

Southern Nuclear
Operating Company, Inc.
Post Office Drawer 470
Ashford, Alabama 36312



Energy to Serve Your WorldSM
FNP-058-NRC-DC

DECEMBER 6, 2000

DIRECTOR, OFFICE OF NRC
ATT: DOCUMENT CONTROL DESK
C/O JIM MCKNIGHT
US NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555

DEAR SIR,

ATTACHED YOU WILL FIND THE NEW REVISION TO THE PROCEDURE LISTED BELOW.

IF YOU HAVE QUESTIONS PLEASE CALL ME AT 334-899-5156 EXTENSION 3439.

FNP-0-EIP-10.0 REVISION 30 (1 COPY)
FNP-0-EIP-27.0 REVISION 32 (1 COPY)

SINCERELY,

A handwritten signature in cursive script that reads "Donnie Hardy". The signature is written in black ink and is positioned above the printed name.

DONNIE HARDY

DOCUMENT CONTROL SUPERVISOR

CC: FILE
A:LETTERS
RTYPE: A4.54

A045

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-27.0

S
A
F
E
T
Y

R
E
L
A
T
E
D

EOF SETUP AND ACTIVATION

PROCEDURE USAGE REQUIREMENTS per FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	GUIDELINES AND ATTACHMENTS
Information Use	ALL OTHER SECTIONS

Approved:



Nuclear Plant General Manager



Date Issued 11-30-00

UNCONTROLLED COPY

CAUTION: This copy is not maintained
Current. Do not use in a Safety Related Activity

LIST OF EFFECTIVE PAGES

PAGE NO.	REVISION NO.										
	REV	28	29	30	31	32	33	34	35	36	37
T.O.C.I	27	X	X	X	X	X					
T.O.C. II	27	X	X	X	X	X					
T.O.C. III	25	DEL	X	X	X	X					
1	23	X	X	X	X	X					
2	23	X	X	X	X	X					
3	23	X	X	X	X	X					
4	25	X	X	X	X	X					
5	25	X	X	X	X	X					
6	23	X	X	X	X	X					
7	25	X	X	X	X	X					
8	23	X	X	X	X	X					
9	25	X	X	X	X	X					
10	23	X	X	X	X	X					
11	23	X	X	X	X	X					
12	23	DEL			X	X					
13	23	DEL									
14	23	DEL									
15	23	DEL									
ATTACH. 1:											
PG.1	27	X	X	X	X	X					
PG.2	27	X	X	X	X	X					
PG.3	27	X	X	X	X	X					
PG.4	29		X	X	X	X					
ATTACH. 2:											
PG.1	23	X	X	X	X	X					
PG.2	23	X	DEL								
PG.3	23	X	DEL								
ATTACH. 3:											
PG.1	23	X	X	X	X	X					
PG.2	23	X	X	X	X	X					
PG.3	23	DEL	X	X	X	X					
ATTACH. 4:											
PG.1	27	X	X	X	X	X					
PG.2	27	DEL	X	X	X	X					

EOF SETUP AND ACTIVATION

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	General	1
4.0	EOF Setup	1
5.0	Recovery Manager	2
6.0	Recovery Manager Assistant	2
7.0	Dose Assessment Director	3
8.0	Computer Services Staff Member	3
9.0	Environmental Supervisor	3
10.0	RMT Controller	3
11.0	QC Staff Member	4
12.0	Reactor Engineer	5
13.0	Houston County Liaison	5
14.0	Early County Liaison	6
15.0	RMT #2 HP Technician	6
16.0	RMT #3 HP Technician	6
17.0	Security Force Members	7
18.0	Document Control Clerk	7
19.0	Augmented EOF Staff	8
20.0	Partial TSC Staffing Recommendations	10
21.0	Minimum EOF Staff	11
22.0	Emergency Planning Contingencies	11
23.0	EOF Status Definitions	11
24.0	Expectations for the Readiness of EOF on a Day to Day Basis (OR# 2000188.1)	11

<u>Section</u>	<u>Title</u>
Attachment 1	EOF Setup
Attachment 2	Dose Assessment Computers
Attachment 3	EOF Ventilation Systems
Attachment 4	EOF Digital Alarming Dosimeter - Instructions
Guideline 1	Recovery Mgr. Assistant Guideline
Guideline 2	Dose Assessment Director Guideline
Table 1	References
Table 2	Emergency Facility Activation
Figure 1	EOF COMMAND CENTER ROOM 106
Figure 2	EOF ROOMS 103/104/105
Figure 3	EOF RMT CONTROL ROOM 118
Figure 4	EOF UPPER LEVEL AND VISITORS CENTER
Figure 5	EOF LOWER LEVEL
Figure 6	PLANT STATUS
Figure 7	RADIATION STATUS
Figure 8	EMERGENCY STATUS
Figure 9	TECHNICAL PROBLEM STATUS
Figure 10	OFFSITE PROTECTIVE ACTIONS
Figure 11	ON DUTY SUPERVISION
Figure 12	COMMUNICATIONS LOG

EOF SETUP AND ACTIVATION

1.0 Purpose

This procedure provides guidance for the activation and operation of the Emergency Operations Facility (EOF).

2.0 References

See Table 1

3.0 General

The EOF, when activated by the Recovery Manager, will be operated for continued evaluation and coordination of activities performed as the result of an emergency having the potential for environmental consequences. The EOF accident recovery organization shall control all activities necessary to establish safe plant conditions and to limit exposure to the public.

The EOF, when activated by the Recovery Manager, will be the point of interface for federal, state, and local authorities for implementation of offsite emergency plans, in addition to providing a centralized meeting location for key representatives from Off-Site agencies.

The EOF is defined as the basement of the FNP Training Center. The upstairs portion of the building does not meet the NUREG 0654 criteria for on-site EOFs (i.e., shielding factor of five or more).

4.0 EOF Setup

- 4.1 It is recommended that the EOF staff be called in at an alert declaration or higher and take all actions assuming that the EOF will be fully operational.
- 4.2 Determine the requirements for activating the EOF in accordance with Table 2.

- 4.3 The equipment and supplies necessary to set up the EOF are located in the installed cabinets in room 106 or in portable cabinets that are stored in room 118
- 4.4 - The cables to provide temporary power to the portable NRC trailer, if it is brought on site, are located in a cabinet in room 113, located outside the south exit of room 106.
- 4.5 When an Alert or higher emergency is declared, two Security Force Members (SFMs) will report to the EOF to start setup. If there is an on-shift Document Control Clerk (DC clerk), they will assist in setting up the EOF.
- 4.6 The SFMs will ensure that the keys for the EOF that are located in the CSC are brought to the EOF.
- 4.7 All EOF staff will support EOF setup under the coordination of the Recovery Manager Assistant.
- 4.8 The Recovery Manager Assistant is responsible for overall coordination and assigning responsibilities for EOF setup.
- 4.9 Perform setup of the EOF per Attachment 1.
- 4.10 When the Public Information EOF (PIEOF) staff arrives, they will set up the Public Information area of room 106 per Attachment 1, if not already completed.

5.0 Recovery Manager

The Recovery Manager's duties and responsibilities are discussed in FNP-0-EIP-26.0.

6.0 Recovery Manager Assistant

The duties and responsibilities of the Recovery Manager Assistant are described in Guideline 1.

- 6.1 Report to the EOF or other location directed by the Recovery Manager.
- 6.2 Perform the steps in Guideline 1.

7.0 Dose Assessment Director

The duties and responsibilities of the Dose Assessment Director are described in Guideline 2.

7.1 Report to the EOF or other location directed by the Recovery Manager.

7.2 Perform the steps in Guideline 2.

8.0 Computer Services Staff Member

8.1 Report to the EOF or other location directed by the Recovery Manager.

8.2 To support Dose Assessment, operate the data acquisition systems as directed by the Environmental Supervisor or the DAD.

8.3 Provide support for maintaining all computer systems on site, as directed by the Recovery Manager.

9.0 Environmental Supervisor

9.1 Report to the EOF or other location directed by the Recovery Manager.

9.2 Direct operation of the dose assessment effort in the EOF, at the direction of the DAD.

9.3 If dose assessment has been started in the TSC, ensure a timely turnover of dose assessment functions to the EOF.

9.4 Operate the MIDAS computer as the primary method of dose assessment.

9.5 Coordinate HP support in the EOF. HP equipment and supplies are located in HP cabinets #1 and #2 in the hall outside the central stairwell.

9.6 Perform the duties of the Environmental Supervisor as described in FNP-0-EIP-20.0.

10.0 RMT Controller

10.1 Report to the EOF or other location directed by the Recovery Manager.

10.2 Perform a radio test of the radios in the RMT Controller area.

10.3 Monitor state RMT radio communications and record results.

10.4 If RMT control has been started from the TSC, ensure a timely turnover of RMT control to the EOF.

- 10.5 Coordinate with the DAD and the RMT HP Technicians to provide RWT/Respirator qualified individuals from plant staff as assistants for each of the RMTs.
- 10.6 Coordinate with the DAD and the RMT HP Technicians to provide RMT vehicles for each of the RMTs.
- 10.7 Control the On-Site (out of plant) and off site RMTs per FNP-0-EIP-4.0.
- 10.8 If an RMT controller assistant is assigned have the individual review step 19.3.2.
- 11.0 QC Staff Member
 - 11.1 Report to the EOF or other location directed by the Recovery Manager.
 - 11.2 The QC Staff member will act as the communicator in the EOF.
 - 11.3 Verify operability of the EOF telecopiers.
 - 11.4 When directed by the DAD or Recovery Manager, telecopy dose assessment/follow-up reports to state and local agencies.
 - 11.5 Communicate with off site authorities on the ENN or other communication circuits as directed by the DAD or Recovery Manager.
 - 11.6 Verify that all communications sent from the EOF have been received by the off site authorities.
 - 11.7 Maintain a chronological log of EOF off site communications sent through the communications area, noting the organization contacted and a summary of the conversation. Figure 12, a similar form, or a log may be used.
 - 11.8 Maintain a chronological log of all EOF off site telecopies. Figure 12, a similar form, or a log may be used.
 - 11.9 If an EOF Communicator assistant is assigned, have the individual review step 19.3.3.

12.0 Reactor Engineer

- 12.1 - Report to the EOF or other location directed by the Recovery Manager.
- 12.2 When directed by the DAD or Environmental Supervisor, initiate dose assessment per EIP-9.3 (Personal Computer - Automated Dose Assessment) as the primary means of dose assessment.
- 12.3 If EIP-9.3 is being used as the primary means of dose assessment, prepare follow-up reports for transmission as directed by the DAD or Environmental Supervisor.
- 12.4 Compute the total core inventory per EIP-30 as directed by the DAD.
- 12.5 Compute the WGDT contents per CCP-1300, as directed by the DAD.
- 12.6 Determine dose projection model accuracy or dose forecasting per EIP-29, as directed by the DAD.

13.0 Houston County Liaison

- 13.1 Report to the Dose Assessment Room at the Houston County Courthouse (Alabama Forward EOC) or other location directed by the Recovery Manager.
- 13.2 If the state or county agencies have not established operations at the forward EOC, contact the Recovery Manager or the Emergency Director for further instructions.
- 13.3 Contact the Recovery Manager Assistant in the EOF or the Technical Manager in the TSC to determine current plant status.
- 13.4 Provide state and county agency personnel with explanations of plant terminology, hardware, and plant operations.
- 13.5 Contact the Recovery Manager Assistant in the EOF or the Technical Manager in the TSC if communication problems become evident, of concerns of the state and county agency personnel that need resolving, and of significant off-site actions (such as evacuations) that are pending or in progress.
- 13.6 Assist state and county agency personnel in resolving problems relating to communications or actions at the plant.
- 13.7 Refrain from providing information or comments to news media personnel.

14.0 Early County Liaison

- 14.1 Report to the Dose Assessment Room at the Early County Jail (Georgia Forward EOC) or other location directed by the Recovery Manager.
- 14.2 If the state or county agencies have not established operations at the forward EOC, contact the Recovery Manager or the Emergency Director for further instructions.
- 14.3 Contact the Recovery Manager Assistant in the EOF or the Technical Manager in the TSC to determine current plant status.
- 14.4 Provide state and county agency personnel with explanations of plant terminology, hardware, and plant operations.
- 14.5 Contact the Recovery Manager Assistant in the EOF or the Technical Manager in the TSC if communication problems become evident, of concerns of the state and county agency personnel that need resolving, and of significant off-site actions (such as evacuations) that are pending or are in progress.
- 14.6 Assist state and county agency personnel in resolving problems relating to communications or actions at the plant.
- 14.7 Refrain from providing information or comments to news media personnel.

15.0 RMT #2 HP Technician

- 15.1 Report to the EOF or other location directed by the Recovery Manager.
- 15.2 Coordinate with the DAD and the EOF RMT controller to provide RWT/Respirator qualified individuals from plant staff as assistants for each of the RMTs.
- 15.3 Coordinate with the DAD and the EOF RMT controller to provide RMT vehicles for each of the RMTs.
- 15.4 Perform the duties of an RMT per FNP-0-EIP-4.0.

16.0 RMT #3 HP Technician

- 16.1 Report to the EOF or other location directed by the Recovery Manager.
- 16.2 Coordinate with the DAD and the EOF RMT controller to provide RWT/Respirator qualified individuals from plant staff as assistants for each of the RMTs.

16.3 Coordinate with the DAD and the EOF RMT controller to provide RMT vehicles for each of the RMTs.

16.4 - Perform the duties of an RMT per FNP-0-EIP-4.0.

