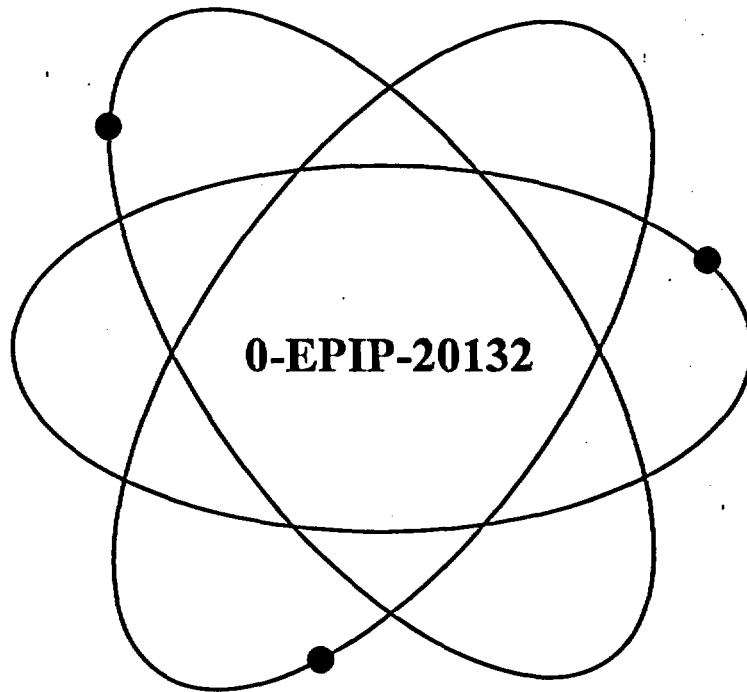
	Implementor Control Room Staff	Implementor TSC	Evaluator	Decision Maker	EOF Responders
Lesson 100 Overview for SAMG (2)	X	X	X	X	X (1)
Lesson 101 Executive Volume for the Control Room (CR) (2)	X				
Lesson 102 Severe Accident CR Guidance , Initial Response (SACRG-1) (2)	X				
Lesson 103 Severe Accident CR Guidance After TSC is Functional (SACRG-2) (2)	X				
Lesson 104 Executive Volume for the TSC (2)			X		
Lesson 105 Diagnostic Flow Chart and Severe Challenge Status Tree (2)			X		
Lesson 106 Instrumentation and the SAMG (2)			X	X	
Lesson 107 SACRG-1 and SACRG-2 for the TSC (2)			X		
Lesson 108 Severe Accident Progression and Phenomena (2)	X	X	X	X	

(1) Self Review    (2) or Equivalent Self-Study Module

**FINAL PAGE**

# Florida Power & Light Company

## Turkey Point Nuclear Plant



Title:

### Technical Support Center (TSC) Activation and Operation

#### Safety Related Procedure

<i>Responsible Department:</i>	Emergency Preparedness
<i>Revision Approval Date:</i>	4/18/03

RTSs 96-0628P, 97-0668, 97-1405, 99-0258P, 00-0248P, 00-0465P,  
02-0089P, 02-0866P

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15	04/18/03	39	02/15/01	63	04/18/03
16	02/15/01	40	02/15/01	64	04/18/03
17	02/15/01	41	02/15/01	65	04/18/03
18	02/15/01	42	04/18/03	66	04/18/03
19	02/15/01	43	02/15/01	67	04/18/03
20	02/15/01	44	02/15/01		
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## 1.0 PURPOSE

- 1.1 This procedure provides instructions for the activation and operation of the Technical Support Center (TSC).

## 2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

### 2.1 References

#### 2.1.1 Plant Procedures

1. 0-ADM-207, Operations Instructions in the Event of a Situation Not Addressed by Procedure
2. 0-EPIP-1302, PTN Core Damage Assessment
3. 0-EPIP-20101, Duties of the Emergency Coordinator
4. 0-EPIP-20106, Natural Emergencies
5. 0-EPIP-20126, Off-site Dose Calculations
6. 0-EPIP-20133, Operations Support Center (OSC) Activation and Operation
7. 0-HPT-013.3, Calibration and Operation of the Eberline Beta Monitoring System Model AMS-3(A)

#### 2.1.2 Miscellaneous Documents (PC/M, Correspondence etc.)

1. Turkey Point Plant Radiological Emergency Plan
2. Emergency Response Directory
3. PC/M 92-134, ERDADS/SAS Datalink to the Emergency Response Data System
4. SFI-6307, Emergency Evacuation and Accountability

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## **2.2 Records Required**

2.2.1 Completed copies of the below listed item(s) constitute Quality Assurance Records and shall be transmitted to QA Records for retention in accordance with Quality Assurance Records Program requirements:

1. None

2.2.2 The various supervisors in the TSC shall maintain logbooks of activities performed during a plant emergency. Logbooks shall be stored in the applicable areas in the TSC.

2.2.3 Upon deactivation of the TSC, the following completed documents shall be transmitted to the Emergency Preparedness Coordinator for review and retention for archival purposes:

1. TSC Staff Accountability Log (form similar to Attachment 6)

2. All TSC Position Check-off Sheets (Attachments 8 through 27)

## **2.3 Commitment Documents**

2.3.1 None

## **3.0 RESPONSIBILITIES**

3.1 Emergency Response Organization Members assigned to the TSC are responsible for:

3.1.1 Bringing any available two-way radios to the TSC for emergency use if not needed in the OSC.

3.1.2 Assisting in the Activation/Operation of the TSC in accordance with Section 5.0 of this procedure.

3.1.3 Using Speed Memos to request tasks/information, as appropriate.

3.1.4 Performing tasks as requested by their supervisors.

3.2 The TSC Supervisor is responsible for:

3.2.1 Reviewing requests from the Technical Support Group.

3.2.2 Reviewing and recommending approval of Team Request Speed Memos.

3.2.3 Reviewing and routing Speed Memos to the appropriate supervisor.

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- 3.2.4 Ensuring accountability within the TSC is maintained.
- 3.2.5 Directing the activities of the Technical Support Group.
- 3.2.6 Ensuring communication links are functional and established.
- 3.2.7 Providing technical assessment to the Control Room operating staff.
- 3.2.8 Ensuring timely and accurate data/information is provided to the EOF.
- 3.2.9 Ensuring timely and accurate updates of the TSC Status Boards and other informational systems.
- 3.2.10 Ensuring the implementation of 0-EPIP-1302, PTN Core Damage Assessment.
- 3.2.11 Coordinating and verifying facility operational readiness.
- 3.2.12 Ensuring initial and follow-up notifications to the State Warning Point, Dade County and Monroe County are provided.
- 3.2.13 Consulting with the TSC Operations Manager and the Emergency Coordinator on the need to implement Severe Accident Management Guidelines (SAMGs).
- 3.2.14 Reviewing team priorities on the Team Tracking Board.
- 3.3 The Technical Assistant to the Emergency Coordinator is responsible for:
  - 3.3.1 Tracking plant progress through the Emergency Action Levels and providing recommendations to the Emergency Coordinator.
  - 3.3.2 Providing SRO expertise in the TSC for accident assessment functions.
  - 3.3.3 Assisting the TSC Operations Manager in following the Control Room transitions through the Emergency Operating Procedures.
  - 3.3.4 Assisting the Emergency Coordinator in developing Protective Action Recommendations based on Plant Conditions and Off-site Dose Projections.
  - 3.3.5 Ensuring that Protective Action Recommendations made by FPL and Protective Actions issued by government agencies are posted in the TSC.

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- 3.4 The TSC Maintenance Manager is responsible for ensuring the completion of the following:
  - 3.4.1 Taking requests for Emergency Response Teams (ERT) that have been approved by the Emergency Coordinator and instructing the OSC in the formation of the ERT.
  - 3.4.2 Tracking and updating ERT progress and providing feedback to the TSC Operations Manager.
  - 3.4.3 Updating the OSC Manager with pertinent information and providing team priorities.
  - 3.4.4 Obtaining Company vehicles for use by Off-site ERT.
- 3.5 The TSC Operations Manager is responsible for:
  - 3.5.1 Forwarding requests for teams from the Control Room to the Emergency Coordinator.
  - 3.5.2 Advising the Emergency Coordinator on operational concerns and requirements.
  - 3.5.3 Following the transition between Emergency Operating Procedures (EOPs).
  - 3.5.4 Providing Protective Action Recommendations based on Plant Conditions to the Emergency Coordinator.
  - 3.5.5 Providing feedback to the Control Room on the status of team activities.
- 3.6 The TSC Health Physics Supervisor is responsible for:
  - 3.6.1 Providing off-site radiological data to the TSC Chemistry Supervisor.
  - 3.6.2 Coordinating the use of the Off-site ERTs with the EOF.
  - 3.6.3 Maintaining communications and updating radiological conditions with the NRC on the Health Physics Network, as required.
  - 3.6.4 Providing information to the Emergency Coordinator on the radiological survey results obtained by the Off-site ERTs.
  - 3.6.5 Assessing plant radiological conditions and providing assessment results to the Operation Support Center (OSC).

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- 3.6.6 Providing recommendations on the authorization of emergency exposures to the Emergency Coordinator.
- 3.6.7 Coordinating the activities of the Off-site Assembly Area.
- 3.6.8 Advising the Emergency Response Organization on radiological control matters.
- 3.6.9 Ensuring that personal dosimetry is issued to and periodically checked by TSC emergency responders.
- 3.7 The TSC Chemistry Supervisor is responsible for:
  - 3.7.1 Coordinating the calculation of Off-site Dose Calculations.
  - 3.7.2 Interpreting data and data discrepancies.
  - 3.7.3 Reviewing requests for Chemistry samples.
  - 3.7.4 Providing Protective Action Recommendations based on Off-site Dose Projections to the Emergency Coordinator.
- 3.8 The TSC Security Supervisor is responsible for:
  - 3.8.1 Coordinating the response of the Security Force.
  - 3.8.2 Tracking TSC Staff Accountability.
  - 3.8.3 Providing assistance to local law enforcement agencies as directed.
  - 3.8.4 Ensuring that site accountability is performed and Emergency Coordinator is kept informed of status.
- 3.9 The TSC Licensed Operator Support personnel are responsible for:
  - 3.9.1 Providing operational information and guidance to the TSC Technical Support personnel, and other personnel, as necessary, to effectively coordinate Tech Support activities with Operations and other emergency response personnel.
  - 3.9.2 Monitoring the status of the unaffected unit and reporting any operational concerns or Technical Specification issues to the TSC Lead Engineer and the TSC Operations Manager.
  - 3.9.3 Conducting the following activities in the event the emergency involves a fire:
    - 1. Monitoring the fire brigade response and providing input to the Emergency Coordinator.
    - 2. Ensuring that off-site support is responding, as needed, and providing information to the TSC Supervisor
    - 3. Assisting the fire brigade leader in acquiring additional equipment, as needed.
    - 4. Reviewing the Pre-fire Plan of the effected areas and providing input to the Emergency Coordinator.

