

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-3

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DUTIES OF THE EMERGENCY DIRECTOR

Approved:

W. J. [Signature]
Plant Manager

Date Issued: 1-26-84

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DUTIES OF THE EMERGENCY DIRECTOR

1.0 Purpose

This procedure provides guidelines for the Emergency Director during emergency situations.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP-0-EIP-0, Emergency Organization and Control Room Access
- 2.3 FNP-0-EIP-7, Security Support to the Emergency Plan
- 2.4 FNP-0-EIP-8, Notification Roster
- 2.5 FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies
- 2.6 FNP-0-EIP-10, Evacuation and Personnel Accountability
- 2.7 FNP-0-EIP-14, Re-entry Procedures
- 2.8 FNP-0-EIP-26, Offsite Notification
- 2.9 FNP-0-EIP-27, Activation of the Emergency Operations Facility

3.0 General

A copy of FNP-0-EIP-8, Notification Roster, FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies FNP-0-EIP-26, Offsite Notification, and this procedure shall be maintained with the Emergency Director on call.

4.0 Procedure

The Emergency Director shall have responsibility for the overall direction of plant emergency activities and with interfacing with off-site groups. He shall be guided by the following in addition to specific actions delineated in applicable EIP's:

- 4.1 Evaluate conditions and if these conditions so warrant, declare the existence of an emergency. If an emergency has been declared, reevaluate the conditions. Downgrading an emergency level will not be delegated to other elements of the emergency organization.

- 4.2 Verify correct control room response to the emergency condition.
- 4.3 Determine radiological status and initiate notifications and/or evacuations as necessary per EIP-9 and EIP-26.
- 4.4 Initiate rescue and emergency repair operations per EIP-14 if appropriate measures are not underway.
- 4.5 Maintain plant security.
- 4.6 Establish communications with and provide information to the Recovery Manager in the EOF per EIP-27.
- 4.7 Perform personnel accountability per EIP-10.
- 4.8 Coordinate and maintain communications with offsite authorities per EIP-26.
- 4.9 Provide staffing of the Technical Support Center (TSC) and Operations Support Centers (OSC) per EIP-0 within two hours of the declaration of the emergency by notifying the Technical Manager.
 - 4.9.1 Within eight (8) hours of the declaration of an emergency, provide a full complement to be available to relieve TSC and OSC personnel.
 - 4.9.2 Within sixteen (16) hours of the declaration of an emergency, provide sufficient personnel such that the TSC and OSC's can be staffed on a 24 hour-a-day basis for at least one week.
- 4.10 Assign an individual to keep a record of all communications with the general office and offsite authorities.

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January 25, 1984
Revision 12

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-4

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CHEMISTRY & ENVIRONMENTAL AND HEALTH PHYSICS
SUPPORT TO THE EMERGENCY PLAN

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Approved:

W. A. [Signature]
Plant Manager

Date Issued: 1-27-84

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CHEMISTRY & ENVIRONMENTAL AND HEALTH PHYSICS
SUPPORT TO THE EMERGENCY PLAN

1.0 Purpose

This procedure delineates the responsibilities of the Chemistry & Environmental and Health Physics groups during emergency conditions.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan.
- 2.2 FNP-0-EIP-10, Evacuation and Personnel Accountability.
- 2.3 FNP-0-EIP-11, Handling of Injured Personnel.
- 2.4 FNP-0-EIP-13, Fire Emergencies.
- 2.5 FNP-0-EIP-14, Re-entry Procedures.
- 2.6 FNP-0-RCP-25, Chemistry and Health Physics Activities During a Radiological Accident (Short Term).
- 2.7 FNP-0-RCP-26, Radiological Surveys and Monitoring
- 2.8 FNP-1,2-RCP-372, Sampling Radiological Process Streams for Analysis
- 2.9 FNP-1,2-RCP-708, Sampling Points for Potential Radiological Effluents
- 2.10 FNP-0-RCP-714, Preparation of Liquid Samples for Gross Beta-Gamma Determination
- 2.11 FNP-0-RCP-723, Measurement of Primary to Secondary Leakage Rate
- 2.12 FNP-0-RCP-728, Operation and Calibration of Multichannel Analyzer Systems
- 2.13 FNP-0-RCP-730, Operation and Calibration of Gas Flow Proportional Counting Systems
- 2.14 FNP-0-RCP-732, Operation of the Plant Vent Stack Monitoring System
- 2.15 FNP-0-RCP-741, Operation and Calibration of the Whole Body Counter