17.0 Security Force Member (1) (On Shift)

17.1 Obtain the EOF keys from the CSC and report to the EOF or other location directed by the Recovery Manager.

17.2 One Security Force Member will start setup of the EOF per Attachment 1.

17.3 Maintain EOF security and establish Access Control per FNP-0-EIP-7.0.

17.4 If directed by the DAD, issue dosimetry to all personnel in the EOF.

17.5 Perform other duties as directed by the Recovery Manager or his assistant.

18.0 Document Control Clerk

18.1 Report to the EOF or other location directed by the Recovery Manager.

18.2 Assist in setup of the EOF per Attachment 1.

18.3 Turn on the non-reg ERDS system in the EOF by turning on the monitors in the dose assessment area and by the status boards. If the screen is blank, move the cursor or press any key on the key board.

18.4 Start ERDS automatic printout per FNP-0-EIP-9.1.

18.5 Every 15 minutes, pick up the ERDS printout and transcribe the data onto the PLANT and RADIATION STATUS boards, erasing the oldest set of data. Maintain a file of all ERDS printouts.

NOTE: THE TSC STATUS BOARD KEEPER IS NORMALLY THE SYSTEMS ENGINEER AND CAN BE CONTACTED AT THE MAINTENANCE MANAGER'S PHONE.

- 18.6 Request the TSC status board keeper provide the containment hydrogen concentration, when the hydrogen monitors have been placed in service, approximately every 30 minutes. Transcribe the value onto the status board and the appropriate ERDS printout.
 - 18.7 Request the DAD or individual performing dose assessment provide source term information if applicable every thirty minutes and post the source term information on the radiation status board.
 - 18.8 If the ERDS computer is not functioning, request the TSC status board keeper fax filled out copies of Figures 6 and 7 approximately every 30 minutes. Transcribe the data onto the PLANT and RADIATION STATUS boards, erasing the oldest set of data. Maintain a file of all faxes.
 - 18.9 Request the TSC status board keeper fax copies of Figure 8 through 11 whenever new information is posted on those status boards in the TSC. Transcribe the data onto the appropriate status boards. Maintain a file of all faxes.
 - 18.10 Coordinate with the RMA to fill out the EOF and news media portions of Figure 11. Post the information on the EOF status board and fax the information to the TSC and EOC.
 - 18.11 Post the appropriate Emergency Class and Unit signs on the wall behind the Recovery Manager, update these signs if the emergency class changes.
 - 18.12 If there are any changes to the status boards initiated in the EOF, copy the new information onto the appropriate figure and fax to the TSC and EOC.
 - 18.13 If a Status Board Keeper Assistant is assigned, have the individual review step 19.3.4.
 - 18.14 Maintain a running log of significant information that has been posted on the Emergency Status Board, Technical Problem Status Board, and the Protective Action Status Board.
- 19.0 Augmented EOF Staff
- 19.1 For more efficient operation of the EOF, it may be desirable to provide additional staff. It should be remembered that too many people can add confusion and be counter-productive.

19.2 Individuals who have been brought to the EOF as additional staff should remain in the EOF if the plant Emergency Alarm is activated. The senior individual in the OSC, where the additional staff would normally assemble, should be informed.

19.3 Preplanned EOF staff augmentation

19.3.1 Public Information Technical Advisor

An individual who is knowledgeable of plant operation (CAR 2329) should be made available to act as a technical advisor to the Public Information Staff in the EOF. When this individual is made available, from available plant staff, the duties would include:

- a. Help set up the PI area of room 106.
- b. Attend the Recovery Manager's periodic meetings with the EOF staff.
- c. Stay aware of plant status.
- d. Advise the PI staff as to the technical accuracy of the press releases.
- e. If the PI staff is not yet in the EOF, assist the Recovery Manager.
- f. Review FNP-0-EIP-26.0, Table 4, for guidance pertaining to news releases
- g. Review step 19.2.

19.3.2 RMT Controller Assistant

An individual, preferably with previous RMT or HP experience, may be made available to assist the RMT controller. The duties of this individual are:

- a. Review step 10 and 19.2.
- b. Assist the RMT controller in the performance of duties.

19.3.3 EOF Communicator Assistant

An individual, preferably with previous operational experience, may be made available to assist the QC staff member as the EOF communicator. The duties of this individual are:

- a. Review step 19.2.
- b. Assist the QC staff member in the performance of EOF communicator duties.

19.3.4 EOF Status Board Keeper Technical Support

An individual, preferably with previous operational experience, may be made available to technical support for maintaining the EOF status boards. The duties of this individual are:

- a. Review step 19.2.
- b. Assist in the performance of EOF status board keeper duties.

20.0 Partial EOF Staffing Recommendations

In the event that the EOF is partially staffed for a declared emergency for which full staffing is not required, the following items need to be taken into consideration:

- 20.1 EOF staffing requirements are described in the Emergency Facility Activation, Table 2. This table should be referred to any time partial staffing is being considered.
- 20.2 At a GENERAL EMERGENCY, the EOF is required to be fully staffed.
- 20.3 At the ALERT or SITE AREA level, the TSC may be staffed, but the level of staffing is "that level that is deemed necessary by the Recovery Manager".
- 20.4 Below an ALERT level, the EOF is not required to be staffed. EOF staff can be placed in standby, partially activated, fully activated, or no action taken for the EOF staff -- at the Recovery Manager's discretion.
- 20.5 Any time that the plant has declared an ALERT or above, it is recommended that the full EOF staff be activated initially. For classifications below GENERAL EMERGENCY (after emergency conditions have been assessed), then the Recovery Manager may, at his discretion, allow those positions that are not needed to go into a standby mode.

21.0 Minimum EOF Staff

The following five positions constitute the minimum staff required to be called in to perform the required EOF functions:

- Recovery Manager
- Recovery Manager Assistant
- Dose Assessment Director
- On Call Staff Member for dose projection (any one of three listed not used for communication):

Environmental Supervisor
 Reactor Engineer
 Computer Services

- On Call Staff Member for communication (any one of three listed not used for dose projection)

Environmental Supervisor
 Reactor Engineer
 QC Staff

22.0 Emergency Planning Contingencies

Procedure FNP-0-TCP-32.0 (Emergency Planning Contingencies) has been developed to provide instructions for performing some non-routine activities. Examples of these types of activities are providing portable generator power to the EOF and sirens, local activation of sirens, and Tone Alert Radios.

23.0 EOF Status Definitions

23.1 The following definitions apply to the status of the EOF to describe its state of readiness for assumption of EOF duties and responsibilities.

STANDBY: For ALERT declaration, minimum staff available, and able to perform required functions.

OPERATIONAL: For SITE AREA EMERGENCY or GENERAL EMERGENCY declaration, minimum staff available, and ready to turnover required functions.

23.2 Functions such as dose assessment, RMT control, communications, and engineering support may be accomplished in the EOF prior to being fully operational with the ED and RM permission.

24.0 Expectations for the Readiness of the EOF on a Day to Day Basis (OR# 2000188.1)

The EOF is an emergency facility and as such it has to be able to be set up and placed in operation within a short amount of time. To ensure that this can happen there is a minimum standard that must be met on a day to day basis. The following items will help to ensure that the EOF can be made operational in the required amount of time:

- 24.1 In general, emergency equipment should be left in its standby condition as evidenced by appropriate cabinets being sealed or locked.
- 24.2 The cleanliness and general condition of the EOF including rooms 106, 118, 103, 104, and 105 shall be maintained neat and orderly.
- 24.3 Additional equipment or supplies used in the EOF shall be capable of rapid removal from the operating areas of the EOF.
- 24.4 The tables that are assigned to room 106 shall be left in room 106.
- 24.5 Emergency phones utilized during non-emergencies should remain connected to their designated emergency jacks.
- 24.6 In the event that emergency equipment or facilities are needed for non-emergency use, the user of the equipment is responsible for ensuring EOF setup requirements in accordance with this procedure are not impacted.
- 24.7 Should questions arise regarding the setup capability of the EOF, it is the responsibility of the Training and Emergency Preparedness Manager to promptly resolve the issue.

EOF SETUP

INITIALS

- _____ 1. When the requirements of step 23.0 of the main body of the procedure have been met, then the EOF may be declared in standby or operational while continuing with the remainder of this attachment.
- _____ 2. When the EOF has been declared in standby or operational with the concurrence of the Recovery Manager, announce to the EOF and inform the TSC that the EOF is in standby or operational.
- _____ 3. The Security Force Member reporting to the EOF will obtain the EOF keys from the CSC prior to reporting to the EOF.

NOTE: REFER TO FIGURES 1 THROUGH 5 FOR ROOM NUMBERS AND ROOM LOCATIONS.

THE KEY CABINET LOCATED IN ROOM 118 HAS MASTER KEYS AT LOCATIONS 1, 2 AND 3. THESE KEYS WILL UNLOCK ALL THE DOORS IN THE EOF EXCEPT FOR THE COMMUNICATIONS ROOM, ROOM 108 (KEY 12), THE STOREROOM OUTSIDE THE VISITORS CENTER ENTRANCE, ROOM 263 AND THE NURSES STATION/FITNESS FOR DUTY FACILITY. ACCESS TO THESE LAST TWO LOCATIONS IS NOT REQUIRED FOR OPERATION OF THE EOF.

A PAIR OF CUTTERS IS LOCATED ON THE SIDE OF THE KEY CABINET TO AID IN REMOVING SEALS.

- _____ 4. Unlock all interior doors in the lower level of the EOF, the main entrance doors in the lobby of the Visitors Center and the Room 106 exterior doors.
- _____ 5. Relocate the cabinets and carts in Room 118:
 Phone cart 1 and 2 in center of Room 106
 PI cart and PI OA terminal next to PI status board
 Room 105 phone cart to Room 105
- _____ 6. Break the seals and open all the cabinets located in room 106.
- _____ 7. Activate and post 5 area dosimeters per Attachment 4.
- _____ 8. Connect phone cart #1 to the phone line with walking strip from the center cabinet on the East wall of room 106. Connect phone cart #2 to phone cart #1.

EOF SETUP

- _____ 9. Arrange 10 tables as the Recovery Managers conference table under the signs in the center of Room 106, as shown in Figure 1.
- _____ 10. Place the phones from phone carts #1 and #2 on the Recovery Managers conference table, as shown in Figure 1.
- _____ 11. After steps 8, 9 and 10 have been completed, enable the deactivated EOF phones by turning on the EOF CARD A and CARD B switches in the communications Room 108.

NOTE: NO POSITION C EXISTS ON THE HOCS "T" SWITCHES.

- _____ 12. If directed by the Technical Manager or the Dose Assessment Director (DAD), reposition the HOCS "T" switches in the communications room 108.
- _____ 13. Remove the phones from the wall cabinets in the communications area and place on the counter.
- _____ 14. Position 2 tables in the dose assessment area as shown in Figure 1.
- _____ 15. Turn on the monitors for the EIP-9 and the EIP-29/30 computers. If the computers are not operating properly, refer to Attachment 2 (normally done by the Environmental Supervisor).
- _____ 16. Set up Room 118 as the RMT Control Area (normally done by the RMT Controller).
- _____ 17. Obtain a master key (key 1, 2 or 3) and align the EOF ventilation system in the OUTSIDE AIR FILTRATION MODE, per Attachment 3, unless otherwise directed.
- _____ 18. Plug in the Tone Alert Radio in the center cabinet on the East wall. Test the radio by placing the switch in the MONITOR position and returning it to the ALERT position.
- _____ 19. Position the access control table and place the equipment on the table as shown in Figure 1. Phones and a power strip are located in the cabinet below the FAX machines and the radios are located in Room 118. Monitor the security frequency.
- _____ 20. Position chairs in Room 106 as appropriate.
- _____ 21. Move the coffee machines, microwaves, un-needed chairs and other equipment such as trash cans to the machine shop.

EOF SETUP

- _____ 22. - Connect the phones in Room 105 as shown in Figure 2. The NRC can rearrange the room as they desire.
- _____ 23. Test as many phones in the EOF as possible by verifying that the phones can place a call, receive a call or ring when called.

NOTE: WHEN THE EOF HAS BEEN SET UP, NORMAL ACCESS SHOULD BE FROM THE CENTRAL STAIRWELL AND PAST THE ACCESS CONTROL TABLE. DURING SETUP OR FOR DELIVERIES, ACCESS THROUGH OTHER EXTERIOR DOORS IS PERMITTED AT THE DISCRETION OF THE RM OR RMA. EOF EXTERIOR MAY BE LOCKED TO CONTROL ACCESS IF REQUIRED BY THE RM OR RMA.

- _____ 24. Pull down the shades on Room 112 and Room 106 exterior doors and on the door between the east stairwell and the machine shop.
- _____ 25. If the Recovery Manager or the Recovery Manager Assistant want the EOF exterior door locked, then lock the requested doors from the following list:
Room 112 Exterior Door
Room 106 Exterior Door
Room 121 Exterior Door
Machine Shop to East Stairwell
- _____ 26. Contact the TSC and determine the official Control Room time. Set the EOF wall clocks to the official Control Room time.
- _____ 27. One Security Force Member establish Access Control per FNP-0-EIP-7.0.

NOTE: THE REMAINING STEPS WILL SET UP THE PUBLIC INFORMATION AREA. IF PERSONNEL AND TIME PERMIT, THESE STEPS SHOULD BE PERFORMED PRIOR TO THE ARRIVAL OF THE PI STAFF. IT IS THE RESPONSIBILITY OF THE PI STAFF TO ENSURE THAT THIS AREA IS SETUP CORRECTLY.