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3.10 The TSC Plant Data Communicator is responsible for:

3.10.1 Establishing communication with the Control Room Communicator.

3.10.2 Notifying the TSC Supervisor of rapid changes to plant data or any need for further instructions, in accordance with the guidelines in Enclosure 3 and Enclosure 4 of this procedure.

3.11 The TSC ENS Communicator is responsible for:

3.11.1 Verifying operability of the ENS (FTS-2001) phone equipment.

3.11.2 Maintaining open line of communications, if requested, with the NRC.

3.12 The TSC Site Corporate Communicator is responsible for:

3.12.1 Verifying operability of the TV Monitor System.

3.12.2 Notifying the TSC Supervisor when the TV Monitor System is ready for operation or needs corrective actions, as appropriate.

3.13 The TSC Reactor Engineer is responsible for:

3.13.1 Monitoring SAMG criteria in the event that the TSC Supervisor is not present in the TSC.

3.14 The TSC Engineering/Maintenance Liason is responsible for:

3.14.1 Providing maintenance experience to the Technical Support Group.

3.14.2 Acquiring information from the OSC Re-entry Coordinators to support the Technical Support Group.

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#### 4.0 **DEFINITIONS**

- 4.1 State Hot Ring Down Telephone (HRD) - Installed in the Control Room, TSC, Emergency Preparedness Office, and EOF, this system provides dedicated telephone service utilizing pre-designated access codes to notify State and Local Agencies.
- 4.2 Emergency Notification System (ENS) - Installed in the Control Room, TSC, and EOF, this system provides dedicated telephone service to the NRC Operations Center.
- 4.3 Health Physics Network (HPN) - Installed in two locations in the TSC and two locations in the EOF, this system provides dedicated telephone service to the NRC Operations center and NRC Region II response Center for the relay of Health Physics and Environmental Data.
- 4.4 System Control Center Computer Program - A personal computer based software program which accesses the System Operations computer via telephone lines to provide real-time system generation and configuration status. This program is installed on the Technical Support Group computer for Emergency Response use.



## 5.0 PROCEDURE

### NOTES

- Although the Emergency Coordinator duties are transferred to the TSC and the Emergency Coordinator is then functionally a position in the TSC, Emergency Coordinator duties and responsibilities are not defined in this procedure. Regardless of the physical location of the Emergency Coordinator, his responsibilities are to implement 0-EPIP-20101, Duties of the Emergency Coordinator.
- In order to allow for short relief breaks during emergency situations (e.g. for bathroom, drinking, smoking breaks, etc.), the Emergency Coordinator may temporarily turnover his command and control responsibilities to a qualified individual of this staff. The Emergency Coordinator is always responsible for carrying out his non-delegatable duties, and for approving notifications to Federal and State Authorities.
- In order to provide a complete status of Emergency Response Activities, each area supervisor (Operations, Health Physics, Chemistry, Maintenance, Technical Support, etc.) should give status reports of emergency response activities, as necessary, when the Emergency Coordinator reviews the Plant Status and updates ERO personnel.
- Three fax machines are available in the TSC. The OUT-GOING TSC Operations Fax machine is primarily used by the TSC ENS Communicator to transmit notification forms to off-site agencies. The IN-COMING TSC Operations Fax machine is used for receiving information necessary for the operation of the TSC. The TSC HP/Chemistry Fax machine is primarily used to transmit HP/Chemistry information to and from the OSC.
- If a natural emergency occurs, 0-EPIP-20106, Natural Emergencies, has additional duties and responsibilities which may be applicable to the emergency situation.
- Figure 1 is provided as general guidance for set up of the TSC. The TSC is a dedicated facility and should be set up and ready for emergency activities at all times.
- The Security Command Post Operations Advisor is a Licensed Operator stationed in the Security Command Post to provide operational interface and liaison for security personnel during emergency situations when the TSC is activated. Operational questions regarding security should be coordinated through the TSC Security Supervisor with the Security Command Post Operations Advisor. This position is only provided when a security emergency is declared.
- The normal power supply for the TSC is from Breaker 7 on Distribution Panel 85, which is fed from the Florida City Substation line supplying the Administrative Support Buildings (NAB, NMB, NTC, etc.) An alternate power supply for the TSC is from Breaker 31503 on 4C 3G from the 3C 4KV bus. The TSC 480 Volt Automatic Transfer Switch will supply power from the alternate source if normal power is lost. When normal power is regained, the transfer switch will automatically switch back to the normal supply within forty minutes.
- Eating and drinking shall be limited and controlled by the TSC Supervisor, and shall be prohibited whenever habitability surveys reveal any surface or airborne contamination activity.

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**NOTE**

*To ensure all position responsibilities are completed, appropriate ERO staff shall complete applicable check-off attachments.*

**5.1 Activation of the TSC**

- 5.1.1 When notified, TSC emergency responders are to report to the facility as quickly as possible.
- 5.1.2 The first responders to the TSC should do the following:

**NOTE**

*Normally, Security will have the TSC door unlocked prior to responders arriving in order to expedite the activation process. If the door is locked upon arrival, any emergency responder may unlock the TSC by using the key in the break glass box located outside the TSC.*

- 1. Acquire a copy of Attachment 8, First Responder check-off Sheet from the Document Control File to ensure all required activities are completed.
- 2. Ensure all steps in Attachment 8, First Responder check-off Sheet have been completed and initialed. Forward the completed Attachment 8 to the Emergency Preparedness Coordinator upon conclusion of the event.
- 5.1.3 Refer to Enclosures 5 and 6 for use of speed memos and guidance on control of Re-entry teams.
- 5.1.4 Only controlled copies of nuclear safety related procedures, drawings, and other available plant information shall be used. Non-controlled documents or drawings should be verified with a controlled copy prior to use in the TSC.
- 5.1.5 During facility briefings, stop what you are doing, pay attention, and contribute as requested.

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5.2 The following TSC positions shall acquire a copy of their associated check-off attachment and ensure all steps are completed (document exceptions on form), all attachments are signed and dated and all completed attachments are forwarded to the Emergency Preparedness Coordinator at the conclusion of the event:

**NOTE**

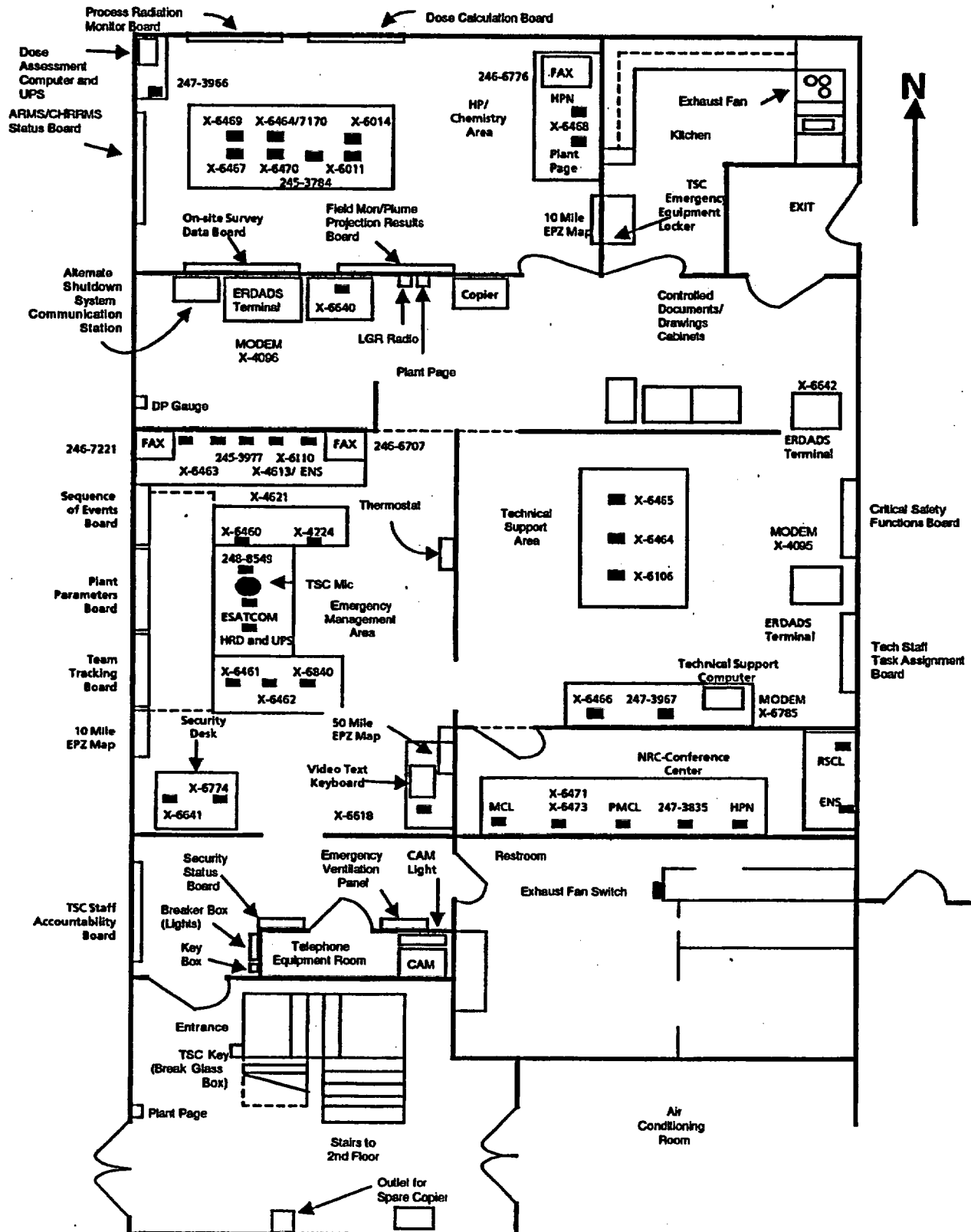
*TSC personnel can acquire associated attachments from the Document Control File.*

