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FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
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EVACUATION AND PERSONNEL ACCOUNTABILITY

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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

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan.
- 2.2 FNP Operating Manual, Vol. 14, FNP-0-EIP-14, "Re-entry Procedures".

3.0 General

- 3.1 For the purposes of site evacuation and personnel accountability, the following locations are designated as assembly areas:

- a. Service Building Auditorium
- b. Maintenance Shop
- c. Plant road immediately east of the Daniel Construction Company Office Complex
- d. CSC
- e. Visitors Center Auditorium

The following location are designated as Alternate Assembly Areas and are to be used at the discretion of the emergency director:

- a. Utility Building
- b. Daniel Craft Parking Lot
- c. Daniel Office Parking Lot
- d. Switchhouse
- e. APCO Parking Lot
- f. between Unit #2 "2A" and "2B" Cooling Towers

See Figure 1 for all of the above locations.

- 3.2 All personnel shall familiarize themselves with the location of their particular assembly area.
- 3.3 Personnel who report to an assembly area shall assemble according to groups to facilitate accurate and timely accountability.
- 3.4 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.

- 3.5 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.
- 3.6 Each plant supervisor or senior individual onsite from each group shall be responsible for accounting for all persons working in or visiting his group.
- 3.7 When evacuating the RCA, attempt to remove the outer layer of protective clothing before proceeding to the assembly area.
- 3.8 Personnel exiting the RCA wearing protective clothing during an evacuation should make every reasonable effort to avoid contaminating equipment, walls, floors and other personnel.
- 3.9 Visitors shall be under the direction of the APCo tour guide.
- 3.10 When an evacuation is announced the plant guard at the Primary Access Point (PAP) shall immediately review the visitor log and badge storage racks to determine the number of people in each group who are inside the Protected Area.
- 3.11 After an emergency has been declared, the security guard(s) at the Primary Access Point shall ensure that no one except personnel with emergency duty assignments enters the Protected Area without the approval of the Emergency Director or his designee.
- 3.12 All personnel shall return their security badge and personnel dosimetry devices to the plant guard at the Primary Access Point each time they leave the Protected Area.
- 3.13 Accountability shall be deemed complete upon the reporting of the total number of missing personnel to the Emergency Director. The report must not be delayed as a result of trying to locate the missing personnel.

4.0 Procedure

4.1 Local Evacuation

A Local Evacuation is initiated by a local alarm or by the Shift Supervisor announcing over the

PA system the affected area, evacuation routes, assembly area(s) and other instructions as applicable.

- 4.1.1 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.
- 4.1.2 The Shift Supervisor or Emergency Director will activate emergency teams as required to locate and ensure the evacuation of personnel.
- 4.1.3 Accountability
 - 4.1.3.1 For Containment evacuation, the guard or senior APCo employee present will account for personnel utilizing the Containment Access Log and notify the Shift Supervisor.
 - 4.1.3.2 For Auxiliary Building evacuation, the senior health physics technician present will account for personnel utilizing the RWP time cards and notify the Shift Supervisor.
 - 4.1.3.3 In the event of local evacuations other than the Containment or the Auxiliary Building, the senior APCo employee present will count all personnel and notify the Shift Supervisor.
 - 4.1.3.4 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 effected by a systematic search of the affected area to ascertain all personnel have evacuated.

4.2 General Evacuation

A General Evacuation is initiated by the sounding of the Plant Emergency Alarm.

- 4.2.1 The Emergency Director, Technical Manager, Maintenance Manager, Operations Manager

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and Health Physics Manager shall report to the Technical Support Center.