- _____ 28. Position the PI cart against the north wall of room 106, just to the left of the PI status board with the doors facing the stairwell.
- _____ 29. Position the computer terminal and two tables relative to the PI cart as shown in Figure 1, place the phones on the computer terminal cabinet on the tables.

EOF SETUP

- _____30. Connect the power cords for the fax and computer terminal to the wall connections. Route the cables under tables or cabinets to eliminate tripping hazards.

- _____31. Connect the phone and LAN access lines from the computer cabinet to the wall connection. Connect the phone line from the FAX machine to the connection on the computer cabinet.

DOSE ASSESSMENT COMPUTERS

EIP-9 AND EIP-29/30 COMPUTERS

NOTE: THESE COMPUTERS ARE NORMALLY LEFT ON, WITH THE MONITORS TURNED OFF. THIS PROCEDURE MAY BE USED TO PLACE THE COMPUTERS ON LINE IF TURNING ON THE MONITOR DOES NOT SOLVE THE PROBLEM.

BOTH THE EIP-9 AND THE EIP-29/30 COMPUTERS HAVE THE SAME SOFTWARE LOADED ON THE HARD DRIVE.

INITIALS

- ____ 1.0 Verify that the power strip or UPS is plugged into the wall outlet.
- ____ 2.0 Verify that the power strip or UPS is turned on.
- ____ 3.0 Verify that the computer, monitor and printer are plugged into power strip or UPS.
- ____ 4.0 Verify that all components are turned on.
- ____ 5.0 Verify that the monitor is connected to the PC.
- ____ 6.0 Verify that the printer is connected to the PC.
- ____ 7.0 If the PC is now operating properly, further operation of the EIP-9 PC will be per FNP-0-EIP-9.3, and EIP-29/30 PC will be per FNP-0-EIP-29.0/30.0.
- ____ 8.0 If the PC is still not operating properly, contact the RMA to get the PC repaired.

EOF VENTILATION SYSTEMS

	CONTROL PANEL ROOM NUMBER	SWITCH LOCATION/ CONTROL PANEL	SWITCH ID	NORMAL OPERATING SWITCH POSITION	*OUTSIDE AIR FILTRATION MODE SWITCH POSITION	**ISOLATION MODE SWITCH POSITION	P & ID
1.	121 (Fig.5, VENT L/U ROOM A) (Mech Equip Rm)	CP-1	"EIVCS"***	OPEN	OPEN	CLOSE	D-180952
2.	121	CP-1	AH-2	START	START	START	D-180930
3.	121	CP-1	AH-5	START	STOP	STOP	D-180929
4.	121	HDDE2 DIST.PNL	BKR #1 (EF-1&2)	ON	OFF	OFF	D-174306
5.	121	HDDE2 DIST.PNL	BKR #2 (EF-4)	ON	OFF	OFF	D-174306
6.	121	CP-1	MD-2-1	CLOSE	OPEN	CLOSE	D-180930
7.	121	MCC1DD	BKR HDDE3 (AH-10)	ON	OFF	OFF	D-180958
8.	100(Fig.5, VENT L/U ROOM B) (Mach.Shop)	CP-2	AH-3	START	START	STOP	D-180930
9.	100	CP-2	MD-6-1	PRESS TO AUTO/ TURN TO MID	PULL TO MANUAL/ TURN TO MIN****	PULL TO MANUAL/ TURN TO MIN****	D-180925
10.	100	CP-2	AH-6	START	STOP****	STOP****	D-180931
11.	100	CP-2	MD-3-1	CLOSE	OPEN	CLOSE	D-180928
12.	100	CP-2	AH-4	START	START	START	D-180931 D-180925
13.	100	CP-2	EF-6	AUTO	OFF	OFF	D-180925
14.	100	CP-2	EF-7	AUTO	OFF	OFF	D-180925
15.	100	CP-2	EF-8	STOP	STOP	STOP	D-180925
16.	110(Fig.4, VENT L/U ROOM C)(Mech Equip Room outside simulator)	CP-8	AH-11	START	START	STOP for actual emergencies only START for drills or testing*****	D-180958
17.	110	CP-8	AH-12	AUTO	AUTO	STOP for actual emergencies only AUTO for drills or testing*****	D-180958
18.	113 (Fig.5, VENT L/U ROOM D)(Mech Equip Rm)	HEEE2 DIST.PANEL	BKR NO. 1 (EF-9)	ON	OFF	OFF	D-180924
19.	113	HEEE2 DIST.PANEL	BKR NO.3 (EF-12)	ON	OFF	OFF	D-180957
20.	113	CP-3	AH-1	START	START	START	D-180930
21.	113	CP-3	MD-1-1	CLOSE	OPEN	CLOSE	D-180930
22.	114 (Fig.5, VENT L/U ROOM E) (CHM Lab)	FUME HOOD	EF-10	OFF	OFF	OFF	D-180930

EOF VENTILATION SYSTEMS

	CONTROL PANEL ROOM NUMBER	SWITCH LOCATION/ CONTROL PANEL	SWITCH ID	NORMAL OPERATING SWITCH POSITION	*OUTSIDE AIR FILTRATION MODE SWITCH POSITION	**ISOLATION MODE SWITCH POSITION	P & ID
23	(Fig.4, VENT L/U ROOM I) TRN RECP. AREA	LP-2B SECTION 2	BKR NO.72 (EF-3)	ON	OFF	OFF	D-180922

NOTE 1: IF THE NURSES STATION IS STAFFED, INFORM THE NURSES STATION WHEN PERFORMING THIS ALIGNMENT. IF THEY DESIRE TO RESTORE AIR CONDITIONING AND HEATING, THEY MAY PERFORM THE STEPS FOLLOWING NOTE 2. IF THE NURSES STATION DOES NOT DESIRE TO REALIGN THE VENTILATION SYSTEM, THE LINE-UP IS COMPLETE WHEN THE FOLLOWING TWO STEPS ARE COMPLETED. THE FOLLOWING TWO STEPS WILL ALIGN EF-11, AH-10 AND EF-5. IN ADDITION, OTHER AIR CONDITIONING AND HEATING EQUIPMENT IN THE NURSES STATION WILL ALSO BE DEENERGIZED.

24	214(Fig.4, VENT L/U ROOM H) (Audio. Visual Studio)	NSR19L550F-N, LP-2E	BKR 24	ON	OFF	OFF	N/A
25	214	NSR19L550F-N, LP-2E	BKR 33	ON	OFF	OFF	N/A

NOTE 2: THE FOLLOWING FOUR STEPS SHOULD NORMALLY BE PERFORMED BY SAFETY AND HEALTH STAFF WITH THE PERMISSION OF THE RECOVERY MANAGER ASSISTANT, IF THE AIR CONDITIONING AND HEATING EQUIPMENT IS REQUIRED IN THE NURSES STATION AND THE FFD FACILITY.

26	260(Fig.4, VENT L/U ROOM G) Nurses Station FFD Toilet #1)	Light Switch	EF-11	ON	OFF	OFF	D-180955
27	272(Fig.4, VENT L/U ROOM H (NURSES STATION LAB)	NSR19L552-N Dist Cab	BKR EF-5	ON	OFF	OFF	D-174324
28.	214(Fig.4, VENT L/U ROOM H)(Aud. Vis. Stu)	NSR19L550F-N, LP-2E	BKR 24	ON	ON	ON	N/A
29.	214	NSR19L550F-N, LP-2E	BKR 33	ON	ON	ON	N/A
30.	Exterior Doors	In the outside air filtration mode and the isolation mode, verify that all exterior doors are closed to minimize the amount of non-filtered air that can enter the building. Entry and exit to the building should be minimized if there is a radiological or smoke hazard external to the building. Locking of the exterior doors is not required.					

- * Outside Air Filtration Mode - 10% outside air is combined with EOF return air and HEPA filtered to provide fresh air makeup and cleanup of the return air. This mode provides protection from particulate dose.
- ** Isolation Mode - No outside air is brought into the EOF ventilation system. While in this mode, protection from particulate, iodine, and noble gas is provided as consequence of outside air being isolated.
- *** "EIVCS" - Emergency Isolation Valves Control Switch (closes EIV-1, EIV-2, & EIV-3)
- **** Make adjustments to MD-6-1 prior to stopping AH-6
- ***** Damper VD-7 is specified to be closed in ES 91-2124, however, it is inaccessible. Damper SD 11-7 in series with VD 7 will close if smoke is in the intake and provide the required isolation in the filtration mode. Stopping AH-11 and 12 will provide the effect of isolation in the isolation mode due to no driving force to draw in air. AH-11 and 12 are left on during drills to prevent overheating the simulator equipment. (1998 EP Self Assessment Report)

**EOF DIGITAL ALARMING DOSIMETER
INSTRUCTIONS**

1. **IF** one of the area dosimeters in steps 2 and 3 goes into alarm, **THEN** perform the actions required, starting at step 4.
2. Activate five dosimeters as area dosimeters by pressing the button on the dosimeter one time.
 - 2.1 The EOF dosimeters are set up in the fast entry mode. Pressing the button one time will turn on the dosimeter; additional presses on the button will toggle the display from accumulated dose to current dose rate.
 - 2.2 In the fast entry mode, the dosimeters cannot be turned off by pressing the button on the dosimeter. Turn in activated dosimeters to the Emergency Planning group to have the dosimeters turned off.
 - 2.3 The dosimeters used in the EOF have default alarm setpoints for an accumulated dose of 100 mrem and dose rate alarm of 40 mrem/hr. The dosimeters for RMTs have default alarm setpoints for accumulated dose of 1 REM and dose rate alarm of 1 REM/hr. RMT dosimeters are labeled to indicate RMT use.
3. Locate the five area dosimeters activated in step 2 at the following locations, as shown in Figures 1 and 2:
 - 3.1 Adjacent to the outside door to room 106
 - 3.2 To the right of the FAX machines in room 106
 - 3.3 Below the emergency classification sign in room 106
 - 3.4 In the machine shop on the gauge rack located near the door to room 105
 - 3.5 In room 105 southwest corner
4. If one of the area dosimeters activated in steps 2 and 3 goes into a valid alarm based on dose or dose rate, perform the remaining steps.
 - 4.1 Inform the DAD or Recovery Manager, in that sequence to coordinate performing the remaining steps.
 - 4.2 Check the remaining dosimeters to determine their dose and dose rate.

- 4.3 Have the on-site RMT or other HP technicians dispatched to the EOF to evaluate radiological conditions.
- 4.4 - Ensure that the Recovery Manager, DAD, Emergency Director, Technical Manager and HP Manager are informed of the alarm and radiological conditions.
- 4.5 If radiological conditions warrant, have a Thermal Luminescent Dosimeter (TLD) issued to personnel at the EOF.
- 4.6 Consider other appropriate protective measures for the EOF staff, as necessary.
- 4.7 Issue a dosimeter, activated per step 2, to any individual assigned to the EOF that is being sent out of the area covered by the area dosimeters.
- 4.8 If there are other individuals in the Visitor/Training Center, consider relocation, issuing dosimetry or other appropriate measures.

RECOVERY MANAGER ASSISTANT GUIDELINE

INITIALS

- _____ 1. - When accountability is required, the Recovery Manager Assistant or senior individual in the EOF will report the names of individuals who are known to be on site, who are assigned to the EOF and are missing to the CSC. Figure 4 of FNP-0-EIP-10.0 may be used as an aid.
- _____ 2. Assign personnel and supervise the set up of the EOF per step 4.
- _____ 3. Notify Southern Company Information Resources-Plant Farley Support per On-Call Memo, Attachment E, or Emergency Phone List, Step 18, to program EOF telephones per GO-EIP-138.

NOTE: THE PAX OPERATOR FUNCTION WILL NORMALLY BE MAINTAINED AT THE CSC. IN THE EVENT THAT THE CSC HAS TO BE EVACUATED, THE PAX OPERATOR FUNCTION CAN BE TRANSFERRED TO THE EOF.

- _____ 4. If it is desired to transfer the PAX operator function to the EOF, notify Southern Company Information Resources-Plant Farley Support per On-Call Memo, Attachment E, or Emergency Phone List, Step 18 to program the EOF Pax Console for Condition III per GO-EIP-138.
- _____ 5. Draw from available personnel in the OSCs and assembly areas to augment the EOF staff per step 19.
- _____ 6. Have preplanned augmented staff review appropriate portions of step 19 when they arrive in the EOF.
- _____ 7. Post press releases, initial Emergency Notification messages, and follow up Emergency Notifications.
- _____ 8. Act as a liaison between the EOF and the EOC staff in Birmingham to provide engineering and logistic support to the plant staff, TSC staff, and EOF staff.
- _____ 9. Telecopy the names of the Recovery Manager, Recovery Manager Assistant, and Dose Assessment Director to the state and local agencies.
- _____ 10. Contact the state and local agencies by phone to establish a working relationship.
- _____ 11. Provide information to state and county agency personnel at the direction of the Recovery Manager.
- _____ 12. Provide information to the county liaisons.

- _____ 13. Notify RM of communications problems or of significant offsite actions such as evacuations pending or in progress.
- _____ 14. - Assist the state and county agencies in resolving problems with communications or other areas.
- _____ 15. ALERT DECLARATION. Announce in the EOF and inform the TSC and the EOC when the EOF is in STANDBY as described in step 23 of the main body of this procedure.
- _____ 16. SITE AREA or GENERAL EMERGENCY declaration. Announce in the EOF and inform the TSC and the EOC when the EOF is OPERATIONAL as described in step 23 of the main body of this procedure.