<u>TSC POSITION</u>	<u>ATTACHMENT NO.</u>
TSC FIRST RESPONDER.....	8
TSC SUPERVISOR.....	9
TSC TECHNICAL ASSISTANT TO THE EMERGENCY COORDINATOR.....	10
TSC MAINTENANCE MANAGER.....	11
TSC OPERATIONS MANAGER.....	12
TSC HEALTH PHYSICS MANAGER.....	13
TSC CHEMISTRY SUPERVISOR.....	14
TSC DOSE ASSESSMENT TECHNICIAN.....	15
TSC SECURITY SUPERVISOR .....	16
TSC LICENSED OPERATOR.....	17
TSC PLANT DATA COMMUNICATOR.....	18
TSC ENS COMMUNICATOR .....	19
TSC STATE/COUNTY COMMUNICATOR.....	20
TSC SITE CORPORATE COMMUNICATOR .....	21
TSC EOF COMMUNICATOR .....	22
TSC LEAD ENGINEER.....	23
TSC TECHNICAL SUPPORT GROUP .....	24
TSC ERDADS OPERATOR.....	25
TSC DOCUMENT CONTROL PERSONNEL.....	26

**END OF TEXT**

## Technical Support Center (TSC) Activation and Operation

**FIGURE 1**  
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**TECHNICAL SUPPORT CENTER LAYOUT**



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**ENCLOSURE 1**  
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**EMERGENCY RESPONSE DATA SYSTEM OPERATION**

**NOTE**

*Activation of the Emergency Response Data System (ERDS) is required as soon as possible within one hour of the declaration of an Alert or higher emergency classification level. ERDS can be started from any terminal.*

**1. ERDS Activation**

**NOTE**

*For ERDS activation, ensure ERDADS Opcon is monitoring the effected unit.*

- a. Press <CLEAR> function key.
- b. Type the following command if the Opcon is not monitoring the effected unit: PUP Unit X <EXEC>; (where X is the effected unit.)
- c. Press <CLEAR> function key.
- d. Type NRC <DSPLY> on any ERDADS terminal.
- e. Page-up to observe status of NRC link.
- f. If NRC link is off-line, then continue. If NRC link in on-line, then ERDS activation is complete.
- g. Type NRC <DSPLY> on keyboard.
- h. Press <TAB+> function key to position cursor to the activation field.
- i. Press <ENTER> to start ERDS program.

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**ENCLOSURE 1**  
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**EMERGENCY RESPONSE DATA SYSTEM OPERATION**

**2. ERDS Deactivation**

**NOTE**

*Normally the NRC Operations Center will determine when the ERDS link is terminated*

- a. Press <CLEAR> function key.
- b. Insure Opcon is selected to effected unit.
- c. Type NRC
- d. Press <DSPLY> function key.
- e. Press <TAB+> function key to position cursor to the deactivation field.
- f. Type 0 in the deactivation field.
- g. Press <ENTER> to stop ERDS program.

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**ENCLOSURE 2**  
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**VERIFICATION AND OPERABILITY CHECK,  
FOR THE TV MONITORING SYSTEM**

**NOTE**

*The Emergency Video Signal is broadcast to the plant site on Channel 8. The signal source for this channel is a 1/2 inch VCR located in the Video Editing Suite, First Floor Nuclear Administration Building, Room 1420. The VCR serving Channel 8 is mounted in the vertical equipment rack. A label reading Channel 8-VTR-3 identifies the subject VCR.*

1. Verify Emergency Video System signal by performing the following:

- a. Tune any hallway monitor to Channel 8.

**NOTE**

*The test pattern has Studio 40 on the first line followed by the alphabet on succeeding lines.*

- b. If the test pattern appears on the monitor, proceed to the TSC and go to Step 2 of this enclosure.
  - c. If something other than the test pattern appears, or if no pattern appears, proceed to the video editing suite to check the VCR signal.

- (1) Tune monitor labeled **RF System Monitor and Charger/edit** to Channel 8.

- (2) Make sure Channel 8 VCR is on.

**NOTE**

*Playing a tape in VTR-3 will void TSC signal.*

- (3) Stop any tape that may be playing in the machine.
    - (4) Check cable in rear of VTR-3. Cables with two blue strips of tape should be plugged to inputs labeled **video in** and **audio in**.

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**ENCLOSURE 2**  
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**VERIFICATION AND OPERABILITY CHECK  
FOR THE TV MONITORING SYSTEM**

**NOTE**

*Phone jack carrying TSC signal is labeled A-130. Phone line plugged into jack is marked with two blue strips of tape. Phone line travels to a converter box under edit console marked with two blue strips of tape. Video cable coming out of box is similarly identified.*

- (5) If test pattern does not appear, check cable at phone line serving room. Make sure all connections are secure.
  - (6) If no picture appears on Channel 8, contact the Site Corporate Communications Representative.
2. After the Emergency Video System signal has been verified operable, or if directed by the TSC Supervisor, proceed to the Technical Support Center.
- a. Ensure power is on to the video keyboard.
  - b. Turn power on to the view monitors
  - c. Position the TSC video camera to relay pertinent information to the OSC and EOF (e.g., plant parameters, EC briefings, etc.)
  - d. Verify broadcast signal (i.e., what the plant is seeing) by viewing Panasonic Monitor on desk.
  - e. To type and store video text, follow instructions on keyboard or refer to manual in desk drawer.
  - f. To send video text to plant, press **Program On** key.
  - g. To send video from camera to plant, disengage **Program On** key.
- (1) If camera signal does not appear on Panasonic monitor, press **Control + X**.



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**ENCLOSURE 3**  
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**GUIDELINES FOR MAINTAINING TSC STATUS BOARDS**

1. Responsibilities for maintaining each TSC Status Board are specified in Enclosure 4.
2. Obtain required information for the appropriate status board.
  - a. Utilize ERDADS if the information is available on ERDADS and the ERDADS display is available.
    - (1) Dose Assessment Status Board Keeper uses off-site Radiological Data (R3) display.
    - (2) TSC Health Physics Supervisor uses Off-site Radiological Data (R3) display.
    - (3) Other status board keepers use ERDADS displays, as necessary.
  - b. If ERDADS is not available:
    - (1) Verify the TSC Supervisor and TSC ERDADS Operator are aware that ERDADS is not available.
    - (2) Collect necessary information using attached status board worksheets, if applicable.
3. All status board keepers should ensure that status boards are updated in a timely manner.
  - a. All status boards, should generally be updated approximately every fifteen minutes.
  - b. More frequent updates may be necessary if conditions are changing rapidly.
  - c. Less frequent updates may be appropriate if conditions are changing slowly or are stable.
  - d. Status boards should always be updated at least every hour.

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**ENCLOSURE 4**  
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**TSC STATUS BOARD MAINTENANCE RESPONSIBILITIES**

The following status boards should be maintained by personnel filling the indicated position. Alternate assignments may be made, as necessary. Status Boards should be updated frequently (approximately every 15 minutes **OR** more frequently than every 15 minutes during significant transient events) and the information on the board should be correct and current.

<u>Status Board</u>	<u>Position</u>
TSC Staff Accountability	TSC Security Supervisor
Security Events	TSC Security Supervisor
10-Mile EPZ (in Management Area)	Technical Assistant to the EC
Team Tracking	TSC Maintenance Manager
Plant Equipment/ERDADS	TSC Ops Manager
Sequence of Events	TSC Plant Data Communicator
Area Radiation Monitor	TSC Health Physics Supervisor
Process Radiation Monitor	TSC Dose Assessment Recorder
Dose Assessment	TSC Dose Assessment Recorder
Field Team Tracking	TSC Off-site Team Leader
Survey Results	TSC HP OSC Communicator
10-Mile EPZ Map (in HP/Chem Area)	TSC Chemistry Supervisor
Critical Safety Functions	TSC Lead Engineer
Task Assignments	TSC Lead Engineer
SAMG Board	TSC Lead Engineer

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**ENCLOSURE 5**  
(Page 1 of 1)

**USE OF SPEED MEMOS**

**A. Speed Memos should be used for the following functions:**

1. Team requests.
2. Information/task requests.
3. Relaying information.

**B. Speed memos should be handled in the following manner:**

1. The requester should give the speed memo to the lead supervisor in his/her area.
2. The requester's lead supervisor should give the speed memo to the TSC Supervisor.
3. The TSC Supervisor should present all team request speed memos to the EC for approval and establishment of priority before forwarding to the TSC Maintenance Manager.
4. The TSC Supervisor should forward all other speed memos to the responsible manager or lead supervisor of the group who will perform the requested task.