- 4.2.2 The Operations Supervisor, Health Physics Supervisor, members of the operating crew(s) and on-shift C&HP personnel, if not in the Control Room shall secure the operation in which they are engaged and proceed immediately to the Control Room (southeast corner). The senior individual at the Protected Area OSC shall determine all Operations and C&HP personnel assembled in the OSC and control room and notify the PAP. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate missing personnel.
- 4.2.3 All APCo construction personnel inside the Protected Area, and all APCo production personnel onsite shall secure equipment which they are operating and shall report to the following assembly areas.
- 4.2.3.1 Service Building Maintenance Shop (Figure 1 - (2))- Maintenance Supervision, all Maintenance personnel and all contractor construction personnel inside the Protected Area.
- 4.2.3.2 Service Building Auditorium - All other personnel (Figure 1 - (1))
- 4.2.3.3 CSC Building (Figure 1 - (5))
- All on duty security shift personnel shall man their guard post until notified to report to the CSC by the security shift foreman or emergency director.
- 4.2.3.4 All DCCA construction personnel (and DCCA subcontractor personnel) inside the Protected Area shall secure the work they are performing, shall exit the Protected Area at the PAP, and shall report to their designated assembly areas at the Plant road immediately east of the Daniel Construction Company Office Complex (Figure 1 - (4))

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4.2.3.5 All employees assigned to the Visitors Center including students attending class shall assemble in the Visitors Center Auditorium for accountability.

4.2.3.6 Alternate Assembly Areas *(To be used at the discretion of the Emergency Director):

- A) Utility Building
- B) The Daniel Craft Parking Lot
- C) The Daniel Office Parking Lot
- D) Switchhouse
- E) The APCO Parking Lot
- F) Location Between Unit # 2 "2A" and "2B" Cooling Towers.

*NOTE: See Figure 1

4.2.4 Visitors on tour of the site (outside the Controlled Area) shall be immediately escorted to the Visitors Center Auditorium (Figure 1-(3)) by the APCo tour guide in charge of the group. Visitors will remain in this room until released by the Emergency Director. Visitors on tour inside the Controlled Area shall be escorted to the Service Building auditorium (Figure 1 - (1)).

4.2.5 Each supervisor shall account for personnel in his group and shall report the results to the senior individual at the assembly area. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate the missing personnel.

4.2.6 Accountability within the Protected Area will be determined by the senior individual at the assembly area coordinating with the Primary Access Point (PAP). Results of the count shall then be reported to the Emergency Director by the senior

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plant guard at the PAP. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate the missing personnel.

4.2.7 Accountability within the Controlled Area will be determined by the senior individual at each assembly area coordinating with the CSC and then reported to the Emergency Director by the senior individual in the CSC. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate the missing personnel.

4.2.8 Construction personnel

4.2.8.1 Timekeepers shall keep an accurate count by time cards of all Daniel Construction Company employees and Subcontractor employees.

4.2.8.2 All visitors shall be logged in by name and address and logged out upon leaving.

4.2.8.3 Evacuation & accountability shall proceed as follows:

- a. Secure equipment and evacuate their work areas.
- b. Report to their designated assembly areas as shown in Figure 1.
- c. Each foreman or other first line supervisor shall be responsible for the accountability of his personnel. He shall report the number of his personnel present and any missing personnel to his general foreman. General foreman shall report the numbers to their superintendent or other designated supervisor. Superintendents

shall report the numbers to their department manager. Department managers shall then check the totals for each craft or employee group against the time card numbers. Results of the checks shall be reported by the department managers to the Project Manager. The Project Manager shall report to the APCo Emergency Director.

4.2.9 The Emergency Director shall:

- 4.2.9.1 Activate teams to search for unaccounted personnel according to FNP-0-EIP-14, "Re-entry Procedures".
- 4.2.9.2 Evaluate the emergency conditions and direct non-essential personnel to either depart from the site or return to work.
- 4.2.9.3 Provide for transportation for persons without vehicles.
- 4.2.9.4 Provide clothing for personnel found to be contaminated.

4.2.10 Upon the order to evacuate the site, non-essential, APCo Production personnel shall be monitored by a C&HP technician and released from the CSC Building. If the background radiation makes the CSC Building unsuitable as a release point, personnel shall be escorted by the C&HP technician and a plant guard to the site boundary at the intersection of the Main Entrance Road and State Road 95, monitored and released.

Construction personnel shall be monitored by C&HP technicians and released at the clock alleys. If this location is unsuitable as a release point, the personnel shall be escorted by the C&HP technicians and security guards to the intersection of the construction entrance road and State Road 95, monitored and

released. Personnel will be advised which offsite evacuation route should be used.