DOSE ASSESSMENT DIRECTOR GUIDELINE**NOTE: STEPS MARKED WITH A "C" ARE CONTINUING ACTION STEPS.**

INITIALS

- ____ 1. If the HOCS will be used to transmit followup messages, have the HOCS aligned for the system that will be transmitting messages.
- ____ 2C. Supervise transmission of followup messages to the state and local agencies at least hourly. Transmission every 30 minutes is the desired goal.
- ____ 3. If dose assessment/RMT control has been started from the TSC, turnover should occur in an expeditious manner.
- ____ 4. Establish and supervise dose assessment in the EOF per EIP-9.0.
- ____ 5. Assign and supervise an individual to coordinate RMT control from the EOF.
- ____ 6C. Review dose assessment and RMT data to ensure that the current emergency classification is at least as high as is required by radiological conditions. Provide input for classification and Protective Action Recommendation (PAR) changes to the RM.
- ____ 7. Assign a person to handle and log off site communications. (Normally on-call QC.)
- ____ 8. Review previous initial and follow-up messages.
- ____ 9C. Review dose assessment/follow-up messages for accuracy prior to sending via HOCS or FAX.
- ____ 10. If the HOCS is not available, have the communicator fax the follow-up messages.
- ____ 11C. Establish personal communications and interface with state and local agencies for matters pertaining to radiological conditions, dose assessment and RMT control. Determine and report to the Recovery Manager the names of the individuals in charge at these agencies.
- ____ 12C. Notify the Recovery Manager of communications problems or of significant offsite actions such as evacuation pending or in progress.

NOTE: THERE ARE 5 AREA DIGITAL ALARMING DOSIMETERS POSTED IN THE EOF AREA AS AN AID IN EVALUATING RADIOLOGICAL CONDITIONS. ATTACHMENT 4 PROVIDES INSTRUCTIONS ON THE USE OF THE DOSIMETERS.

- _____ 13. If radiological conditions warrant, notify the HP Manager that Health Physics assistance is needed at the EOF. The on-site RMT may be used for this function.
- _____ 14. If radiological conditions warrant, have dosimetry issued by Access Control Security staff.
- _____ 15. If radiological conditions warrant, shift ventilation systems to the "isolation mode".
- _____ 16. If the EOF ventilation system is aligned to the ISOLATION MODE, then:
- Notify the HP Manager to begin oxygen level monitoring of the air in the EOF.
 - Notify the Recovery Manager that consideration should be given to relocating the EOF staff to the Alternate EOF within 24 hours.
- _____ 17. Determine if there is any additional staff required for Dose Assessment or RMT, and request that staff from the Recovery Manager Assistant.
- _____ 18. Ensure EOF Dose Assessment status boards are updated by assigning an individual to update them.
- _____ 19C. If there is a potential radiological hazard, ensure that all rooms on Figure 4 and Rooms on Figure 5 that are marked with an asterisk are evaluated by Health Physics, if the rooms are to be occupied continuously.

REFERENCES

1. Joseph M. Farley Nuclear Plant Emergency Plan
2. GO-EIP-101, Nuclear Generation Department Corporate Emergency Organization
3. FNP-0-EIP-6.0, Technical Support to the Emergency Plan
4. D180876, D180881, D180884, D180897 EOF Communications Diagrams
5. Training and Emergency Operations Facility Drawings:
 - D-180930 HVAC - P&ID for AH-1 and AH-2
 - D-180928 HVAC - P&ID for AH-3 Sh. 2
 - D-180927 HVAC - P&ID for AH-3 Sh. 1
 - D-180931 HVAC - P&ID for AH-4 and AH-6
 - D-180925 HVAC - Air Flow Diagram for AH-4 and AH-6
 - D-180919 HVAC - General Arrangement Lower Floor El. 181.8
 - D-180950 HVAC - Control Sequence Sh. 1
 - D-180951 HVAC - Control Sequence Sh. 2
 - D-180952 HVAC - Control Sequence Sh. 3
 - D-180961 HVAC Det., LEG., NOTES, REF., and Control Sequence
6. U430867, Dictaphone Operation Manual
7. Emergency Operations Facility HVAC Evaluation Engineering Study, (ES) 91-2124

EMERGENCY FACILITY ACTIVATION

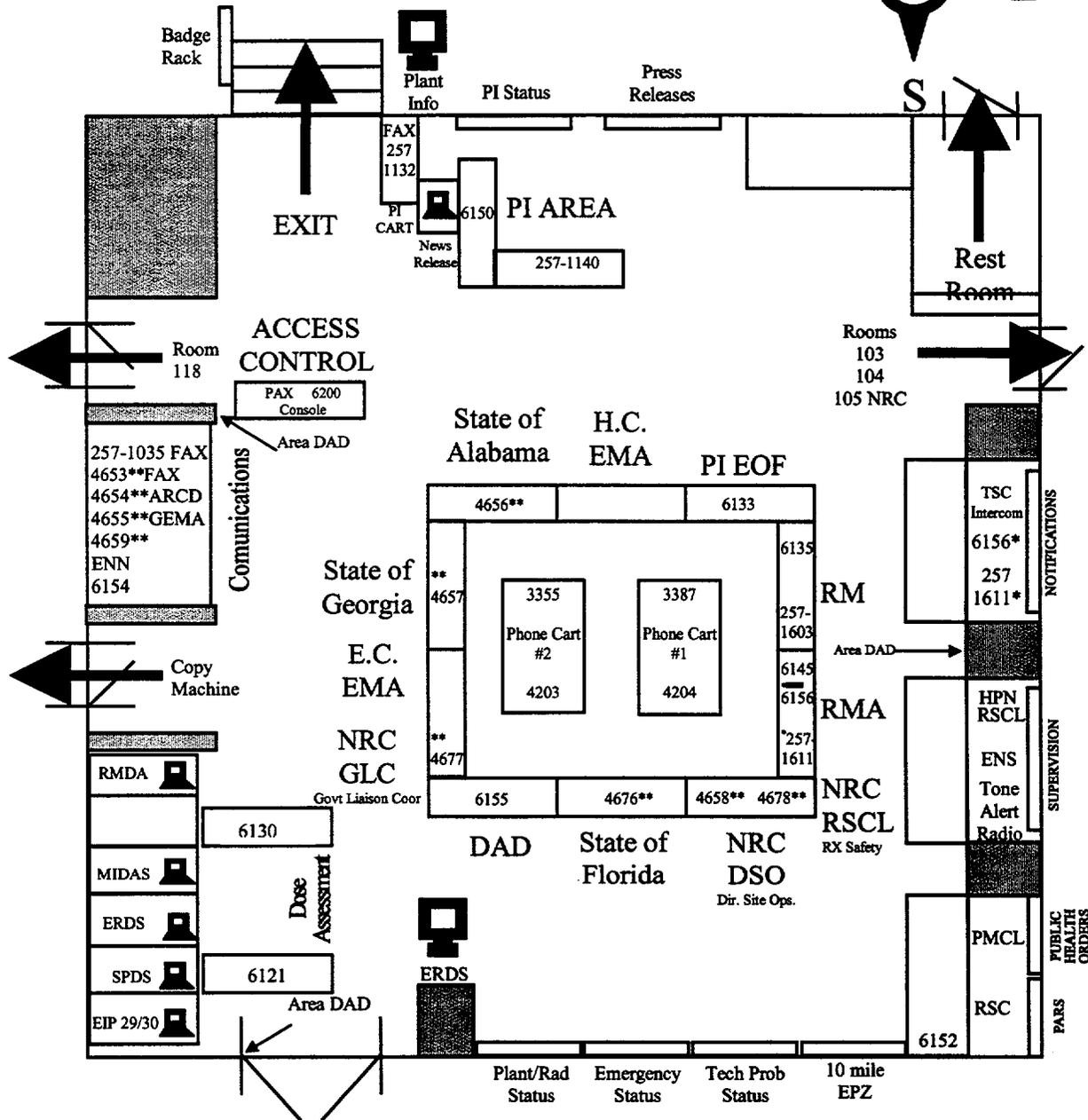
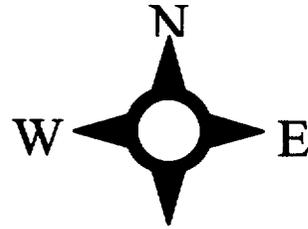
	<u>Unusual Event</u>	<u>Alert</u>	<u>Site Area Emergency</u>	<u>General Emergency</u>
Technical Support Center	*	Activate #	Activate #	Activate
Operations Support Center	*	Activate #	Activate #	Activate
Emergency Operations Facility	**	***	Activate #	Activate
Nuclear Generation Dept. Emergency Operations Center	**	***	Activate #	Activate
Public Information Corporate Offices	**	***	Activate #	Activate
News Media Center ##	N/A	****	***	Activate

NOTE: IT IS RECOMMENDED THAT THE FULL TSC AND EOF STAFFS BE CALLED IN AT THE "ALERT" LEVEL. AFTER EVALUATING PLANT CONDITIONS, STAFF MAY BE RELEASED BELOW A "GENERAL EMERGENCY" (AT THE DISCRETION OF THE RM/ED).

- * NO ACTION, STANDBY OR ACTIVATE AT THE DISCRETION OF THE EMERGENCY DIRECTOR.
- ** NO ACTION, STANDBY OR ACTIVATE AT THE DISCRETION OF THE RECOVERY MANAGER.
- *** STANDBY OR ACTIVATE AT THE DISCRETION OF THE RECOVERY MANAGER.
- **** ACTIVATION DEPENDENT ON LEVEL OF MEDIA INTEREST OR EOF ACTIVATION.
- # ACTIVATION WILL BE TO THE EXTENT DEEMED NECESSARY BY THE EMERGENCY DIRECTOR AND RECOVERY MANAGER.
- ## AUTOMATICALLY ACTIVATED UPON EOF ACTIVATION.

SHARED

EOF COMMAND CENTER
ROOM 106

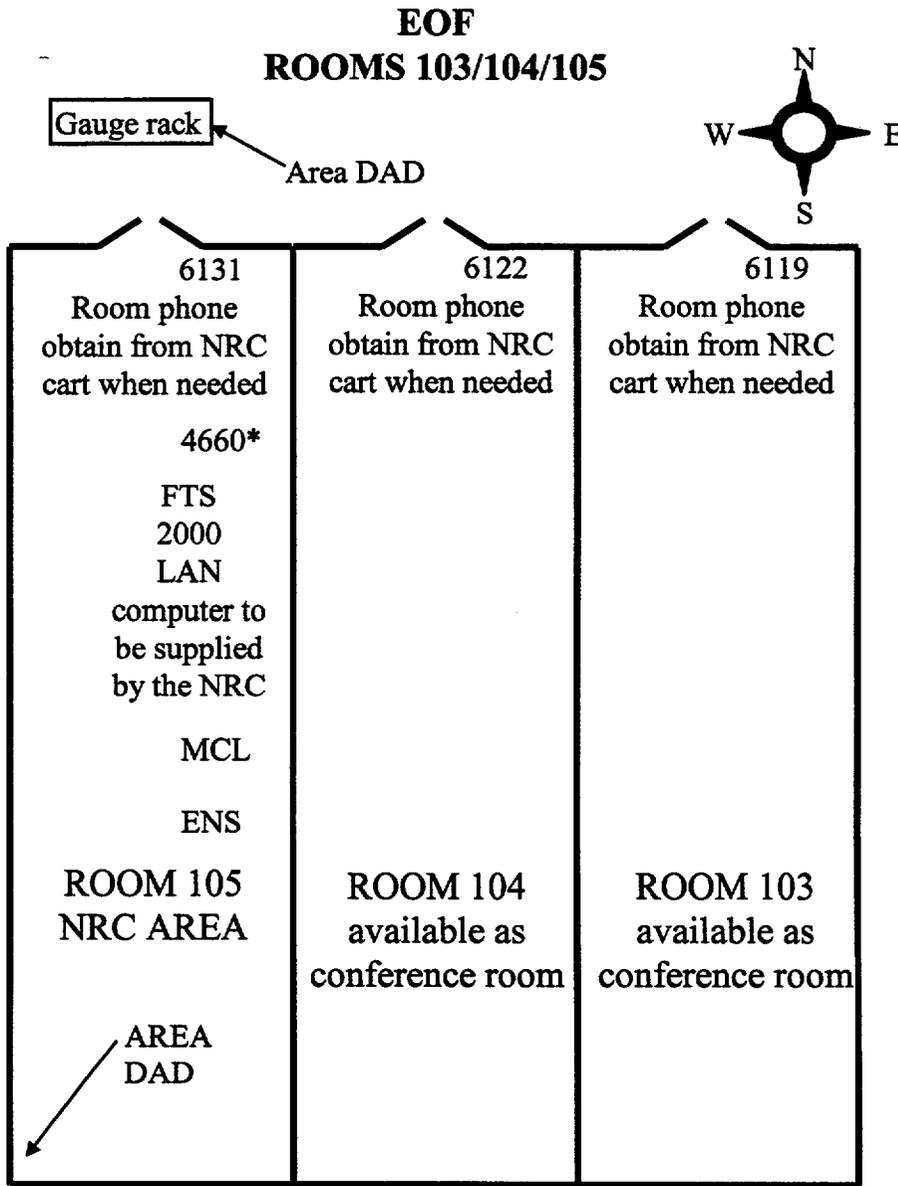


Note 1: Dial 4 digit PAX numbers directly from FNP phones or OPX. Use prefix 8-276 from other Southern Company phones. Dial 334-899-5156, ask for extension from commercial phones.

Note 2: Dial 257 prefix preceded by an 8 from Southern Company phones. Dial direct from commercial phones. Area Code 205 required outside Birmingham.