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**ENCLOSURE 6**  
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**CONTROL OF RE-ENTRY TEAMS**

The Emergency Coordinator should control team requests in the TSC as follows:

1. Actions directed by Emergency or Off-Normal Operating Procedures (EOPs or ONOPs, respectively) which are required to mitigate the effects of an accident or event do not require formal team request approval, because these actions are previously reviewed and approved by the normal procedure approval process.
  - a. Teams assigned to perform tasks in accordance with EOPs or ONOPs should be documented and tracked for accountability.
2. Urgent situations such as personnel rescue, fire response or medical emergencies are exempt from this process, but should still be controlled as much as possible depending on the event.
3. Personnel receiving exposures anticipated being in excess of 10 CFR 20 limits should be volunteers familiar with the consequences of the radiological exposure.
4. Emergency exposures shall be limited to once in a lifetime for any individual.
5. Females of childbearing age shall not be permitted to receive exposures in excess of 10 CFR 20 limits.
6. Requests for actions to be performed by re-entry teams such as valve operations, repairs, damage assessments, chemistry samples, radiation monitoring, etc. should be documented in the TSC on the Team Tracking Board and in the logbooks.
7. Non-ERO personnel who may be requested to perform damage assessments, QC verifications, etc., should be utilized as part of an ERO-qualified team whose members are familiar with plant layout and can provide appropriate radiological monitoring support.
8. Any team requests should be coordinated through the TSC Supervisor for presentation to the Emergency Management Staff.
9. The Emergency Coordinator, in consultation with the appropriate TSC Supervisors, should determine the feasibility and priority of team requests by evaluating the following:
  - a. Existing or potential hazards to re-entry members (electricity, toxic gases, obstructions, barriers, oxygen levels, etc.).
  - b. Time constraints to perform task.
  - c. The benefit of performing the task versus the risk associated.
  - d. Radiological data to determine plant areas actually or potentially affected by radiation or contamination.
10. The Emergency Coordinator or designee should authorize the TSC Maintenance Manager to request a re-entry team by verbal communication to the OSC Manager and forward the information by faxing a copy of the Team Tracking Board to the OSC.

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## ATTACHMENT 1

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## FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM

1. A. ☐ THIS IS A DRILL B. ☐ THIS IS AN ACTUAL EVENT  
ONLINE NOTIFICATION: ☐ SWP ☐ MIAMI-DADE COUNTY ☐ MONROE COUNTY  
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 ☐ Unknown B. Contaminated: ☐ No ☐ Yes ☐ Unknown9. 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 ( $\leq 2.8$  ci/sec noble gas,  $\leq 3.7$  E-4 ci/sec iodine)  
C. ☐ Non-Significant Fraction of PAG Range (release is  $>$  normal limits and  $< 500$  mR TEDE and 1000 mR CDE)  
D. ☐ PAG Range ( $\geq 500$  mR TEDE or  $\geq 1000$  mR CDE)

## 12. UTILITY RECOMMENDED PROTECTIVE ACTIONS

- A. ☐ NONE B. ☐ SHELTER ZONES/AREAS: \_\_\_\_\_ (Not for FPL Use)  
EVACUATE ZONES/AREA: \_\_\_\_\_ (Not for FPL Use)  
OR C. ☐ 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

EC or RM Approval Signature \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

15. MESSAGE RECEIVED BY: Name \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

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## ATTACHMENT 1

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## FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM SUPPLEMENTAL DATA SHEET

The following supplemental data is to be completed after the TSC or EOF is declared operational at Alert of higher 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 <input type="checkbox"/>	Clad is intact but losing subcooling, water level, etc. <input type="checkbox"/>	Clad has failed, indicated by high temps., high containment rad, etc. <input type="checkbox"/>	Cooling restored, no further degradation expected <input type="checkbox"/>
PR/REACTOR COOLANT SYSTEM	Leakage is within normal charging or makeup pump capacity <input type="checkbox"/>	Leakage is within safety injection capacity <input type="checkbox"/>	Leakage exceeds safety injection capacity <input type="checkbox"/>	Leakage reduced to within injection capacity (system repaired) <input type="checkbox"/>
CONTAINMENT	No evidence of containment leakage or tube rupture release is only through condenser <input type="checkbox"/>	No leakage but containment pressure is at or above safety system actuation points <input type="checkbox"/>	Evidence of containment leakage (known release-path or rad surveys) <input type="checkbox"/>	Repair Efforts have isolated leak or containment pressure has reduced to stop leakage <input type="checkbox"/>

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: \_\_\_\_\_ B. ☐ LIQUID Time/Date started: \_\_\_\_\_  
 Time/Date stopped: \_\_\_\_\_ 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  
 C. Stability Class \_\_\_\_\_

COMPLETED BY: \_\_\_\_\_ TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

Emergency Coordinator or Recovery Manager Approval \_\_\_\_\_

## ATTACHMENT 1

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## FLORIDA NUCLEAR PLANT EMERGENCY NOTIFICATION FORM

## METEOROLOGICAL WORKSHEET

SECTOR REFERENCE:

The chart below can be used to determine sectors affected by a radiological release, through comparison with wind direction from the meteorological recorders in the Control Room.

If the wind direction is directly on the edge of two sectors (e.g., 11°, 33°, 56°, etc.), an additional sector should be added to the protective action recommendations. For example, if the wind direction is from 78°, then the affected sectors for PARs should be L, M, N and P.

SECTOR INFORMATION:

WIND SECTOR	WIND FROM	DEGREES	WIND TOWARD	SECTORS AFFECTED
[A]	N	348-11	S	HJK
[B]	NNE	11-33	SSW	JKL
[C]	NE	33-56	SW	KLM
[D]	ENE	56-78	WSW	LMN
[E]	E	78-101	W	MNP
[F]	ESE	101-123	WNW	NPQ
[G]	SE	123-146	NW	PQR
[H]	SSE	146-168	NNW	QRA
[J]	S	168-191	N	RAB
[K]	SSW	191-213	NNE	ABC
[L]	SW	213-236	NE	BCD
[M]	WSW	236-258	ENE	CDE
[N]	W	258-281	E	DEF
[P]	WNW	281-303	ESE	EFG
[Q]	NW	303-326	SE	FGH
[R]	NNW	326-348	SSE	GHJ

STABILITY CLASSIFICATION REFERENCE:

The below chart can be used to determine atmospheric stability classification for notification to the State of Florida. Primary method is from  $\Delta T$  via the South Dade (60 meter) tower. Backup method is from Sigma Theta via the Ten Meter Tower. If neither meteorological tower is available, Stability Classification shall be determined using data from National Weather Service (See 0-EPIP-20126, Off-site Dose Calculations).

CLASSIFICATION OF ATMOSPHERIC STABILITY:

Stability Classification	Pasquill Categories	Primary Delta T (°F)	Backup Sigma Theta Range (Degrees)
Extremely unstable	A	$\Delta T \leq -1.7$	$ST \geq 22.5$
Moderately unstable	B	$-1.7 < \Delta T \leq -1.5$	$22.5 > ST \geq 17.5$
Slightly unstable	C	$-1.5 < \Delta T \leq -1.4$	$17.5 > ST \geq 12.5$
Neutral	D	$-1.4 < \Delta T \leq -0.5$	$12.5 > ST \geq 7.5$
Slightly stable	E	$-0.5 < \Delta T \leq +1.4$	$7.5 > ST \geq 3.8$
Moderately stable	F	$+1.4 < \Delta T \leq +3.6$	$3.8 > ST \geq 2.1$
Extremely stable	G	$+3.6 < \Delta T$	$2.1 > ST$

Meteorological information needed to fill out the Florida Nuclear Plant Emergency Notification Form is available from the Dose Calculation Worksheet (0-EPIP-20126). The Worksheet shall be filled out by Chemistry and given to the Emergency Coordinator.

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**ATTACHMENT 2**  
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**EVENT NOTIFICATION WORKSHEET**

NRC FORM 361 (12-2000)		<b>REACTOR PLANT EVENT NOTIFICATION WORKSHEET</b>				US NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER	
NRC OPERATION TELEPHONE NUMBER: PRIMARY - 301-816-5100 OR 800-532-3469*, BACKUPS - [1st] 301-951-0550 or 800-449-3694*, [2nd] 301-415-0550 AND [3rd] 301-415-0553 *Licensees who maintain their own ETS are provided these telephone numbers.							
NOTIFICATION TIME	FACILITY OR ORGANIZATION		UNIT	NAME OF CALLER		CALL BACK #	
EVENT TIME & ZONE	EVENT DATE	POWER/MODE BEFORE			POWER/MODE AFTER		
<b>EVENT CLASSIFICATIONS</b>		<b>1-Hr. Non-Emergency 10 CFR 50.72(b)(1)</b>			<b>(v)(A) Safe S/D Capability AINA</b>		
GENERAL EMERGENCY	GEN/AAEC	TS Deviation ADEV			<b>(v)(B) RHR Capability AINB</b>		
SITE AREA EMERGENCY	SIT/AAEC	<b>4-Hr. Non-Emergency 10 CFR 50.72(b)(2)</b>			<b>(v)(C) Control of Rad Release AINC</b>		
ALERT	ALE/AAEC	(i) TS Required S/D ASHU			<b>(v)(D) Accident Mitigation AIND</b>		
UNUSUAL EVENT	UNU/AAEC	(iv)(A) ECCS Discharge to RCS ACCS			<b>(vi) Off-site Medical AMED</b>		
50.72 NON-EMERGENCY (see next column)		(iv)(B) RPS Actuation (scram) ARPS			<b>(vii) Loss Conn/Aemt/Resp ACOM</b>		
PHYSICAL SECURITY (73.71)	DDDD	(x) Off-site Notification APRE			<b>60-Day Optional 10 CFR 50.73(a)(1)</b>		
MATERIAL/EXPOSURE	B???	<b>8-Hr. Non-Emergency 10 CFR 50.72(b)(3)</b>			Invalid Specified System Actuation AINV		
FITNESS FOR DUTY	HFIT	(ii)(A) Degraded Condition ADEG			<b>Other Unspecified Requirement (Identify)</b>		
OTHER UNSPECIFIED REOMT. (see last column)		(ii)(B) Unanalyzed Condition AUNIA			NONR		
INFORMATION ONLY	NNF	(iv)(A) Specified System Actuation AESF			NONR		
<b>DESCRIPTION</b>							
Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions or planned, etc. (Continue on back)							
L E							
NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD? <input type="checkbox"/> YES (Explain above) <input type="checkbox"/> NO			
NRC RESIDENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
STATE(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DID ALL SYSTEMS FUNCTION AS REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO (Explain above)			
LOCAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
OTHER GOV AGENCIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MODE OF OPERATION UNTIL ESTIMATED RESTART DATE: <input type="checkbox"/> YES <input type="checkbox"/> NO			
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CORRECTED: <input type="checkbox"/> YES <input type="checkbox"/> NO			

NRC FORM 361 (12-200)



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## EVENT NOTIFICATION WORKSHEET