- 2.16 FNP-0-RCP-743, Bioassay Sampling and Analysis
- 2.17 FNP-0-RCP-744, Operation and Calibration of the Harshaw TLD Reader - Models 2000A and B

3.0 General

- 3.1 Chemistry & Environmental and Health Physics support during emergencies shall consist of but is not limited to the following actions:
 - 3.1.1 Provide personnel for Radiation Monitoring Teams for monitoring in the plant, in the environment (onsite and offsite) and at the Southeast Alabama Medical Center (SAMC).
 - 3.1.2 If necessary, perform sampling, monitoring, chemical analysis and isotopic analysis activities delineated in RCP-25.
 - 3.1.3 Provide environmental monitoring data to the Emergency Director.
 - 3.1.4 Assist in planning re-entry and recovery activities to aid in minimizing personnel exposures.
- 3.2 Chemistry & Environmental support to emergency preparedness includes the assignment of the Environmental and Emergency Planning Sector Supervisor to the additional responsibilities of Emergency Planning Coordinator.
- 3.3 The responsibilities of the Emergency Planning Coordinator include but are not limited to the following:
 - 3.3.1 Technical assistance and liaison to the Training Superintendent (Emergency Plan training for APCO employee is the responsibility of the Training Superintendent).
 - 3.3.2 The annual review of the Emergency Plan and the implementing procedures.
 - 3.3.3 Incorporating changes and updates to the Emergency Plan and implementing procedures.
 - 3.3.4 Technical and monitoring assistance for drills.
 - 3.3.5 For maintaining a status of emergency systems and equipment.

- 3.3.6 For maintaining emergency supplies at adequate levels.

4.0 Procedure

4.1 The Health Physics Manager shall:

- 4.1.1 Report to the TSC or location directed by the Emergency Director or the Technical Manager.
- 4.1.2 Dispatch Health Physics technicians to provide radiation monitoring of personnel in the assembly areas. Record type and level of radiation found by Health Physics personnel in the assembly areas and if needed have dosimetry issued to personnel in the affected areas. Notify E.D. if initiation of protective actions is needed (i.e.: respiratory protection, evacuation).

NOTE: Should conditions change during any phase of the accident that could possibly expose personnel in the assembly areas to radiation hazards, monitoring of those areas should be performed as soon as possible.

- 4.1.3 Implement RCP-25, if appropriate.
- 4.1.4 Provide HP coverage when searching for missing personnel at the direction of the Emergency Director.
- 4.1.5 Initiate recall of off-duty personnel as necessary.
- 4.1.6 Provide the Emergency Director with information concerning plant status and environmental monitoring data concerning any radiological incident.
- 4.1.7 Assign available personnel to specific Radiation Monitoring Teams (RMT). Maintain communications with environmental RMT's via radio located in the TSC. When the EOF has been manned and the Emergency Director has turned over offsite coordination to the Recovery Manager, the HP Manager will turn over control of RMT's to the Dose Assessment Director at the EOF.

- 4.1.8 Assist the Emergency Director by planning the activities of and giving instructions to members of the Radiation Monitoring Team(s).
- 4.1.9 Assist the Emergency Director and other groups in planning re-entry and recovery activities to minimize personnel exposures.
- 4.1.10 Evaluate the relocation of access control as necessary for re-entry.
- 4.1.11 Provide supervision for personnel, area, and equipment decontamination during an accident to prevent/limit the spread of contamination.