* Phones ring in two locations. Always active in Cabinet behind RM.

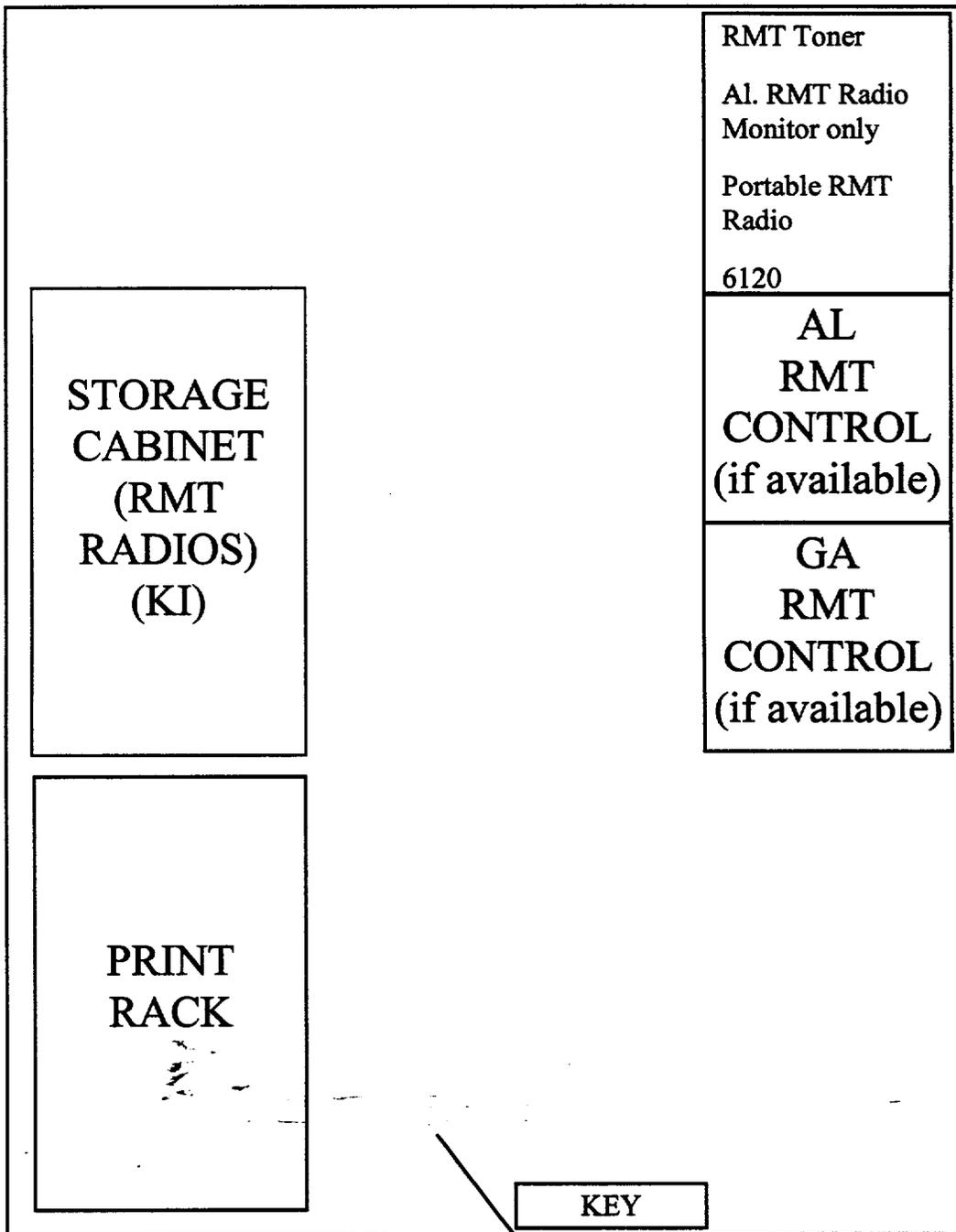
** Extensions are Direct Inward Dial numbers that can be dialed direct from an outside line with area code 334 and prefix 814, or Southern Company phones with 8-276 prefix or the 4 digit extension from PAX phones



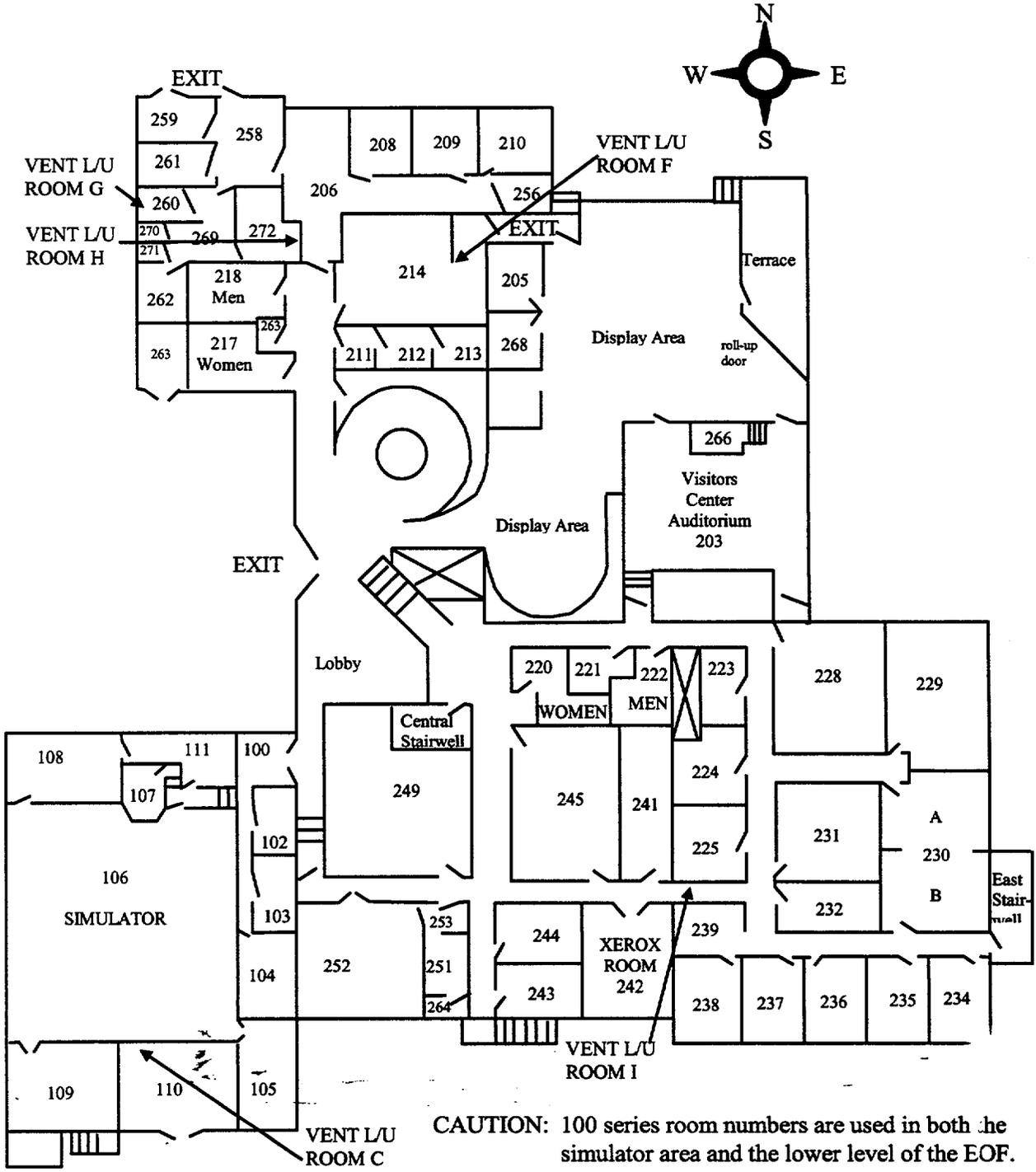
* Ext. 4660 is a Direct Inward Dial extension that can be dialed directly from an outside line with area code 334 and prefix 814 or Southern Company phones with a 8-276 prefix or the four digit extension from PAX phones.

NOTE: The telephones in these rooms require an access code to access an outside line prior to reprogramming per GO-EIP-138.

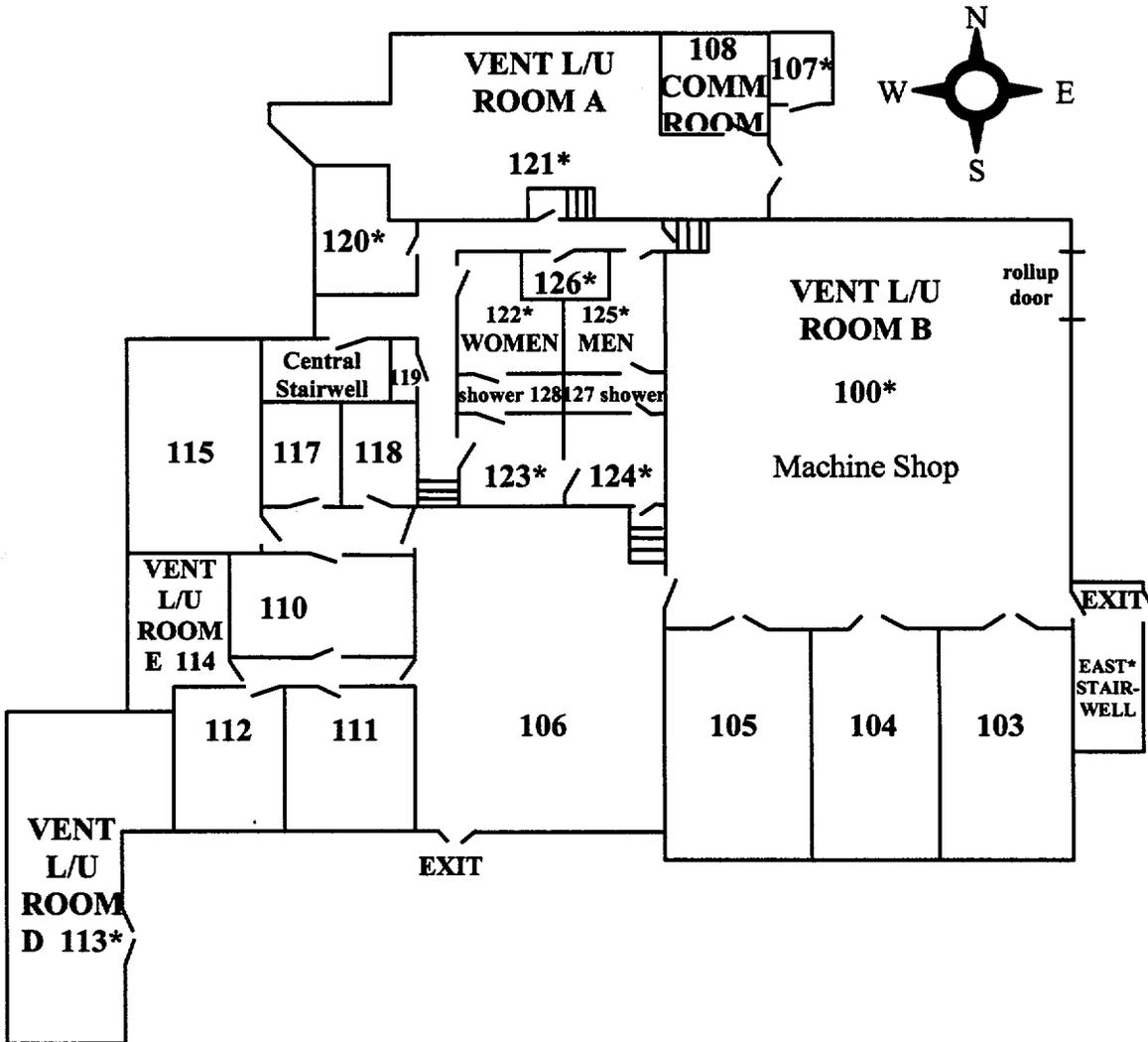
**EOF RMT CONTROL
ROOM 118**



EOF VISITOR/TRAINING CENTER Upper Level and Visitor Center



**EOF
VISITORS/TRAINING CENTER
LOWER LEVEL**



CAUTION: Rooms that are marked with an asterisk (*) are not intended for continuous occupancy during an actual or potential radiological hazard. The required radiation shielding factor of 5 does not exist or has not been evaluated for these rooms.

CAUTION: 100 series room numbers are used in both the simulator area and the lower level of the EOF.