## ADDITIONAL INFORMATION

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RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)						
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFF-SITE RELEASE	T.S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL EXPOSED OR CONTAMINATED		OFF-SITE PROTECTIVE ACTIONS RECOMMENDED			*State release path in description	
	Release Rate (Ci/sec)	% T.S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T.S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Iodine			10 uCi/sec			0.01 Ci
Particulate			1 uCi/sec			1 mCi
Liquid (excluding tritium and dissolved noble gases)			10 uCi/min			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	
RAD MONITOR READINGS:						
ALARM SETPOINTS:						
% T.S. LIMIT (if applicable)						
RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)						
LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc)						
LEAK RATE:	UNITS: gpm/gpd	T.S. LIMITS:	SUDDEN OR LONG TERM DEVELOPMENT:			
LEAK START DATE:	TIME:	COOLANT ACTIVITY AND UNITS:	<input type="checkbox"/> PRIMARY		<input type="checkbox"/> SECONDARY	
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:						

EVENT DESCRIPTION (Continued from front)

LE

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**ATTACHMENT 3.  
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**EMERGENCY PLAN SECURITY CHECKLIST**

ITEM	EVENT/ACTION	START TIME	FINISH TIME
1	TYPE OF EVENT	N/A	N/A
A	LOCAL AREA EVACUATION		
B	CONTROL ROOM EVALUATION		
	S/O POSTED AT D840	N/A	
C	UNUSUAL EVENT		N/A
D	ALERT - PATROL DISPATCHED FOR OCA NOTIFICATION		N/A
	SCHOOL/TRAINING/WELLNESS COMPLEX NOTIFIED	N/A	
	BOAT RAMP SIGNS POSTED/PERSONNEL NOTIFIED	N/A	
	RED BARN/SCOUT CAMP NOTIFIED	N/A	
	SWITCHYARD PERSONNEL NOTIFIED	N/A	
	PERSONNEL IN TRAILERS SOUTH OF CRF NOTIFIED	N/A	
	PERSONNEL IN LAYDOWN AREA NORTH OF CRF NOTIFIED	N/A	
	FOSSIL CONTROL ROOM NOTIFIED	N/A	
	OCA NOTIFICATIONS COMPLETE	N/A	
E	SITE AREA EMERGENCY		N/A
F	GENERAL EMERGENCY		N/A
2	DISPATCH SUPERVISOR AND S/O TO OPEN TSC		N/A
A	TSC POSTED	N/A	
3	DISPATCH 2 S/Os TO OPEN OSC		N/A
A	OSC POSTED	N/A	
4	TSC SECURITY SUPERVISOR POSTED IN TSC	N/A	

## ATTACHMENT 3

(Page 2 of 3)

## EMERGENCY PLAN SECURITY CHECKLIST

ITEM	EVENT/ACTION	START TIME	FINISH TIME
5	EVACUATION ROUTE <input type="checkbox"/> PRIMARY <input type="checkbox"/> ALTERNATE	N/A	N/A
A	PRIMARY EVACUATION ROUTE	N/A	N/A
	DISPATCH S/O TO PRIMARY OSAA		N/A
	DISPATCH S/O TO FPL PROPERTY LINE		N/A
	S/O POSTED AT PRIMARY OSAA	N/A	
	S/O POSTED AT FPL PROPERTY LINE	N/A	
	S/O AT PROPERTY LINE RELOCATED TO LLEA CONTROL POINT	N/A	
B	ALTERNATE EVACUATION ROUTE	N/A	N/A
	DISPATCH S/Os TO TOWER GATE AND ALTERNATE OSAA		N/A
	S/O POSTED AT TOWER GATE	N/A	
	S/O POSTED AT ALTERNATE OSAA	N/A	
	S/O POSTED AT CARD SOUND ROAD	N/A	
6	PA ACCESS RESTRICTED TO ERD PERSONNEL		N/A
7	VISITORS DIRECTED TO LEAVE PA		N/A
A	VISITORS ACCOUNTED FOR	N/A	
8	CONTRACTOR PERSONNEL DIRECTED TO LEAVE PA		N/A
A	CONTRACTOR PERSONNEL ACCOUNTED FOR	N/A	
9	PA EVACUATION DIRECTED		N/A
A	ACCOUNTABILITY STARTED		N/A
B	INITIAL ACCOUNTABILITY COMPLETED	N/A	
C	ALL PERSONNEL ACCOUNTED FOR	N/A	
D	RCA SWEEPS STARTED		N/A
E	RCA SWEEPS COMPLETED	N/A	
F	PA SWEEPS STARTED		N/A
G	PA SWEEPS COMPLETED	N/A	



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**ATTACHMENT 4**

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**TSC EMERGENCY VENTILATION SYSTEM PERFORMANCE LOG**

DATE	TIME	PREFILTER DPI-6409A ( $<1.2$ in. $H_2O$ )	HEPA (DPI-6409B) ( $<3.0$ in. $H_2O$ )	CHARCOAL (DPI-6409C) ( $<3.0$ in. $H_2O$ )	FINAL (DPI-6409D) ( $<3.0$ in. $H_2O$ )	TOTAL (DPI-6409) ( $<7.0$ in. $H_2O$ )
SAMPLES						



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**ATTACHMENT 6**  
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**TSC STAFF ACCOUNTABILITY LOG**

DATE: \_\_\_\_\_

<u>POSITION</u>	<u>NAME</u>	<u>BADGE NO.</u>
Emergency Coordinator	_____	_____
TSC Chemistry Supervisor	_____	_____
TSC Document Control Personnel	_____	_____
TSC Document Control Personnel	_____	_____
TSC Dose Assessment Recorder	_____	_____
TSC Dose Assessment Technician	_____	_____
TSC Electrical/I&C Engineer	_____	_____
TSC ENS Communicator	_____	_____
TSC EOF Communicator	_____	_____
TSC ERDADS Operator	_____	_____
TSC Health Physics Supervisor	_____	_____
TSC HPN Communicator	_____	_____
TSC HP/OSC Communicator	_____	_____
TSC Licensed Operator Support	_____	_____
TSC Mechanical Engineer	_____	_____
TSC Maintenance/Eng Liaison	_____	_____
TSC Maintenance Manager	_____	_____
TSC Off-site Team Leader	_____	_____
TSC Operations Manager	_____	_____

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**TSC STAFF ACCOUNTABILITY LOG**

DATE: \_\_\_\_\_

<u>POSITION</u>	<u>NAME</u>	<u>BADGE NO.</u>
TSC Plant Data Communicator	_____	_____
TSC Reactor Engineer	_____	_____
TSC Security Supervisor	_____	_____
TSC Security Officer	_____	_____
TSC Security Officer	_____	_____
TSC Site Corporate Communicator	_____	_____
TSC Station Area Operations Supervisor	_____	_____
TSC State/County Communicator	_____	_____
TSC Supervisor	_____	_____
TSC Tech Assist to Emerg Coord	_____	_____
Miscellaneous Positions/Additions	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



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**ATTACHMENT 7**

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**SECURITY ACCOUNTABILITY SHEET**

Badge #'s 1-500	Badge #'s 501-1000	Badge #'s 1001-1500	Badge #'s 1501-2000	Badge #'s 2001-2500	Badge #'s 2501-3000
Badge #'s 3001-3500	Badge #'s 3501-4000	Badge #'s 4001-4500	Badge #'s 4501-5000	Badge #'s 5001-5500	Badge #'s 5501-5599

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**ATTACHMENT 8**  
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**TSC FIRST RESPONDER  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

- ☐ If not already unlocked by Security, unlock the TSC using the TSC key located in the break glass.
- ☐ Energize breakers for TSC lighting as listed on the breaker panel located inside the TSC door.
- ☐ Sign in on the TSC Staff Accountability Board and record badge numbers.
- ☐ Secure (turn off) the exhaust fans located in the bathroom and kitchen (above stove) to establish pressure boundary.

Initiate TSC Ventilation System by completing the following tasks:

- ☐ a. On the Emergency Ventilation Panel, set Air Removal Filter switch to EMERG.
- ☐ b. On the Emergency Ventilation Panel, set Air Handler Unit switch to BYPASS.
- ☐ c. On the Emergency Ventilation Panel, set Humidity Control switch to ON.
- ☐ d. On the Air Conditioning thermostat, set Thermostat Fan switch to ON.
- ☐ e. Verify the DP Gauge located in the ERDADS Operator cubicle on the west wall indicates a positive pressure when the TSC doors are closed.

Start the TSC Continuous Air Monitor (CAM) located in the Telephone Equipment Room by completing the following tasks:

- ☐ a. Verify the CAM power cord is plugged into an electrical outlet.
- ☐ b. Turn CAM Power Switch to ON located on the back of the CAM (if not already on).
- ☐ c. Turn Sample Pump Power ON using switch located on the pump power cord.
- ☐ d. Log start time and date on the CAM strip chart recorder located on the front of the CAM.

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**ATTACHMENT 8**  
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**TSC FIRST RESPONDER  
CHECK-OFF SHEET**

- ☐ Unlock the TSC Document Control Cabinets
- ☐ Activate the Emergency Response Data System (ERDS). Refer to Enclosure 1 for activation instructions.
- ☐ a. Once the ERDS link has been established ensure the ENS communicator informs the NRC that the link is in place.
- ☐ Verify audibility of the Plant Page System throughout the TSC.
- ☐ Turn the copy machine on.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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## ATTACHMENT 9

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### TSC SUPERVISOR CHECK-OFF SHEET

#### NOTE

*The following attachment steps may be performed out of sequence.*

#### Facility Activation

- ☐ Ensure Step 5.1.2 for the first emergency responders has been completed.
- ☐ Sign in on the TSC Staff Accountability Board and record badge number.
- ☐ Ensure all emergency responders sign in on the TSC Staff Accountability Board.
- Ensure the following TSC positions have been filled to satisfy minimum staffing requirements prior to the Emergency Coordinator declaring the TSC Operational:
  - a. Emergency Coordinator (1)
  - ☐ b. TSC Health Physics Supervisor (1)
  - ☐ c. TSC Maintenance Manager (1) or TSC Mechanical Engineer (1)
  - ☐ d. TSC Technical Assistant to the Emergency Coordinator (1)
  - ☐ e. TSC Chemistry Supervisor (1)
  - ☐ f. TSC ENS Communicator (1)
  - ☐ g. TSC Dose Assessment Technician (1)
  - ☐ h. TSC Reactor Engineer (1)
  - ☐ i. TSC Electrical / I&C Engineer (1)
- ☐ Upon arrival of the TSC Licensed Operator, determine the need for off-site assistance.
- ☐ Ensure Determination of on-site manpower requirements.
- ☐ Verify adequate communication capabilities exist within the TSC.
- ☐ Ensure facility clocks are synchronized to time indicated on ERDADS.
- ☐ Take actions to fill position vacancies within the TSC.