Decontamination will be initiated if practicable:

- a. Inside the Radiation Controlled Area (RCA) when radioactive contamination for personnel and equipment reach 1000 and 5000 dpm/100cm², respectively.
 - b. Outside the RCA when radioactive contamination for personnel and equipment reach 200 and 500 dpm/100cm², respectively.
- 4.1.12 If conditions warrant, provide for sampling and analysis of site drinking water for radioactive contamination. If site drinking water is found to exceed the limits specified in 10CFR20, Appendix B, Table 1 column 2, the Health Physics Manager shall order the quarantining and posting of the affected water outlet. Posting will be performed by the Health Physics Foreman or his designee.
 - 4.1.13 If a person is to be exposed to airborne radioactive iodine such that he would exceed 2,000 MPC-hrs, consider issuing potassium iodide as a thyroid blocking agent. Instructions and considerations for use are listed in Figure 3. In all cases, considerations should be given to self contained breathing apparatus (SCBA), full face respirators with iodine canisters and iodine blocking agents (KI) to minimize thyroid dose. Such consideration should take into account the added time

required to accomplish a task due to the limitations of the protective equipment. If, however, iodine concentrations are known, every effort should be taken to limit thyroid dose to no more than 125 Rem for operation of emergency equipment or activities intended to mitigate the emergency. Since man can live without a thyroid, no upper limit is placed on a thyroid dose for life saving activities.

- 4.1.14 Provide the Emergency Director with information concerning environmental monitoring data.
 - 4.1.15 Maintain communications with environmental RMT's via radio located in the TSC.
 - 4.1.16 Provide for offsite analysis of radiological samples as appropriate.
 - 4.1.17 Determine the severity of core damage based on the gamma dose rate inside containment per Appendix 1.
- 4.2 A Radiation Monitoring Team assigned to monitor in the plant or at assembly areas shall:
- 4.2.1 Comply with EIP-10 in providing support during evacuations.
 - 4.2.2 Comply with EIP-11 in providing support to injured personnel.
 - 4.2.3 Comply with EIP-13 if supporting the fire brigade.
 - 4.2.4 Comply with EIP-14 if a member of a re-entry team.
 - 4.2.5 Don necessary protective clothing and emergency equipment and perform radiological surveys as directed.
 - 4.2.6 Document all survey data.
 - 4.2.7 Post and establish controlled access areas as appropriate.
 - 4.2.8 Report findings to the Technical Support Center (TSC) or Emergency Operations Facility(EOF) as appropriate.

- 4.3 A Radiation Monitoring Team assigned to monitor in the environmental (onsite and offsite) shall:
- 4.3.1 Obtain the RMT kit from the CSC building. Check operability of all equipment. Don necessary protective clothing and emergency equipment.
 - 4.3.2 Proceed to the Environmental Vehicle or other available plant vehicle. Verify operability of vehicle radio on channels 3 and 4 with CSC. Use channel 3 east of Webb; use channel 4 west of Webb. If the vehicle radio is not operable, pickup a handheld transceiver from the EOF. Verify operability of radio on channel 2.
 - 4.3.3 Perform a direct radiation, air particulate, and radiiodine surveys in areas designated by the Emergency Director or Technical Manager. Refer to Figures 1 and 2 for designated monitoring points.
 - 4.3.4 Replace any TLD located in the area and post additional TLD's as directed.
 - 4.3.5 Document survey data.
 - 4.3.6 Relay data to the TSC or EOF as directed via radio. Report locations per the instructions on Figure 2.
- 4.4 A Radiation Monitoring Team assigned to monitor at the Southeast Alabama Medical Center shall:
- 4.4.1 Maintain a log of all personnel who enter the Radiation Casualty Receiving Area or who are in the vicinity of the casualty.
 - 4.4.2 Ensure that the ventilation system registers in the Radiation Casualty/Decontamination Area are closed if high levels of contamination are involved.
 - 4.4.3 Keep the doctor informed of radiation and contamination levels.
 - 4.4.4 Monitor the patient when directed by the doctor.
 - 4.4.5 Ensure all body excreta and excised tissue from patient are placed in appropriately labeled and sealed containers.