UNIT ____ PLANT STATUS

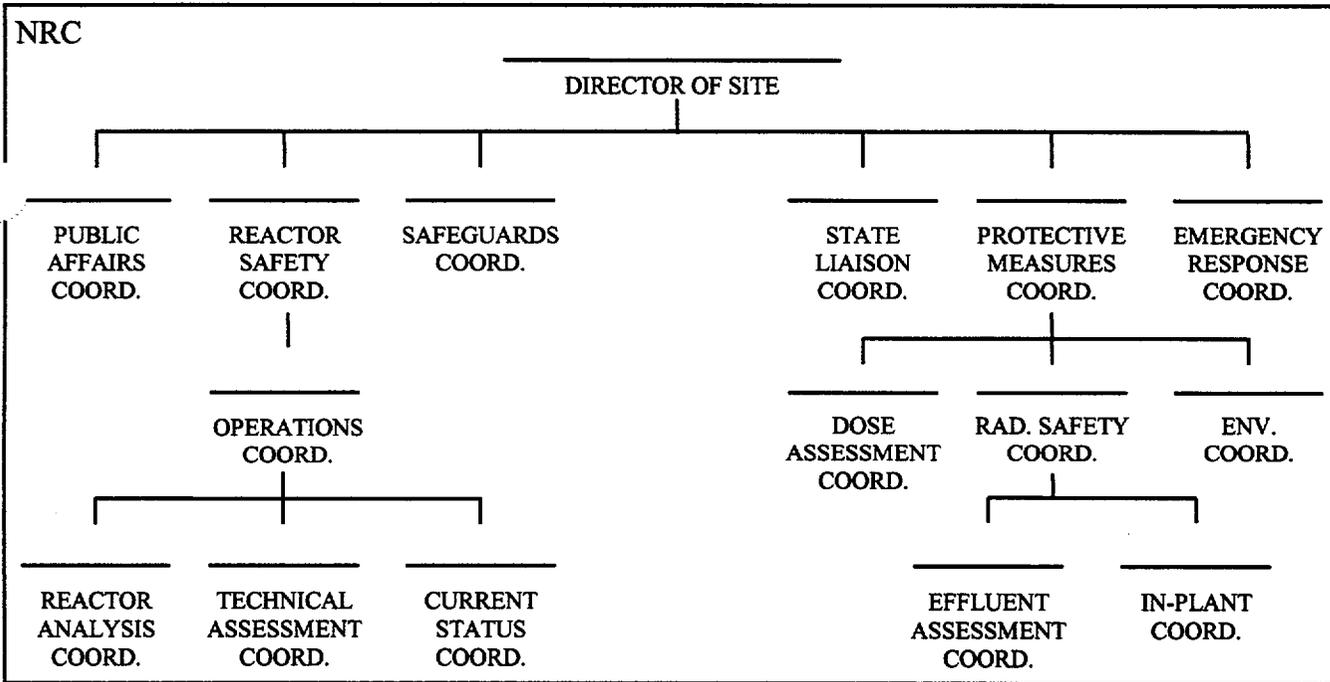
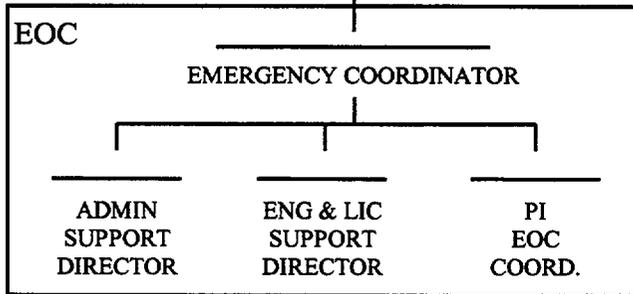
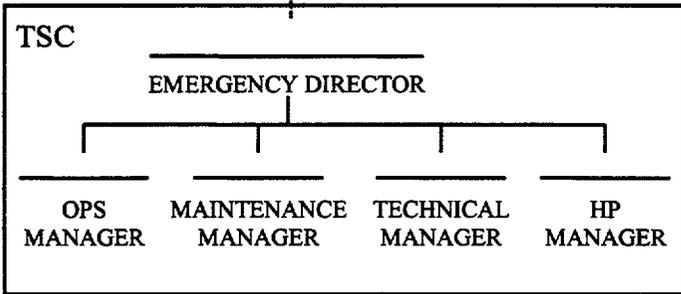
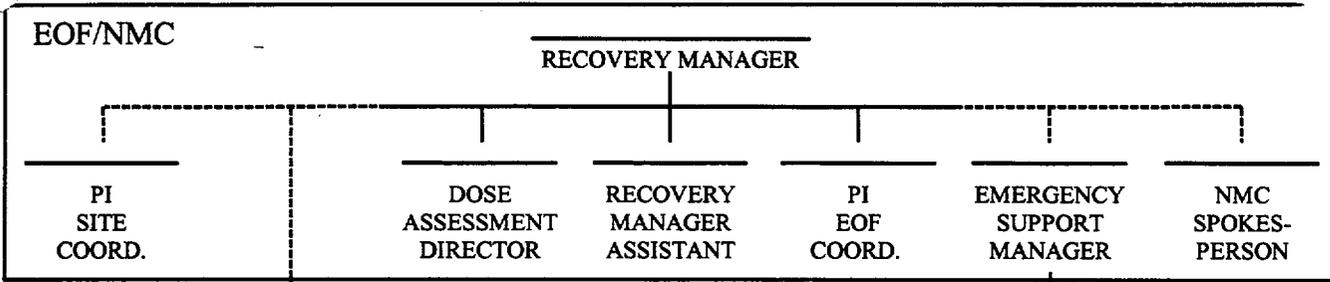
	TIME	TIME	TIME
CONTAINMENT			
DOME INSIDE AIR TEMP (DEG F)			
HIGHEST CTMT PRESSURE (PSIG)			
ECCS NR SUMP LEVEL (FT)			
HYDROGEN (H2 MANUAL) (%)			
RCS			
PRESSURE (PSIG)			
POWER RANGE FLUX (%)			
LOOP A FLOW (%)			
LOOP B FLOW (%)			
LOOP C FLOW (%)			
SUBCOOLING CHANNEL A (DEG F) (-) Indicates Superheat			
SUBCOOLING CHANNEL B (DEG F) (-) Indicates Superheat			
5th HOTTEST CETC (DEG F)			
PRESSURIZER LEVEL (%)			
LOWEST UPPER HEAD LEVEL (%)			
LOWEST UPPER PLENUM LEVEL (%)			
SG A WIDE RANGE LEVEL (%)			
SG B WIDE RANGE LEVEL (%)			
SG C WIDE RANGE LEVEL (%)			
ECCS			
RWST LEVEL (FT)			
RHR LOOP A FLOW (GPM)			
RHR LOOP B FLOW (GPM)			
CHARGING LINE FLOW (GPM)			
HHSI FLOW (FE0943) (GPM)			
AFW FLOW TO SG A (GPM)			
AFW FLOW TO SG B (GPM)			
AFW FLOW TO SG C (GPM)			

SHARED

UNIT _____ RADIATION STATUS

	TIME _____	TIME _____	TIME _____
CONTAINMENT			
HIGHEST HI LEVEL RAD R27(R/HR)			
RCS			
GROSS FAILED FUEL DET. R50 (CPM)			
METEOROLOGY			
WIND SPEED 35' ELEV (MPH)			
WIND SPEED 150' ELEV (MPH)			
WIND DIRECTION 35' (From-Degrees)			
WIND DIRECTION 150' (From-Degrees)			
STABILITY CLASS DELTA TEMP (DEG F) (35'-200')			
PLANT VENT EFFLUENT			
GAS MONITOR R14 (CPM)			
AIR PARTICLE MONITOR R21 (CPM)			
GAS MONITOR R22 (CPM)			
I-131 GAS-SPING4 R29B I2 (µc/ml)			
NOBLE GAS-SPING4 R29B NG (µc/ml)			
STACK FLOW FT2879 (CFM)			
SECONDARY EFFLUENT			
SJAE EXHAUST MONITOR R15C (R/HR)			
SG A ATMOS.RELIEF R60A (R/HR)			
SG B ATMOS.RELIEF R60B (R/HR)			
SG C ATMOS.RELIEF R60C (R/HR)			
AFW TURBINE EXHAUST R60D (R/HR)			
SG A N16 LEAK DETECTION R70A (GPD)			
SG B N16 LEAK DETECTION R70B (GPD)			
SG C N16 LEAK DETECTION R70C (GPD)			
VENT STACK SOURCE TERM			
NOBLE GAS(STERM-NG) (µcl/sec)			
IODINE-131 (STERM-12) (µcl/sec)			

ON DUTY SUPERVISION



STATE DOSE ASSESSMENT MONTGOMERY ATLANTA

ALABAMA _____ LOCATION FEOC ALABAMA _____ LOCATION FEOC

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-10.0

S
A
F
E
T
Y

R
E
L
A
T
E
D

EVACUATION AND PERSONNEL ACCOUNTABILITY

PROCEDURE USAGE REQUIREMENTS PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	Sections 8.5, 8.7, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8
Information Use	Remainder of Procedure

UNCONTROLLED COPY

CAUTION: This copy is not maintained
Current. Do not use in a Safety Related Activity

Approved:



Nuclear Plant General Manager



Date Issued 11-30-00

SHARED

**EVACUATION AND PERSONNEL ACCOUNTABILITY
TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	Designated Assembly Areas	1
4.0	Assembly Area Assignments	2
5.0	Individual Responsibility	5
6.0	General Evacuation	6
7.0	Accountability	6
8.0	Operations Support Center and Protected Area Assembly Areas Accountability - Initial Accountability	7
9.0	Outside Protected Area Assembly Areas Accountability - Final Accountability	11
10.0	Local Evacuation	13
11.0	Evacuation of Plant Site	13
12.0	Use of the Plant Emergency Alarm (PEA) Warble Tone and Siren	14
Table 1	References	
Figure 1	Onsite Evacuation Routes/Operations Support Centers/ Assembly Areas	
Figure 2	Protected Area Accountability	
Figure 3	Protected Area Accountability Contingency Plan	
Figure 4	Outside Protected Area Accountability	
Figure 5	CSC Final Accountability Log	
Figure 6	Accountability Flow Chart	

EVACUATION AND PERSONNEL ACCOUNTABILITY

1.0 Purpose

This procedure describes the action to be taken for the evacuation and accountability of all personnel onsite, in the event of an emergency at the Farley Nuclear Plant.

2.0 References

See Table 1

3.0 Designated Assembly Areas

For purposes of site evacuation and personnel accountability, the following areas (as shown in Figure 1) are designated as Assembly Areas:

OPERATIONS SUPPORT CENTER PAX EXT

1.	Break Room Outside TSC	2448
----	------------------------	------

PRIMARY ASSEMBLY AREAS

Protected Area Assembly Areas

2.	Control Room	2353
3.	Technical Support Center (TSC)	6018
21.	Outage Support Building (OSB)	4873

Outside Protected Area Assembly Areas

4.	Service Building Auditorium	2236
5.	Service Building Maintenance Shop	4543/4607
6.	Central Security Control (CSC)	2438
7.	Visitors Center Auditorium	6158
8.	Emergency Operations Facility	6156
9.	Switchhouse	2321
10.	Fabrication Shop	3378/3468
20.	Warehouse Receiving Area	3391

Alternate Assembly Areas

NOTE: EXTRA PERSONNEL FROM THE OSC MAY BE RELOCATED TO THE BREAKROOM NEAR THE PAP, THE SE CORNER OF THE CONTROL ROOM, AND THE HP OFFICE AREA BY THE OSC MANAGER. OTHER ALTERNATE ASSEMBLY AREAS MAY BE USED AT THE ED'S DISCRETION.

11.	Parking Lot South of Service Building	
12.	Contractor Parking Lot	
13.	Switchhouse Parking Lot	
14.	Area between the 2A and 2B Cooling Towers	
15.	Utility Building	4502
16.	SE Corner of Control Room	2306
17.	Employee Parking Lot	
18.	Breakroom near PAP	2405
19.	HP Office Area	2334

4.0 Assembly Area Assignments

- 4.1 On-Call Personnel assigned to a position with the emergency response organization will report to their designated emergency response facility as described in FNP-0-EIP-6.0 or FNP-0-EIP-27.0, instead of assembling with their work group.
- 4.2 Personnel that are on site and assigned to a position with the emergency response organization on the on-call memo, but not currently in an on-call status will also report to their designated emergency response facility. After it has been determined if these individuals are needed to augment the facility staff or will be required to be available for a long term relief they may be relocated or evacuated offsite as necessary. This excludes alternates not currently holding an emergency response organization position.
- 4.3 On-shift personnel with a specific function assigned in FNP-0-EIP-0.0 will report to the area described, or perform the described function instead of assembling with their work groups.
- 4.4 Escorted visitors will remain with their escort and report to the same assembly area as their escort.
- 4.5 Other visitors/contractors on site will report to the assembly area designated for the on-site work group with whom they are working.
- 4.6 Personnel assigned to training at the Training Center or the Fire Training Facility will assemble in the Visitors Center Auditorium instead of with their work groups.

- 4.7 Operations, Chemistry, Environmental and Health Physics On Shift staff involved in training anywhere on site except the Training Center or Fire Training Facility will report to the breakroom outside the TSC.
- 4.8 Personnel who have been assigned to augment the TSC or EOF staffs will remain at that location for accountability. The senior individual in their normal assembly area should be notified as soon as possible, when time permits.
- 4.9 On shift security will remain on station until relocation is required. Relocation will normally be controlled by FNP-0-EIP-14.0. If, due to a personal hazard, security personnel must evacuate their station, security supervision will be notified as soon as possible to implement the guidance of FNP-0-EIP-14.0.
- 4.10 NRC Inspectors will assemble in any one of the assembly areas as appropriate for plant and emergency conditions.
- 4.11 Individuals in the following work groups who are not described above will report to the designated assembly area as indicated by the number that corresponds to the assembly area numbers assigned in step 3.