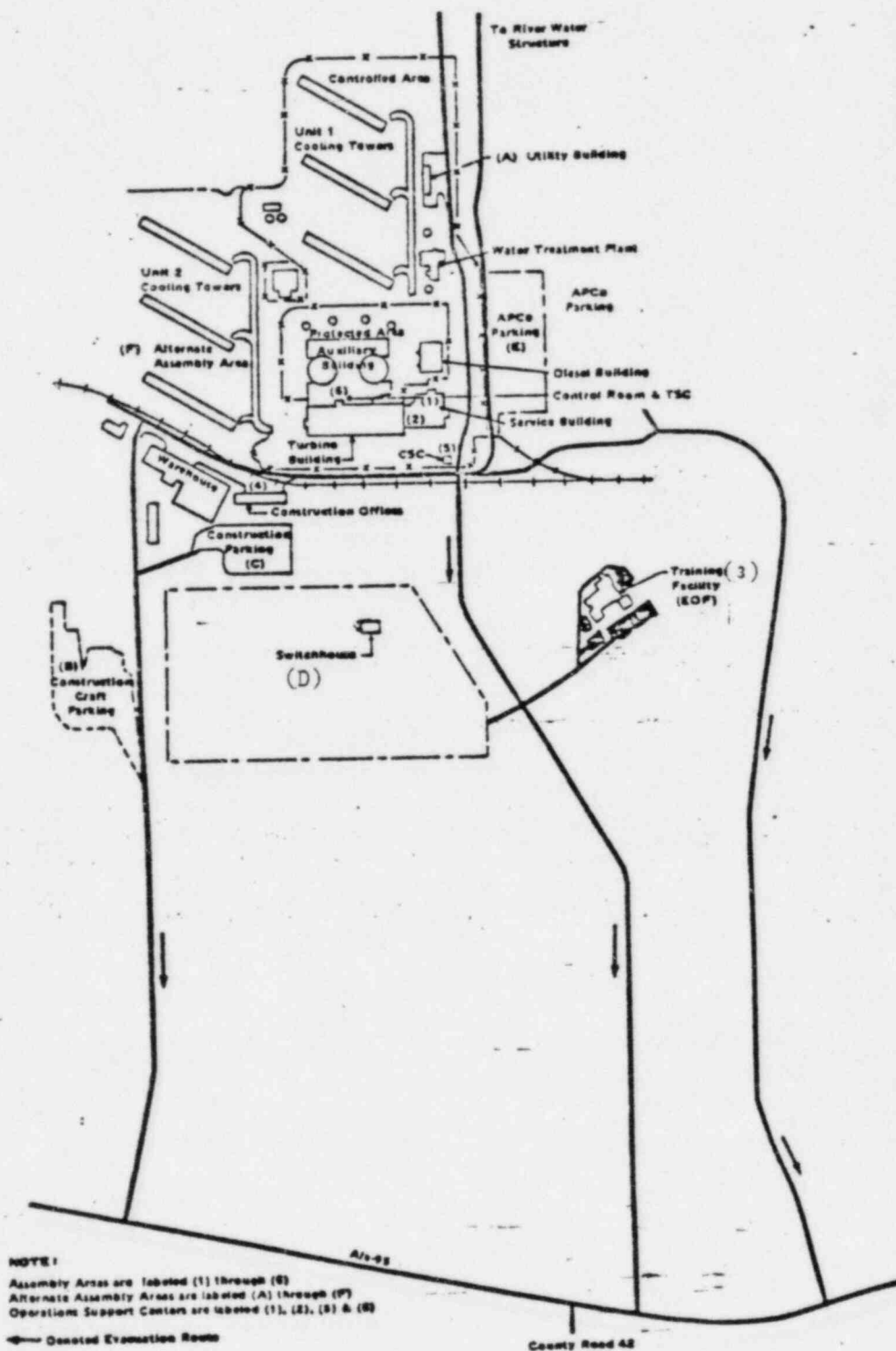
Any personnel or equipment found to be contaminated will be returned to the plant for decontamination or routed to one of the following decontamination points with the concurrence of the Houston County or Early County EOC.