ATTACHMENT 9  
(Page 2 of 3)TSC SUPERVISOR  
CHECK-OFF SHEETFacility Activation (Cont'd)

- ☐ Ensure speed memos, and other supplies are available for the TSC Staff.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.
- ☐ When the Emergency Coordinator's duties have been transferred to the TSC, have the Control Room make an announcement to inform plant personnel that the TSC has been activated.

Facility Operation

- ☐ Direct technical and operational assessment activities as required.
- ☐ Verify that the Plant Data and Sequence of Events Boards are maintained and updated in a timely manner.
- ☐ Inform the Emergency Coordinator of assessment activities, equipment, and problems.
- ☐ Periodically verify operability of the TSC ventilation system.
- ☐ Contact additional support personnel as needed.
- ☐ Verify operability of, and timeliness of, communication/ notification links.
- ☐ Periodically review team priorities on the Team Tracking Board.
- ☐ Update the TSC Operations Manager and Emergency Coordinator on team requests and priorities and relay requests and priority adjustments to the TSC Maintenance Manager for disposition.
- ☐ Review and route Speed Memos to the appropriate supervisor for resolution/answer.
- ☐ Resolve equipment and assessment capability problems.
- ☐ Approximately every 45 minutes, have the Emergency Coordinator provide a status update and include the disciplines listed on Attachment 5, or acquire status updates from the disciplines listed on Attachment 5 and provide the completed form to the EC for his update.
- ☐ Maintain a log of activities.

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**ATTACHMENT 9  
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**TSC SUPERVISOR  
CHECK-OFF SHEET**

**Facility Closeout and Restoration**

- ☐ Coordinate TSC deactivation with the Emergency Coordinator.
- ☐ Deactivate ERDS in accordance with Enclosure 1.
- ☐ Direct TSC deactivation with all TSC personnel.
- ☐ Verify TSC accountability and ensure TSC Security personnel have properly completed a form similar to Attachment 6.
- ☐ Collect all paperwork generated during the event and forward to the Emergency Preparedness Coordinator.
- Restore the TSC Ventilation System by completing the following tasks.
  - ☐ a. On the Emergency Ventilation Panel, set Air Removal Filter switch to NORMAL.
  - ☐ b. On the Emergency Ventilation Panel, set Air Handler Unit to NORMAL.
  - ☐ c. On the Emergency Ventilation Panel, set Humidity Control switch to OFF.
  - ☐ d. On the Air Conditioning Thermostat, set Thermostat Fan switch to AUTO.
  - ☐ e. Place the exhaust fan switch in the restroom (wall switch on east wall) to ON.
- ☐ De-energize the TSC Continuous Air Monitor and Sample Pump.
  - ☐ a. Log stop time and date on the CAM strip chart recorder located on the front of the CAM.
  - ☐ b. Ensure the TSC Health Physics Supervisor retains the filter for radiological analysis.
  - ☐ c. Unplug CAM power cord.
  - ☐ d. Turn sample pump off using switch located on pump power cord.
- ☐ Ensure a final printout of the boards is made and all boards are erased.
- ☐ Ensure the TSC has been returned to its original condition.
- ☐ Release TSC personnel, as appropriate.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 10**  
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**TECHNICAL ASSISTANT TO EMERGENCY COORDINATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Determine present Emergency Action Level status.
- ☐ Ensure latest notifications to off-site agencies correctly portrayed present situation.
- ☐ Assist the TSC Operations Manager in utilizing the Emergency Operating Procedures.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

**Facility Operation**

- ☐ Follow the sequence of events through the associated EPIPs.
- ☐ a. Ensure completion of applicable steps of 0-EPIP-20101, Duties of the Emergency Coordinator, as verification for the EC.
- ☐ Assist in the determination of Emergency Action Level status.
- ☐ Assist the Emergency Coordinator in developing Protection Action Recommendations (PARs) based on plant conditions from the TSC Operations Manager, and on Dose Projections from the TSC Chemistry Supervisor.
- ☐ Ensure that Protection Action Recommendations made by FPL and Protection Action Recommendations issued by government agencies are posted on the 10-Mile EPZ Map in the management area of the TSC.
- ☐ Assist the TSC Operations Manager in following Control Room actions through the Emergency Operating Procedures.
- ☐ Provide SRO expertise for accident assessment functions, as necessary.
- ☐ Assist the Emergency Coordinator with preparation for TSC briefings using Attachment 5 as necessary.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

## ATTACHMENT 11

(Page 1 of 2)

TSC MAINTENANCE MANAGER  
CHECK-OFF SHEET**NOTE***The following attachment steps may be performed out of sequence.***Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Establish communication link with the OSC Manager using the phone number listed in the ERD.
- ☐ Commence updating the TSC Team Tracking Board for teams previously or presently out in the plant (operators involved in mitigation activities, etc.) and ensure that this information is provided to the OSC Manager.
- ☐ Update the Emergency Coordinator on the status of OSC activation.
- ☐ Ensure the availability and readiness of company vehicles for Off-site ERT use, as necessary.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

**Facility Operation**

- ☐ Inform the Emergency Coordinator when the OSC becomes operational.
- ☐ Inform the OSC Manager when TSC briefings are taking place.
- ☐ Communicate approved team requests to the OSC.
  - ☐ a. Record team activities in the logbook.
  - ☐ b. Periodically print out copies of the Team Tracking Board for review and retention.
  - ☐ c. Fax a printout of the TSC Team Tracking Board to the OSC as necessary.



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**ATTACHMENT 11**  
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**TSC MAINTENANCE MANAGER  
CHECK-OFF SHEET**

Coordinate assigning priorities to team activities with the following applicable positions and provide the OSC Manager with assigned priorities:

- ☐ a. Emergency Coordinator
- ☐ b. TSC Supervisor
- ☐ c. TSC Operations Manager
- ☐ d. TSC HP Supervisor
- ☐ e. TSC Chemistry Supervisor
- ☐ f. TSC Lead Engineer

☐ Provide TSC personnel with updates and results of team activities.

☐ Ensure that the Team Tracking Board is maintained and updated in a timely manner.

- ☐ a. Teams assigned multiple tasks should be updated as the tasks are completed in order to maintain accurate and current accountability of the teams.

☐ Provide the OSC with pertinent information concerning team activities (i.e., when unit goes to recirculation, release identified, etc.) as it becomes available.

☐ Communicate results of damage assessments to the Emergency Coordinator in a timely manner.

☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 12**  
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**TSC OPERATIONS MANAGER  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Establish a communication link with the Control Room, TSC Technical Support Group and OSC Operation Supervisor.
- ☐ a. Establish Control Room communications by calling the appropriate extension (refer to ERD).
- ☐ b. Place the Control Room on hold by depressing the conference button.
- ☐ c. Establish OSC Operations Communications by calling the appropriate extension (Ref to ERD)
- ☐ d. Place the OSC Operations Supervisor on hold by depressing the conference button.
- ☐ e. Establish TSC Technical Support Communications by dialing the Tech Support Extension (Refer to ERD).
- ☐ f. When TSC Tech Support Communications are established, establish conference call with the Control Room and the OSC Operations Supervisor by again pressing conference button.
- ☐ g. Conference call should be established with the Control Room, TSC Operations Manager, TSC Technical Support Group and the OSC Operations Supervisor.
- ☐ h. Handsfree communications may be established by pressing the Handsfree mute button and hanging up the handset.
- ☐ i. Ensure the TSC Tech Support Group's phone is in Listen Only mode (i.e., with microphone off).
- ☐ j. If the TSC Chemistry Supervisor is monitoring the Tech Support Extension, ensure Chemistry/HP phone is in Listen Only mode also.
- ☐ Determine the status of turnover of the plant operators from the Control Room.
- ☐ Notify the Control Room when the TSC/OSC are activated to ensure operators and other teams will commence receiving direction from the TSC/OSC.

**Technical Support Center (TSC)  
Activation and Operation**

**ATTACHMENT 12  
(Page 2 of 2)**

**TSC OPERATIONS MANAGER  
CHECK-OFF SHEET**

**Facility Activation (Cont'd)**

- ☐ Determine status of jobs being performed/completed by Operations personnel and relay information to the TSC Maintenance Manager and Control Room.
- ☐ Upon turnover of notification/communication duties from the Control Room to the TSC, request the designated Control Room Communicator to monitor the radio channel in use by the field operators, and provide status and updates to the Control Room staff.
- ☐ Log on computer and open LAN based ERDADS/R-TIME. Display ED-3 screen.
- ☐ Ensure plant equipment/ERDADS board projector is turned on.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