<u>Work Group</u>	<u>Assembly Area</u>
Administrative Staff assigned to Administrative Assistant	4
Administrative Staff assigned to Support Building	10
Cafeteria Staff	4
Chemistry and Env. Staff (Off Shift)	4
Chemistry and Env. Staff assigned to the EOF	7
Chemistry and Env. Staff (On Shift)	1
Contractor Personnel Assigned to Outage and Modification	10
Document Control Staff	4
Engineering Support Staff	10
EOF Staff (as assigned in FNP-0-EIP-27.0)	8
Facilities Staff	4
Fitness for Duty Facility Staff	7

Health Physics Staff (Off Shift)	4
- Health Physics Staff (On Shift)	1
Health Physics Supervisor (if on site)	1
Health Physics Support Staff (On & Off Shift)	1
Information Management Systems Staff	4
Maintenance Supervision and Staff	5
Maintenance Teams 1 through 8	5
Material Dept. Personnel not assigned to the SB Cold Tool Room	20
Material Dept. Personnel assigned to the SB Cold Tool Room	5
NRC Administrative Staff	4
Operations Unit Superintendent (if on site)	2
Operations Staff (off shift)	4
Operations-OATC (assigned post)	2
Operations-Shift Supervisors (assigned post)	2
Operations-Shift Technical Advisor	2
Operations-Unit Operators (assigned post)	2
Operations Staff (other on shift)	1
Outage and Modification - Outage Staff	4
Outage and Modification - Modification Staff	10
Quality Control Personnel	20
Safety Audit and Engineering Review	4
Satellite Document Control Staff	10

Security Staff Off Shift	6
Steam Generator Replacement Staff assigned to the OSB	21
Steam Generator Replacement Staff <u>NOT</u> assigned to the OSB	10
Students participating in Training Activities at the Training Center or Fire Training Facility	7
Switchboard Operator (assigned station)	9
Switchhouse Staff	9
Training Staff assigned to the Training Center	7
Training Staff assigned to the Maintenance Training Area (adjacent to the water treatment plant)	5
TSC Staff (as assigned in FNP-0-EIP-6.0)	3
Visitors in the Visitors Center (Responsibility of the VC Staff)	7
Visitors Center Staff	7
Siemens-Westinghouse Turbine Group Personnel	5
Westinghouse NSSS Personnel	10
Williams Personnel	10
Personnel, in a non-work status, engaged in sporting or other recreational activities	
if the Visitor Center is open	7
if the Visitor Center is closed	4
Any other personnel on site and not previously listed in this procedure	4

5.0 Individual Responsibility

- 5.1 All personnel shall familiarize themselves with the location of their particular assembly area.
- 5.2 Personnel who report to an assembly area shall assemble according to groups to facilitate accurate and timely accountability.

- 5.3 When reporting to an assembly area, personnel should avoid any route or area of the plant which has been declared part of the emergency or which could result in excessive radiation exposure or personal injury.
- 5.4 Personnel who have been in the emergency area shall remain segregated from other personnel in the assembly area until they have been monitored for possible contamination, if applicable.
- 5.5 Each plant supervisor or senior individual onsite from each group shall be responsible for accounting for all persons working in or visiting his group.
- 5.6 When evacuating the Radiation Control Area (RCA), attempt to remove the outer layer of protective clothing before proceeding to the assembly area.
- 5.7 Personnel exiting the RCA wearing protective clothing during an evacuation should make every reasonable effort to avoid contaminating equipment, walls, floors and other personnel.
- 5.8 When accountability is required, personnel who enter the Fabrication Shop assembly area are not required to have on hard hat and safety glasses as long as they stay between the yellow lines of the walkway within the building. The senior individual in the assembly area can relax the requirements for hard hat and safety glasses within the rest of the assembly area after determining that there is no safety hazard present that would require their use.

6.0 General Evacuation

- 6.1 A general evacuation is initiated by sounding the plant emergency alarm (warble tone) for approximately 30 seconds and announcing for all personnel to report to their designated assembly areas.
- 6.2 If extenuating circumstances prohibit sounding the plant emergency alarm, a general evacuation can be initiated by announcing it over the public address system.
- 6.3 A general evacuation is required any time a Site Area Emergency or a General Emergency have been declared.
- 6.4 The Emergency Director can, at his discretion, initiate a general evacuation at any time as a precautionary measure.
- 6.5 When a general evacuation has been announced, all plant personnel will report to their designated assembly areas as described in steps 3, 4 and 5 of this procedure.

6.6 When a general evacuation has occurred, accountability will be performed per step 7.0 of this procedure.

7.0 Accountability

Accountability shall be performed whenever a general evacuation has been ordered by the Emergency Director and announced over the public address system. The announcement of a general evacuation will normally be followed by activating the Plant Emergency Alarm (warble tone) for a minimum of 30 seconds.

8.0 Operations Support Center and Protected Area Assembly Areas Accountability - Initial Accountability

Technical Support Center

Control Room

Breakroom Outside TSC

Outage Support Building

NOTE: DUE TO THE REQUIREMENT FOR REPORTING ACCOUNTABILITY IN 30 MINUTES AND THAT ANY MOVEMENT IN THE PLANT MUST BE GUIDED BY FNP-0-EIP-14.0, DO NOT DELAY REPORTING "ACCOUNTABILITY COMPLETE" TO THE EMERGENCY DIRECTOR WHILE SEARCHING FOR MISSING INDIVIDUALS.

- 8.1 Initial accountability will be considered complete when the individuals who are missing in the protected area are reported to the Emergency Director by the total number of missing personnel and their names.
- 8.2 Initial Accountability must be complete for the protected area within 30 minutes of announcing a general evacuation.
- 8.3 Individuals that are to assemble in a Protected Area Assembly Area shall swipe into the Biometrics card readers with their Protected Area Badge in their designated assembly area when the plant emergency alarm has been actuated or a general evacuation has been announced.
- 8.4 Personnel that are required to remain at a particular location that is within the Control Room, can have their Protected Area Badge swiped into the biometrics card reader by security when accountability is required. The Protected Area Badge should be returned to the owner as soon as possible.

8.5 Security shall:

- 8.5.1 Account for security at posts in the protected area by direct communication or messenger.
- 8.5.2 Dispatch security to the Control Room to assist in accountability. Security may collect the protected area badges from those individuals in the control room that may not be able to leave their post, and swipe those individuals into the biometrics card reader in the control room. The badges should be returned to the individuals as soon as possible.
- 8.5.3 Note the time that the plant emergency alarm was activated or when a general evacuation was announced to determine when the report of accountability should be sent to the TSC.

NOTE: THE FOLLOWING STEPS FOR LOGGING ON TO THE SYSTEM ASSUMES THAT THE USER IS STARTING FROM WINDOWS WITH THE PROGRAM SHUT DOWN. THE USER SHOULD USE AS MANY OF THE STEPS THAT ARE APPROPRIATE TO GET TO THE WHOS IN WINDOW.

8.5.4 Access the WHOS IN window

- select the startup group
- select the integrator program
- login your name
- login your password
- from the launch pad select MONITOR
- from the monitor window select VIEW from the menu
- from the view menu select WHOS IN

8.5.5 In the event of a failure of the Biometrics computer that would prevent performing accountability, inform the OSC, OSB, the TSC, and the outside the protected area assembly areas listed in step 3, that protected area accountability must be performed per the Protected Area Accountability Contingency Plan specified in step 8.7. Provide these locations with the time that the plant emergency alarm was actuated, recorded in step 8.5.3.

8.5.6 From the WHOS IN window

- select ALL USERS under name
- select ALL DEPARTMENTS under department
- select IN under area
- click on SHOW LIST

- 8.5.7 The WHOS IN window is now displaying the individuals that have not as yet been accounted for. As individuals log out of the protected area or enter the assembly areas their status will change from IN to OUT, TSC IN, OSC IN, OSB IN, or CR IN. Individuals that log into the protected area will not show up on this list until it is updated by repeating step 8.5.6. Once step 8.5.6 is repeated again the only name that will be displayed are individuals that have not as yet been accounted for.
- 8.5.8 Periodically close the WHOS IN window and repeat applicable parts of steps 8.5.4 and 8.5.6 to update the WHOS IN window.
- 8.5.9 When the WHOS IN window shows no individuals in it or 20 minutes has elapsed from the time that the accountability was started based on the time noted in step 8.5.3, repeat step 8.5.8 and print the WHOS IN window by selecting the printer icon or selecting print from the file menu. The names on this list are those individuals that are in the protected area and not accounted for.
- 8.5.10 Report that security has completed initial accountability to the Emergency Director, providing the ED with the number of individuals who are missing in the protected area and the names of the missing individuals. (Figure 2 may be used as an aid.)
- 8.5.11 Continue to repeat step 8.5.8 until 30 minutes has elapsed from the time noted in step 8.5.3 and inform the TSC of any changes in the status of the individuals that were not accounted for.
- 8.5.12 After completing step 8.5.11, place all individuals that are in the TSC, OSC, and CONTROL ROOM into the protected area in general. From the WHOS IN window:
- select ALL USERS under name
 - select ALL DEPARTMENTS under department
 - select TSC IN under area
 - click on SHOW LIST
 - double click each name on the list
 - click IN on the PEOPLE COMMANDER for each name
 - repeat the above process for the OSC IN, OSB IN, and CR IN areas
- 8.5.13 Ensure that no one except those with emergency duties enters the protected area without the permission of the Emergency Director or designee.
- 8.5.14 Take other actions for general evacuation and accountability as described in FNP-0-EIP-7.0.

8.6 The Emergency Director shall:

- 8.6.1 Upon receipt of the initial accountability report, have the location of the missing individuals determined.
- 8.6.2 Have teams activated to search for the missing individuals, using the guidance of FNP-0-EIP-14.0.

8.7 Protected Area Accountability Contingency Plan

The following steps shall be performed when the Protected Area Accountability Contingency Plan is required:

- 8.7.1 The senior individual in each of the outside the protected area assembly areas will perform accountability in the normal manner, but will ensure the results are reported within approximately twenty minutes of the time that the plant emergency alarm was activated or the public address announcement was made.
- 8.7.2 The senior individual in the OSC will have the senior individuals for Operations, Chemistry, Health Physics, and Health Physics Support report the names of individuals that are on site for their group, should have assembled in the protected area and are missing. The senior individuals for these groups should take into account personnel that may be in the TSC or Control Room. (Figure 3 may be used as an aid.)
- 8.7.3 The senior individual in the OSC will determine from the TSC staff any individuals from the TSC staff that may not be accounted for. (Figure 3 may be used as an aid.)
- 8.7.4 The senior individual in the OSC will determine from the Control Room staff any individuals from the control room that may not be accounted for. (Figure 3 may be used as an aid.)
- 8.7.5 The senior individual in the OSB shall report to the OSC the names of individuals that are on site for their group, should have assembled in the protected area and are missing.
- 8.7.6 Within twenty minutes after the plant emergency alarm is activated or the public address announcement is made, the senior individual in the OSC will report to the ED or the Shift Supervisor the names of personnel that are missing. (Figure 3 may be used as an aid.)

8.7.7 Accountability for the protected area and outside the protected area, will be complete when names of the missing individuals from all assembly areas are reported to the Emergency Director.

8.7.8 The ED or Shift Supervisor will take steps to locate any missing individuals per step 8.6. All missing personnel may be in the protected area for this type of accountability.

9.0 Outside Protected Area Assembly Areas Accountability - Final Accountability

Service Building Auditorium	2236
Service Building Maintenance Shop	4543/4607
Central Security Control (CSC)	2438
Visitors Center Auditorium	6158
Emergency Operations Facility	6156
Switchhouse	2321
Fabrication Shop	3578/3468
Warehouse Receiving Area	3577

NOTE: DUE TO THE REQUIREMENT FOR FINAL ACCOUNTABILITY BEING REPORTED AS SOON AS POSSIBLE AND ANY MOVEMENT ON THE PLANT SITE MUST BE GUIDED BY FNP-0-EIP-14.0, DO NOT DELAY REPORTING "ACCOUNTABILITY COMPLETE" TO THE EMERGENCY DIRECTOR WHILE SEARCHING FOR MISSING INDIVIDUALS.

9.1 Final accountability will be considered complete when the individuals who were known to be on site and are missing are reported to the Emergency Director by the total number of missing personnel and their names.

9.2 Final accountability should be completed for the plant site as soon as possible after announcing a general evacuation.

9.3 The Recovery Manager Assistant or senior individual in the EOF will report the names of individuals who are known to be on site, who are assigned to the EOF and are missing, to the CSC. Figure 4 may be used as an aid.

9.4 The senior Outage and Modification (O & M) individual in the Fabrication Shop will coordinate with the contractor supervision and management to identify all contractors on site who should have reported to the Fabrication Shop and are missing. Time cards, personnel knowledge or other documentation may be used. When the list of missing individuals has been compiled, the senior O & M individual will report the names of the missing to the CSC. Figure 4 may be used as an aid.

- 9.5 The senior individual in the Visitors Center Auditorium should contact the EOF or TSC staff to arrange evacuating visitors in the Visitors Center Auditorium as soon as possible.
- 9.6 The senior individual in an assembly area for each work group will determine the accountability of the individuals in their work group or visiting their work group, and report any missing individuals to the senior individual in the assembly area.
- 9.7 The senior individual in each assembly area will compile a list of names of individuals known to be on site who are missing from their assembly area, when the list of missing individuals has been compiled, the senior individual will report the names of the missing to the CSC. Figure 4 may be used as an aid.
- 9.8 Security shall:
- 9.8.1 Account for security on posts outside the protected area by direct communication or messenger.
- 9.8.2 Contact the following locations and inform them of assembly requirements.
- Outage Modification - 3545
Westinghouse - 2432
Warehouse - 3391
- 9.8.3 Account for security assembled in the CSC.
- 9.8.4 Assemble the names of persons missing from all of the assembly areas outside the protected area. Figure 5 may be used as a guide.
- 9.8.5 Report that security has completed final accountability to the Emergency Director, providing the ED with the number of individuals who are missing on the plant site outside of the protected area, and the names of the missing individuals. Figure 5 may be used as an aid.
- 9.8.6 Take other actions for general evacuation and accountability as described in FNP-0-EIP-7.0.
- 9.9 The Emergency Director shall:
- 9.9.1 Upon receipt of the final accountability report, have the location of the missing individuals determined.
- 9.9.2 Have teams activated to search for the missing individuals using the guidance of FNP-0-EIP-14.0.

