

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



*Energy to Serve Your World<sup>SM</sup>*

FNP-~~00~~-010-NRC-DC

February 23, 2000

DIRECTOR, OFFICE OF NUCLEAR REACTOR REGULATION  
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 PROCEDURES LISTED BELOW.

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

FNP-0-EIP-10.0 (1 COPY)

SINCERELY,

A handwritten signature in cursive script that reads "Donnie Hardy".

DONNIE HARDY

DOCUMENT CONTROL SUPERVISOR

DCH:llb

CC: FILE RTYPE A4.54

Memo Disk 1 - NRC

A045

12/07/99 8:00:19

SHARED

FNP-0-EIP-10.0  
December 7, 1999  
Revision 29

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

EVACUATION AND PERSONNEL ACCOUNTABILITY

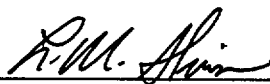
S  
A  
F  
E  
T  
Y  
  
R  
E  
L  
A  
T  
E  
D

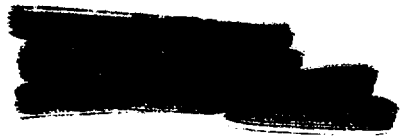
PROCEDURE USAGE REQUIREMENTS PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	Sections 8.5, 8.7, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8
Information Use	Remainder of Procedure

UNCONTROLLED COPY

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

Approved:

  
\_\_\_\_\_  
Nuclear Plant General Manager



Date Issued 2-21-00

LIST OF EFFECTIVE PAGES

PAGE NO.	REVISION NO.										
	REV	27	28	29	30	31	32	33	34	35	36
T.O.C.1	26	X	X	X							
1	26	X	X	X							
2	26	X	X	X							
3	26	X	X	X							
4	26	X	X	X							
5	26	X	X	X							
6	26	X	X	X							
7	26	X	X	X							
8	26	X	X	X							
9	26	X	X	X							
10	26	X	X	X							
11	26	X	X	X							
12	26	X	X	X							
13	26	DEL	X	X							
14	26	DEL	X	X							
TABLE 1	25	X	X	X							
FIGURE 1	26	X	X	X							
FIGURE 2	26	X	X	X							
FIGURE 3	26	X	X	X							
FIGURE 4	26	X	X	X							
FIGURE 5	26	X	X	X							
FIGURE 6	26	X	X	X							

**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 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.
- 4.3 Escorted visitors will remain with their escort and report to the same assembly area as their escort.
- 4.4 Other visitors/contractors on site will report to the assembly area designated for the on-site work group with whom they are working.
- 4.5 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.
- 4.6 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.
- 4.7 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.

- 4.8 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.
- 4.9 NRC Inspectors will assemble in any one of the assembly areas as appropriate for plant and emergency conditions.
- 4.10 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 Center Staff	7
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 into 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.

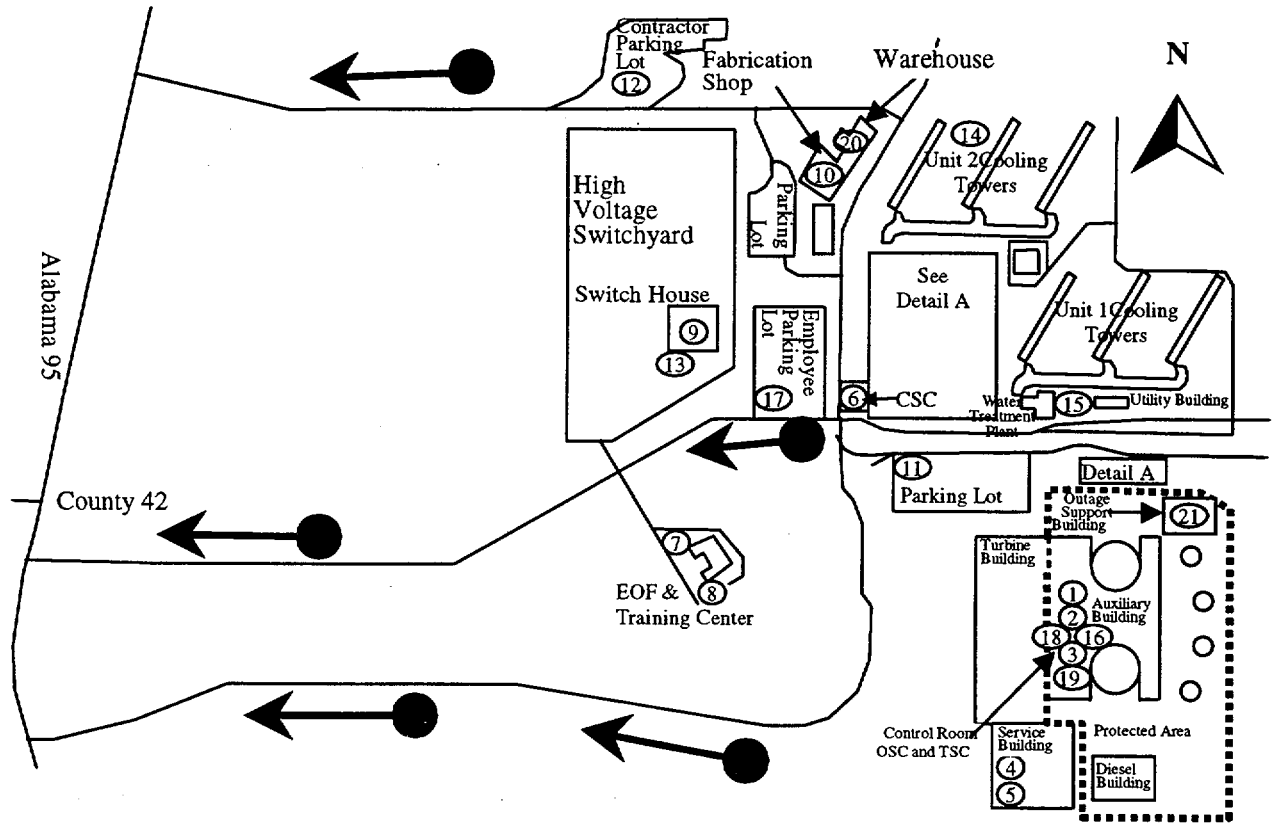
12.4 When announcing a fire or other unusual circumstance, a public address announcement should be made providing specific instructions; then, the siren should be actuated for approximately 30 seconds. The public address announcement should be repeated.

**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



#### 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

#### LEGEND

#### 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 2**

**PROTECTED AREA ACCOUNTABILITY**

This figure may be used by security as an aid to report the completion of Protected Area Accountability to the Emergency Director when using the Biometrics system. The report can be made by a phone call to the TSC or sending a runner to the TSC with this figure, a Biometrics computer printout or a blank piece of paper with the names of the missing personnel.

THE PERSONNEL LISTED BELOW ARE IN THE PROTECTED AREA ACCORDING TO THE BIOMETRICS SYSTEM AND ARE MISSING

SECURITY BADGE NUMBER	(PRINTED LEGIBLY) LAST NAME	FIRST NAME
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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
- Siemens-Westinghouse Turbine Personnel
- 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)

### 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> DATE/TIME
SERVICE BUILDING AUDITORIUM	/
MAINTENANCE SHOP	/
CSC	/
VISITORS CENTER AUDITORIUM	/
SWITCHHOUSE	/
FABRICATION SHOP	/
EOF	/
WAREHOUSE RECEIVING AREA	/
ALTERNATE ASSEMBLY AREAS (IF USED)	/
<b>MISSING PERSONNEL</b>	

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