4.2.10.1 Houston County Rescue Squad Building (located on Ashford-Webb Road approximately 10 miles due west of FNP)

4.2.10.2 Houston County Farm Center (Cattle Barn).

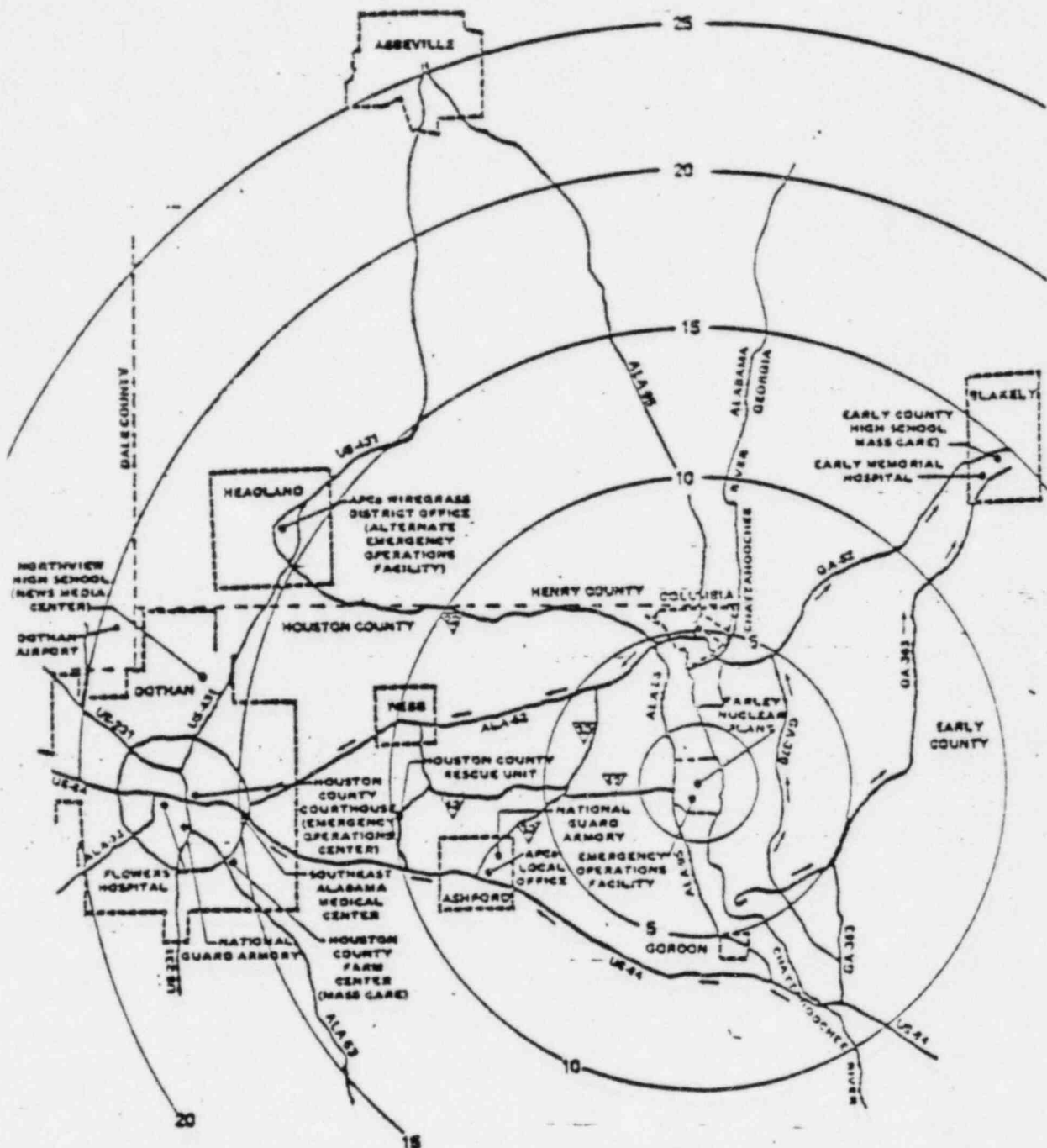
4.2.10.3 Early County High School

4.2.11 Onsite evacuation routes are shown in Figure 1. Offsite evacuation routes are shown in Figure 2.



ONSITE EVACUATION ROUTES, SITE ASSEMBLY AREAS
AND OPERATIONS SUPPORT CENTERS.

- Figure 1



OFFSITE EVACUATION ROUTES

Figure 2

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