NOTE: INITIAL AND FINAL ACCOUNTABILITY DO NOT NEED TO BE COMPLETED PRIOR TO PERFORMING THE REMAINING SUBSTEPS OF STEP 9.9 BELOW.

- 9.9.3 Authorize release of News Media Center personnel.
- 9.9.4 Direct non-essential personnel (including children and casual visitors) to depart from the site. Limit the exposure of visitors and pregnant females consistent with the radiation exposure situation.
- 9.9.5 Provide for transportation for persons without vehicles.
- 9.9.6 Provide clothing for personnel found to be contaminated.

10.0 Local Evacuation

- 10.1 All personnel in the affected area shall stop work, render safe any hazardous equipment and leave the area by the most direct route to the assembly area unless otherwise instructed by the Control Room.
- 10.2 The Shift Supervisor or ED will activate emergency teams as required to locate and ensure the evacuation of personnel.
- 10.3 Accountability:
 - 10.3.1 For radiological side Auxiliary Building or Containment evacuation, the senior Health Physics individual present will account for personnel utilizing the Access Control section of the HIS 20 system and/or the radiation work permit (RWP) time cards as appropriate, and notify the Shift Supervisor.
 - 10.3.2 In the event of local evacuations other than the containment or the radiological side Auxiliary Building, the senior SNC employee present will account for all personnel and notify the Shift Supervisor.
 - 10.3.3 For areas where the number of personnel who may be in the area is not known (e.g., a floor of the turbine building or entire turbine building), accountability may be affected by a systematic search of the affected area to ascertain all personnel have evacuated.

11.0 Evacuation of Plant Site

- 11.1 At the Emergency Director's discretion, he can have the plant site evacuated of all unnecessary personnel during an emergency condition.

11.2 Prior to ordering an evacuation of plant site, the following items should be considered along with other extenuating circumstances:

- 11.2.1 If there is no radiological release in progress, personnel monitoring and coordinating with off-site authorities for decontamination will not be required.

11.2.2 If a radiological release is in progress:

- Will individual dose be greater for evacuation or sheltering?
- When will the off-site authorities be able to cope with the traffic flow?
- When will the off-site authorities be able to cope with the influx of people to the de-contamination and reception centers?
- What is the availability of food and supplies if no evacuation is ordered?
- What will be the effect on plant personnel and families if no evacuation is ordered?
- What personnel will be required on site for effective plant operation and recovery?

11.3 If the EOF is staffed when a site evacuation is required, the Emergency Director should normally request that the EOF coordinate the evacuation.

11.4 If the plant site is to be evacuated, it will be done per FNP-0-EIP-14.0. The radiological monitoring requirements of FNP-0-EIP-14.0 may be waived as described above if no radiological release is in progress and no radiological hazard exists.

12.0 Use of Plant Emergency Alarm (PEA) Warble Tone and Siren

12.1 The warble tone on the plant emergency alarm is reserved for announcing a general evacuation which requires all personnel to report to their designated assembly areas.

12.2 When announcing a general evacuation, a public address announcement should be made providing specific instructions; then, the warble tone should be actuated for approximately 30 seconds. The public address announcement should be repeated.

12.3 The siren on the plant emergency alarm may be used to muster the fire brigade for a drill or an actual fire. The siren may, at the discretion of the Shift Supervisor, be

used in unusual circumstances when it is important to get the attention of all personnel on plant site.

- 12.4 - When announcing a fire or other unusual circumstance, a public address announcement should be made providing specific instructions; then, the siren should be actuated for approximately 30 seconds. The public address announcement should be repeated.

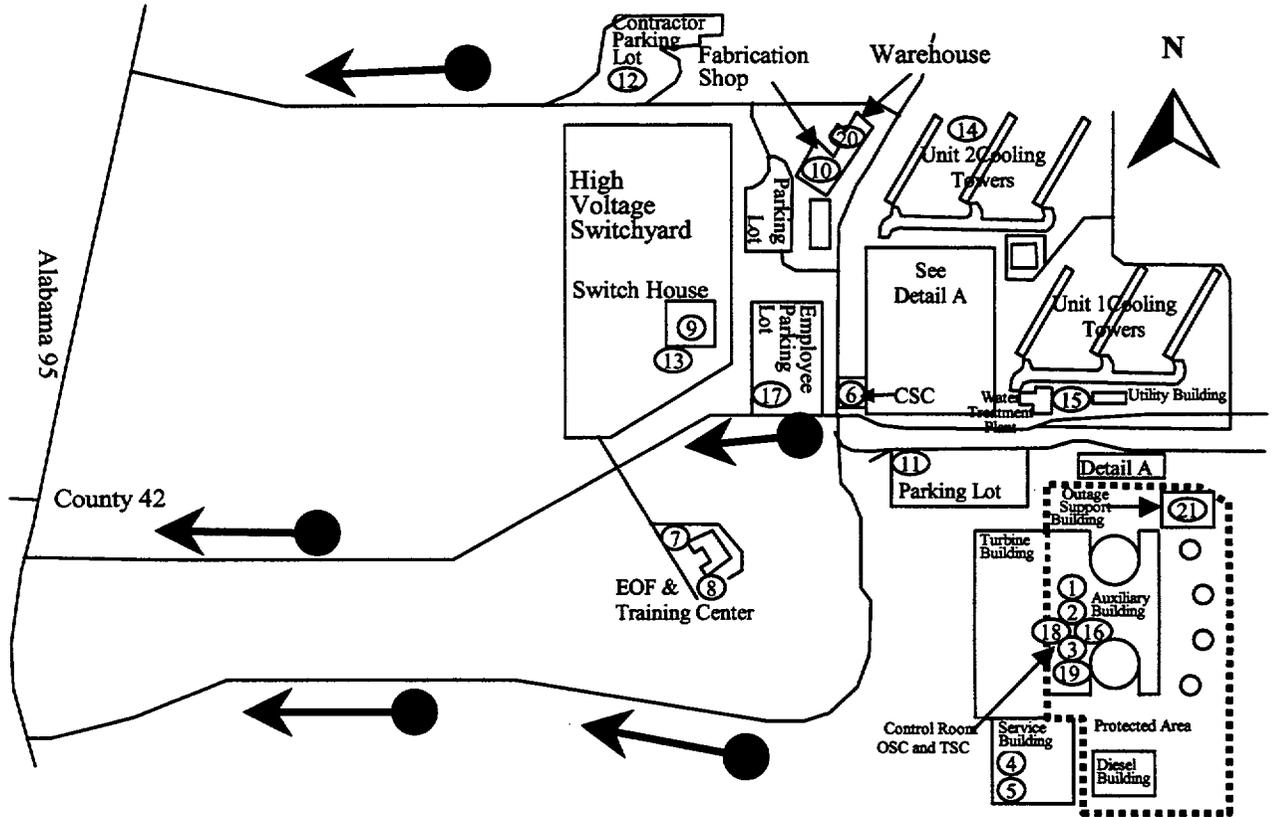
REFERENCES

1. Joseph M. Farley Nuclear Plant Emergency Plan

2. FNP-0-EIP-14.0 - Personnel Movement, Relocation, Re-Entry and Site Evacuation

FIGURE 1

ON-SITE EVACUATION ROUTES,
ASSEMBLY AREAS, AND OPERATIONS SUPPORT CENTER



LEGEND

OPERATION SUPPORT CENTER

1 BREAKROOM OUTSIDE TSC

ASSEMBLY AREAS

- 2 CONTROL ROOM
- 3 TSC
- 4 SERVICE BUILDING AUDITORIUM
- 5 MAINTENANCE SHOP
- 6 CSC
- 7 VISITORS CENTER AUDITORIUM
- 8 EOF
- 9 SWITCH HOUSE
- 10 FABRICATION SHOP
- 20 WAREHOUSE RECEIVING AREA
- 21 OUTAGE SUPPORT BUILDING

ALTERNATE ASSEMBLY AREAS

- 11 PARKING LOT SOUTH OF S.B.
- 12 CONTRACTOR PARKING LOT
- 13 SWITCHHOUSE PARKING LOT
- 14 BETWEEN 2A & 2B COOLING TOWERS
- 15 UTILITY BUILDING
- 16 SE CORNER OF CONTROL ROOM
- 17 EMPLOYEE PARKING LOT
- 18 BREAKROOM NEAR PAP
- 19 HP OFFICE AREA

EVACUATION ROUTES

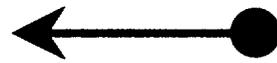


FIGURE 3

**PROTECTED AREA ACCOUNTABILITY
CONTINGENCY PLAN**

This figure should only be used for Protected Area Accountability in the event that the Biometrics System has failed and the Protected Area Accountability Contingency Plan is required.

The OSC Manager or senior individual in the OSC is responsible for completing Protected Area Accountability Contingency Plan per procedure step 8.7 if informed that it is required by security.

Determine from the senior individuals for each of the groups or locations listed below any individuals that are on site for their group, should have assembled in the protected area and are missing.

- Operations
- Chemistry
- Health Physics
- Health Physics Support
- TSC
- Control Room
- Outage Support Building (Steam Generator Replacement Group)

LIST THE NAMES OF MISSING PERSONNEL THAT SHOULD BE IN A PROTECTED AREA ASSEMBLY AREA AND ARE MISSING FROM THAT ASSEMBLY AREA.

PRINT LEGIBLY

BADGE NUMBER (if known)	LAST NAME	FIRST NAME

LIST THE NAMES OF MISSING PERSONNEL THAT SHOULD BE IN AN ASSEMBLY AREA OUTSIDE THE PROTECTED AREA AND ARE MISSING FROM THAT ASSEMBLY AREA PER THE SECURITY FINAL ACCOUNTABILITY REPORT. THESE INDIVIDUALS MAY BE CONSIDERED TO BE IN THE PROTECTED AREA UNTIL DETERMINED OTHERWISE.

PRINT LEGIBLY

BADGE NUMBER (if known)	LAST NAME	FIRST NAME

Report to the Emergency Director that initial accountability has been completed using the contingency plan, and provide the Emergency Director with a list of any personnel who are missing and presumed to be in the Protected Area.

FIGURE 4

OUTSIDE PROTECTED AREA ACCOUNTABILITY

Service Building Auditorium

- Operations
- Chem & Env
- SAER Personnel
- Cafeteria Staff
- Health Physics
- IMS
- Document Control
- Admin Staff
- Facilities Staff
- O & M (Outage Staff)
- NRC Admin Staff
- Personnel Engaged In Non-Work Activities
- Other Personnel _____

Visitors Center Auditorium

- Training Staff
- Training Students
- Chem & Env Personnel
- Fitness For Duty Staff
- Visitors Center Staff
- Visitors In (VC Staff Responsibility)
- Personnel Engaged In Non-Work Activities
- Other _____
- _____

Warehouse Receiving Area

- Materials Dept Staff not in Cold Toolroom
- QC Personnel

Maintenance Shop

- Maintenance Teams 1 through 8
- Maintenance Supervision and staff
- Materials Dept Staff in Cold Toolroom
- Maintenance Contractors (not Williams)
- Siemens-Westinghouse Turbine Personnel

Fabrication Shop

- O & M (Modification Staff)
- Williams Personnel
- Contractors Assigned To O&M Or Williams
- Support Building Admin Staff
- Engineering Support Staff
- Satellite Document Control staff
- Westinghouse NSSS Personnel
- SGR staff not assigned to OSB

CSC

- Security Personnel Not On Shift
- Security Personnel assigned Outside PA

EOF

- EOF Assigned Staff
- Augmented EOF Staff
- Alabama/Houston Co. Personnel
- Georgia/Early Co. Personnel
- Florida Personnel
- NRC Staff
- Other _____

Switch House

- Switchhouse Personnel

Missing Personnel

Accountability Reported To CSC(2438) by _____

FIGURE 5

CSC FINAL ACCOUNTABILITY LOG

<u>ASSEMBLY AREA</u>	<u>ACCOUNTABILITY COMPLETED</u> <u>DATE/TIME</u>
SERVICE BUILDING AUDITORIUM	/
MAINTENANCE SHOP	/
CSC	/
VISITORS CENTER AUDITORIUM	/
SWITCHHOUSE	/
FABRICATION SHOP	/
EOF	/
WAREHOUSE RECEIVING AREA	/
ALTERNATE ASSEMBLY AREAS (IF USED)	/

MISSING PERSONNEL

REPORT TO THE EMERGENCY DIRECTOR THAT SECURITY HAS COMPLETED FINAL ACCOUNTABILITY OUTSIDE THE PROTECTED AREA AND PROVIDE THE EMERGENCY DIRECTOR WITH A LIST OF ANY PERSONNEL THAT ARE MISSING. (ED PHONE # 6016, MM PHONE # 6018, TM PHONE # 6010 OR OM PHONE #6017. IF THE ED OR TSC CANNOT BE REACHED AT ANY OF THE FOUR LISTED NUMBERS, SEND A RUNNER, CONTACT THE PAP OR SAP TO SEND A RUNNER TO THE TSC TO MAKE THE REPORT.)

ACCOUNTABILITY REPORTED TO ED BY _____ / _____
DATE/TIME

ACCOUNTABILITY FLOW CHART