**Facility Operation**

- ☐ Control Room requests for mitigating accidents should be given the highest priority to ensure successful and timely completion of EOP activities.
- ☐ a. Document requests for teams from the Control Room in the logbook and forward requests to the TSC Supervisor.
- ☐ Update the Control Room on the team activities in the OSC.
- ☐ Act as a liaison between the TSC, OSC, and the Control Room.
- ☐ a. Provide feedback to the Control Room on the status of team activities.
- ☐ b. Communicate results of damage assessments to the Emergency Coordinator in a timely manner.
- ☐ Follow Control Room actions through the Emergency Operating Procedures and provide the TSC Maintenance Manager with requests for teams from the EOP's.
- ☐ Assist in the determination of Emergency Action Level status.
- ☐ Provide plant condition information to the Emergency Coordinator for development of Protective Action Recommendations.
- ☐ **IF** the emergency involves a security response, **THEN** designate a Licensed Operator to serve as a liaison in SAS/CAS, as needed.
- ☐ Document any use of 50.54(x) in accordance with 0-ADM-207, Operations Instructions, in the Event of a Situation Not Addressed by Procedure, and ensure deviations are communicated to the Control Room.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 13**  
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**TSC HEALTH PHYSICS SUPERVISOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Verify the operability of the continuous air monitor using 0-HPT-013.3, CALIBRATION AND OPERATION OF THE EBERLINE BETA AIR MONITORING SYSTEM MODEL AMS-3(A).
- ☐ Upon arrival of the TSC HP OSC Communicator, ensure communication is established with the OSC HP Communicator.
- ☐ Upon arrival of the HPN Communicator, ensure communication is established with the NRC, as required.
- ☐ a. Record transmitted information in the HPN Communicator logbook.
- ☐ Determine the need for and the availability of the Off-site Emergency Response Teams.
- ☐ Ensure the TSC Off-site Team Leader establishes communications with the Off-site Emergency Response Teams, as needed.
- ☐ Acquire significant meteorological and radiological data for off-site radiological assessment from ERDADS (R3) or the Control Room.
- ☐ Commence updating the Area Radiation Monitor Status Board.
- ☐ Provide dosimetry to responders, as required.
- ☐ Establish a radiological control point for the TSC, as necessary.
- ☐ Verify operability of the TSC HP/Chemistry fax machine.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

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**TSC HEALTH PHYSICS SUPERVISOR  
CHECK-OFF SHEET**

**Facility Operation**

- ☐ Periodically assess habitability and dose rates within the TSC.
- ☐ Ensure the OSC Manager dispatches an on-site re-entry team, as necessary, to perform surveys of the areas being inhabited during the emergency, i.e., Control Rooms, TSC, OSC, CAS, and SAS.
- ☐ Ensure TSC staff check personal dosimetry approximately once every thirty minutes.
- ☐ Ensure adequacy of HPN communications.
- ☐ Update the Off-site Emergency Response Teams at a minimum of once an hour or as conditions change or information becomes available.
- ☐ Ensure the TSC Offsite Team Leader is coordinating FPL off-site emergency response teams with Department of Health - Bureau of Radiation Control field teams through the EOF Field Monitoring Coordinator, as necessary.
- ☐ Ensure that the Area Radiation Monitor Board is maintained and updated in a timely manner.
- ☐ Update the OSC as conditions change or information becomes available by using the fax machine or telephone.
- ☐ Review team requests pertaining to Health Physics activities and forward to the TSC Supervisor.
- ☐ Upon notification of a release, or the need to evacuate the site, determine evacuation route as needed.
- ☐ a. Ensure the Assembly Area Supervisor is dispatched to the appropriate assembly area prior to the evacuation order.
- ☐ Update the Emergency Coordinator on a periodic basis (approximately every 30 minutes, or as significant changes occur).
- ☐ Maintain a log of activities.

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**ATTACHMENT 14**  
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**TSC CHEMISTRY SUPERVISOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
  - ☐ Upon arrival of the TSC Dose Assessment Technician ensure Off-site Dose Calculations are initiated, in accordance with 0-EPIP-20126, OFF-SITE DOSE CALCULATIONS.
  - ☐ Acquire significant meteorological and radiological data for accident assessment purposes, using the most accurate and reliable source in accordance with 0-EPIP-20126, OFF-SITE DOSE CALCULATIONS.
  - ☐ Upon arrival of the TSC Dose Assessment Recorder, ensure updating of the Dose Assessment and Process Radiation Monitor Status Boards are initiated using ERDADS printout Off-site Dose Radiological Data (R3).
  - ☐ Determine status of previous dose assessment activities from the on-shift Chemistry Technician, if applicable.
  - ☐ Fax completed dose calculation information to the EOF for use during activation.
- If a Listen Only communication link between the Control Room and the TSC Operations Manager is desired, perform the following:
- ☐ a. Press the button for Extension 6464.
  - ☐ b. Press the Handsfree Mute button for Listen Only capability.
  - ☐ c. Adjust volume
  - ☐ Inform the Emergency Coordinator that these activation steps have been completed.

## ATTACHMENT 14

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TSC CHEMISTRY SUPERVISOR  
CHECK-OFF SHEETFacility Operation

- ☐ Ensure off-site dose calculations are performed in accordance with 0-EPIP-20126, OFF-SITE DOSE CALCULATIONS, as conditions change and in conjunction with the EOF.
- ☐ Acquire and analyze the results of Chemistry sampling data.
- ☐ Ensure that the Process Radiation Monitor and Dose Assessment Status Boards are maintained and updated in a timely manner.
- ☐ Review team requests pertaining to Chemistry activities and forward to the TSC Supervisor.
- ☐ Provide the Emergency Coordinator with briefings approximately every 30 minutes on dose assessment activities and results, or as significant changes occur.
- ☐ Provide applicable data to the Emergency Coordinator for the determination of protective action recommendations based on off-site dose projections approximately every 30 minutes or as necessary.
- ☐ Update the 10-Mile EPZ Map in the HP/Chemistry area with the Protective Action Recommendations issued to the public.
- ☐ Provide offsite dose calculation information to the TSC Technical Support Group during implementation of SAMG.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 15**  
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**TSC DOSE ASSESSMENT TECHNICIAN  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Initiate Off-site Dose Calculations in accordance with 0-EPIP-20126, OFF-SITE DOSE CALCULATIONS.

**Facility Operation**

- ☐ Perform off-site dose calculations in accordance with 0-EPIP-20126, OFF-SITE DOSE CALCULATIONS.
- ☐ Ensure all previous dose calculation paperwork is faxed to the EOF to expedite EOF activation.
- ☐ Provide applicable data to the TSC Chemistry Supervisor for the determination of Protection Action Recommendations.
- ☐ Coordinate dose assessment with the EOF.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_



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**ATTACHMENT 16**  
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**TSC SECURITY SUPERVISOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Determine present status of Security Force activities by completing the appropriate sections of a form similar to Attachment 3.
- ☐ Commence updating the Security Status Board with security activities.
- ☐ Upon arrival of the TSC Security Officer, ensure access to and egress from the TSC is controlled, and assistance is given in the maintenance of TSC accountability.
- ☐ Ensure the Security Officer is present in the OSC and performing the following duties:
  - ☐ a. Referencing 0-EPIP-20133, Operations Support Center (OSC) Activation and Operation for outlined responsibilities.
  - ☐ b. Controlling the protected area and vital area keys.
  - ☐ c. Controlling access to and egress from the OSC.
  - ☐ d. Initiating the OSC Staff Accountability Log.
- ☐ Ensure accountability within the facility has been established and is maintained, and that a form similar to Attachment 6 has been initiated.
- ☐ For Security related, operational issues, coordinate with the TSC Operations Manager for the dispatch of a licensed operator to respond to the Security Command Post as Security Command Post Operations.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

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**TSC SECURITY SUPERVISOR  
CHECK-OFF SHEET**

**Facility Operation**

- ☐ Implement, and ensure the Security Force has implemented SFI-6307, Emergency Evacuation and Accountability, as necessary.
- ☐ Ensure the TSC Staff Accountability Board is maintained and a form similar to Attachment 6 is completed.
- ☐ a. Upon completion of the TSC Staff Accountability Log (form similar to Attachment 6), complete a Security Accountability Sheet (form similar to Attachment 7) and fax or deliver to the Secondary Alarm Station.
- ☐ Ensure the Security Events Status Board is updated in a timely manner.
- ☐ Provide an initial accountability report to the Emergency Coordinator within 30 minutes of a Site Evacuation Announcement in accordance with SFI-6307, EMERGENCY EVACUATION AND ACCOUNTABILITY.
- ☐ Coordinate security activities with other departments as applicable.
- ☐ Provide the Emergency Coordinator with briefings on the status of security activities (i.e., Site Evacuation, accountability results, etc.).
- ☐ Provide assistance to local law enforcement agencies, as directed by the EOF Security Manager.
- ☐ Recommend to the Emergency Coordinator, when appropriate, the suspension of some or all safeguards. Ensure use of 50.54(x) is coordinated with the TSC Operations Manager.
- ☐ Coordinate off-site security assistance through the EOF Emergency Security Manager.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 17**  
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**TSC LICENSED OPERATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.

**Facility Operation**

- ☐ Provide operational information and guidance to the TSC Technical Support personnel, and other personnel, as necessary, to effectively coordinate Technical Support activities with Operations and other emergency response personnel.

- ☐ Monitor the status of the unaffected unit and report any operational concerns to the TSC Lead Engineer and the TSC Operations Manager.

If the emergency event involves a fire, conduct the following activities:

- ☐ a. Monitor the fire brigade response and provide input to the Emergency Coordinator.
- ☐ b. Ensure that, as needed, off-site support is responding and provide information to the TSC Supervisor.
- ☐ c. Assist the fire brigade leader in acquiring additional equipment, as needed.
- ☐ d. Review the pre-fire plan of the effected areas and provide input to the Emergency Coordinator

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 18**  
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**TSC PLANT DATA COMMUNICATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Establish an open line of communication with the control room.
- ☐ Obtain copies of the Emergency Coordinator Logbook and other applicable information (e.g., Equipment Out of Service Log, events occurring prior to facility activation, etc.) from the control room via fax, LAN, or other means.
- ☐ Provide the Equipment Out of Service information and other pertinent information to the TSC Maintenance Manager for transmittal to the OSC Manager.
- ☐ Update the Sequence of Events Board, including all events and activities that have occurred up to this point, using the guidelines found in Enclosure 3.

**Facility Operation**

- ☐ Maintain an open line of communication with the control room.
- ☐ Continue updating the Sequence of Events Board, using the guidelines found in Enclosure 3.
- ☐ Provide clarification of data and/or obtain additional data as requested by the TSC.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 19**  
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**TSC ENS COMMUNICATOR  
CHECK-OFF SHEET**

**NOTES**

- *The following attachment steps may be performed out of sequence.*
- *Emergency notification to the NRCOC of a declared event is required within one hour, but after state/county notifications.*
- *Notifications should be made every hour unless updates are agreed to be less frequent, upon termination, or as conditions change (PARs, changes to classifications, significant changes to plant conditions, etc.).*
- *Alternate commercial telephone numbers for the State of Florida and NRC notifications are listed in the Emergency Response Directory (ERD).*
- *Collection of Release Rate data shall not delay State of Florida and NRC notifications. If the data is not available, notification shall be made and followed up as soon as the information is available.*
- *Data for completion of notification forms is obtained from ERDADS printouts and Health Physics/Chemistry Personnel.*
- *If a transitory event has occurred, notifications are still required using this procedure.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of the procedure
- ☐ Acquire copies of the NRC Event Notification Worksheet (form similar to Attachment 2) from the Document Control Files.
- ☐ Verify the operability of the TSC Operations fax machine.
- ☐ Receive turnover from the Control Room Shift Communicator.
- ☐ a. Time of last update
- ☐ b. Time requirement for next update
- ☐ c. Fax copies of previous NRC Event Notification Worksheets.

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**ATTACHMENT 19**

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**TSC ENS COMMUNICATOR  
CHECK-OFF SHEET**

**Facility Operation**

- ☐ Maintain an open line of communication and a transmission log, as necessary.
- ☐ Ensure notifications are initiated within one hour (immediately following State and County notification) of a classification /PAR change or other significant event.
- ☐ Request the TSC Technical Assistant to Emergency Coordinator to log notification times.
- ☐ Log all questions asked by the NRC.
- ☐ Obtain answers to questions from appropriate TSC staff member.
- ☐ Obtain EC approval prior to providing additional information to the NRC.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 20**  
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**TSC STATE/COUNTY COMMUNICATOR  
CHECK-OFF SHEET**

**NOTE**

- *The following attachment steps may be performed out of sequence.*
- *Emergency notification to the State Warning Point of a declared event is required within 15 minutes.*
- *Follow-up notifications should be made every hour unless updates are agreed to be less frequent, upon termination, or as conditions change (PARs, changes to classifications, significant changes to plant conditions, etc.)*
- *Alternate commercial telephone numbers for the State Warning Point are listed in the Emergency Response Directory (ERD).*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Acquire copies of the Florida Nuclear Plant Emergency Notification Form (form similar to Attachment 1) from the Document Control Files.
- ☐ Receive turnover from the Control Room Shift Communicator.
- ☐ a. Time of last update
- ☐ b. Time requirement for next update
- ☐ c. Fax copies of previous Florida Nuclear Plant Emergency Notification Forms

**Facility Operation**

- ☐ When notifications to the State Warning Point are required, complete a form similar to Attachment 1, as required.
- ☐ a. Verify data on form is accurate with appropriate TSC personnel.
- ☐ b. Obtain Emergency Coordinator approval by having him/her review and initial the form similar to Attachment 1.
- ☐ Establish communications with the State Warning Point, as required.
- ☐ a. Contact the State Warning Point using the telephone numbers on the telephone (also listed in the Immediate Notification Section of the ERD).

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 21**  
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**TSC SITE CORPORATE COMMUNICATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Establish the TV monitoring system and verify audio and visual operability, using Enclosure 2.
- ☐ Through the TSC Maintenance Manager, inform the OSC Supervisor to set the OSC TV monitors to the appropriate channel for message reception (Channel 8).
- ☐ Through the EOF Administrative Supervisor, verify reception of the transmission at the EOF.

**Facility Operation**

- ☐ Focus the camera on the TSC sequence of events board.
- ☐ Periodically pan over to the OSC Team Tracking Board.
- ☐ Focus the camera on the Emergency Coordinator during TSC briefings.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_



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**TSC EOF COMMUNICATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of the procedure.
- ☐ Establish communication with the EOF TSC Communicator when the EOF is activated.
- ☐ Fax copies of the Emergency Coordinator Logbook, completed State and NRC Notification Forms and other applicable information to the EOF for their use upon EOF activation. Acquire State Warning Point and NRCOC notification forms and fax to the EOF.
- ☐ Ensure the EOF has received documentation necessary for facility activation.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 23**  
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**TSC LEAD ENGINEER  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.
- ☐ Establish a listen only communications link with the Control Room via conference call with the TSC Operations Manager.
- ☐ a. The TSC Operations Manager should initiate the three-way conference call.
- ☐ b. After the conference call has been established:
  - ☐ (1) Press the Handsfree Mute button to initiate speakerphone.
  - ☐ (2) Press the Handsfree Mute button for Listen Only capability.
  - ☐ (3) Hang up the handset.
  - ☐ (4) Adjust volume.
- ☐ Assign a member of the Technical Support Group to establish communications with the EOF Engineering Staff when the EOF is activated.
- ☐ Upon arrival of the TSC Station Area Operations Supervisor, ensure that the System Control Center computer link is established and Off-site Electrical Transmission System Status is monitored and reported, as required.
- ☐ Upon arrival of the TSC Reactor Engineer, ensure the Core Damage Assessment computer is operational.
- ☐ Ensure the TSC Maintenance/Engineering Liaison establishes communications with the OSC Re-entry Coordinator.
- ☐ Designate a member of the TSC Technical Support Group to monitor CETs.
- ☐ a. If CETs are greater than 1200° F and actions to cool the core are not successful, consult with the TSC Operations Manager and the EC on the need to implement SAMG's.
- ☐ b. Upon implementation of SAMG's, assign an individual to update the SAMG status board.

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**TSC LEAD ENGINEER  
CHECK-OFF SHEET**

**Facility Activation (Cont'd)**

- ☐ Assign an individual to commence updating the Technical Staff Task Assignment Board.
- ☐ a. Occasionally update the EOF Engineering Staff via phone or Fax of Task Board Printout.
- ☐ Ensure Speed Memos are available to the Technical Staff.
- ☐ Inform the Emergency Coordinator that these activation steps have been completed.

**Facility Operation**

If there is an indication of actual or potential fuel damage:

- ☐ a. Ensure 0-EPIP-1302, PTN Core Damage Assessment, is being implemented by the TSC Reactor Engineer.
- ☐ b. Consider providing quick estimates by use of the graphs.
- ☐ c. Ensure that core damage assessment results are communicated to:
  - ☐ (1) Emergency Coordinator
  - ☐ (2) TSC Supervisor
  - ☐ (3) TSC Operations Manager
  - ☐ (4) TSC Chemistry Supervisor
- ☐ If off-normal high airborne particulates are present in the outside air due to grass fires, dust, etc., perform shift surveillance of the TSC Emergency Ventilation System Filters by reading the associated instrumentation in the TSC Air Conditioning Room, and record required data on Attachment 4.
- ☐ a. If any limits in Attachment 4 are exceeded, notify the TSC Supervisor and develop a corrective action plan.
- ☐ Ensure adequacy of Engineering and Technical Support communications.
- ☐ Ensure that the Technical Staff Task Assignment Board is kept current. (Tasks assigned to personnel in the Technical Support Group.)
- ☐ Review team requests originating from the Technical Staff and forward to the TSC Supervisor.

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**TSC LEAD ENGINEER  
CHECK-OFF SHEET**

**Facility Operation (Cont'd)**

- ☐ Review team requests returning to the Technical Staff and disseminate information requested.
- ☐ Ensure Off-site Electrical Distribution System status is monitored and reported, as required.
- ☐ When determining release paths, ensure accuracy of determination prior to terminating the release path search.
- ☐ Document any use of 50.54(x) in accordance with 0-ADM-207, OPERATIONS INSTRUCTIONS IN THE EVENT OF A SITUATION NOT ADDRESSED BY PROCEDURE, and ensure deviations are communicated to the Control Room through the TSC Operations Manager.
- ☐ Monitor Technical Staff operation and continued interaction.
- ☐ Communicate results of damage assessments to the Emergency Coordinator in a timely manner.
- ☐ Provide Technical Support Group expertise to the OSC through the TSC Maintenance Coordinator.
- ☐ Maintain a log of activities.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 24**  
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**TSC TECH SUPPORT GROUP  
CHECK-OFF SHEET**

**NOTES**

- *The following attachment steps may be performed out of sequence.*
- *The Technical Support Group consists of the TSC Lead Engineer, Mechanical Engineer, Electrical/I&C Engineer, Reactor Engineer, Engineering/Maintenance Liaison, Station Area Operations Supervisor, Licensed Operator Support.*

**Facility Activation**

☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.

**Facility Operation**

- ☐ Participate as a member of the Technical Support Group by providing technical support in your area of expertise.
- ☐ Evaluate system and equipment failures.
- ☐ Propose mitigative and corrective actions as promptly as possible.
- ☐ Provide recommendations to the Emergency Coordinator.
- ☐ Provide a communications path between the TSC Technical Support Group and the OSC Re-entry Coordinator.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 25**  
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**TSC ERDADS OPERATOR  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.

Verify the operability of ERDADS as follows:

☐ a. Check that the following displays are available:

☐ (1) Off-site Dose Radiological Data (R3/4)

☐ (2) Emergency Plan Data (ED3/4)

☐ (3) Environmental Trends (MC3/4 ENV)

☐ (4) Meteorological Parameter Verification (EP3/4 ENV)

☐ (5) PTN Status Units 3 & 4 (U3/4)

☐ b. Check the operability of the color plotter.

☐ c. Check the operability of the line printer.

**Facility Operation**

☐ Provide ERDADS printouts to TSC personnel, as requested.

☐ Provide ERDADS Emergency Plan Data (ED3) printouts to TSC Document Control personnel for distribution in a timely manner.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

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**ATTACHMENT 26**  
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**TSC DOCUMENT CONTROL PERSONNEL  
CHECK-OFF SHEET**

**NOTE**

*The following attachment steps may be performed out of sequence.*

**Facility Activation**

- ☐ Conduct facility activation as detailed in Subsection 5.1 of this procedure.

**Facility Operation**

- ☐ Provide assistance to TSC personnel in obtaining controlled procedures, drawings, and documents.

- ☐ Provide assistance to TSC personnel in making copies, routing Speed Memos, forms and information, etc., as required.

Distribute ERDADS printouts of plant parameters and data obtained from the TSC ERDADS Operator in a timely manner to the following:

- ☐ a. Emergency Coordinator
- ☐ b. TSC Plant Data Status Board Keeper
- ☐ c. TSC Technical Support Group
- ☐ d. OSC (via fax)

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**FINAL PAGE**