- 4.4.6 Provide decontamination information to doctor as requested.
 - 4.4.7 If patient must be transferred to surgery or elsewhere in the hospital, advise doctor as to the radiological precautions necessary during and after transfer.
 - 4.4.8 After the patient has left the Radiation Casualty/Decontamination Area, survey personnel, equipment and the Radiation Casualty/Decontamination Area. Direct decontamination efforts to return the area to normal use.
 - 4.4.9 Survey ambulance personnel, ambulance, equipment, receiving area and path of the casualty and direct decontamination efforts, if necessary.
 - 4.4.10 Collect and prepare all bioassay samples, smears and waste containers for transportation to the plant. Post and label containers and area as appropriate.
 - 4.4.11 Sample the run-off in the holdup tank for analysis at the plant. Based on the analysis the Health Physics Manager shall inform SAMC to hold the contents for drumming or to release the contents to the sanitary sewer system.
 - 4.4.12 Obtain personnel monitoring devices and appropriate information from hospital personnel.
 - 4.4.13 Document all survey data and record all actions in the logbook.
 - 4.4.14 Maintain communications with Emergency Director or Health Physics Manager.
- 4.5 The On-call Environmental Supervisor shall:
- 4.5.1 Report to the ADMS terminal in the TSC or location directed by the Emergency Director or Technical Manager.
 - 4.5.2 Assist the Technical Manager with the responsibility for off-site dose assessment.
 - 4.5.3 Report to the EOF Dose Assessment Director to assist in dose assessment at the direction of the Emergency Director or Technical Manager.

RADIATION MONITORING TEAM CHECKLIST: ENVIRONMENTAL

The senior Chemistry & Environmental or Health Physics Technician on the team shall be responsible for completing the checklist and returning it to the Health Physics Manager. Refer to Figure-1 for predesigned monitoring points.

The Environmental Radiation Monitoring Team (onsite and offsite) shall:

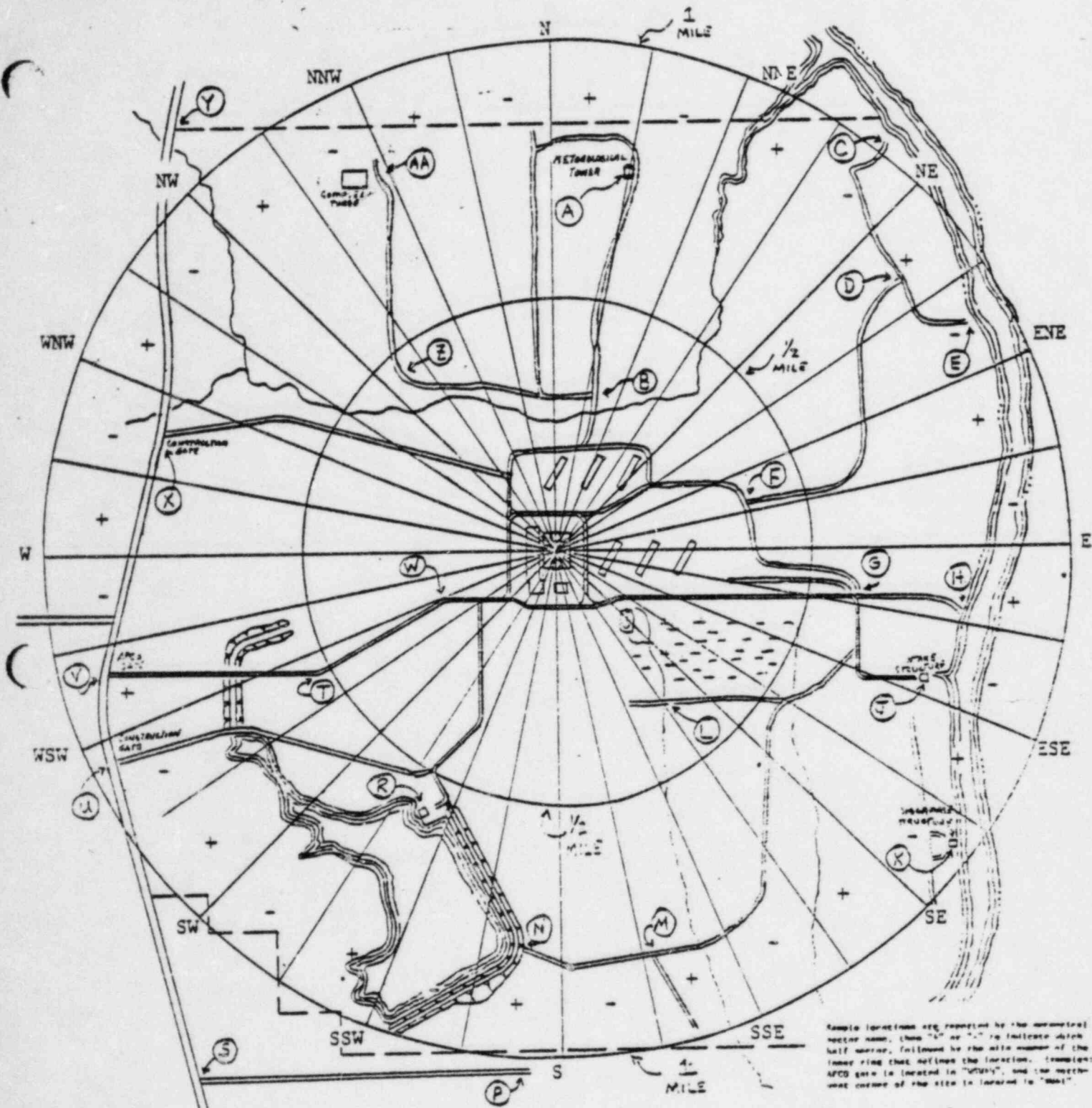
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| A. Obtain RMT kit from CSC. Don necessary protective clothing and emergency equipment | _____ |
| B. Pick up monitoring equipment (i.e. G.M. Instrument, Exposure Rate Instrument, and Air Sampler) necessary for environmental survey. Check operability of equipment. | _____ |
| C. Verify operation (Channel 3 and 4) of vehicle two-way radio prior to exit from site. | _____ |
| D. If the two-way radio is non-operational or if the vehicle is not equipped with a radio, pick up a transceiver from EOF. Check operability on Channel 2. | _____ |
| E. Perform surveys and document survey data on CHP Form 242 "Health Physics Survey Record". Assign a sequential survey number and record this number along with the location in the bound log book in the EMT kit. Report locations per instructions on Figure 2. | _____ |
| F. Label all samples with sample time, flow rates, location, date, etc. | _____ |
| G. Maintain two-way radio in the <u>ON</u> position and report data to TSC or EOF as directed. | _____ |
| H. If requested to replace filters at environmental air sampling station, record totalizer reading and insure flow rate is 1½ cubic feet/minute. | _____ |
| I. If replacing environmental TLD's, record TLD serial number, sector, date and time TLD placed or removed. | _____ |

RADIATION MONITORING TEAM CHECKLIST: HOSPITAL

The senior Chemistry & Environmental or Health Physics Technician on the team shall be responsible for completing the checklist and returning it to the Health Physics Manager.

The Radiation Monitoring Team at the Hospital shall:

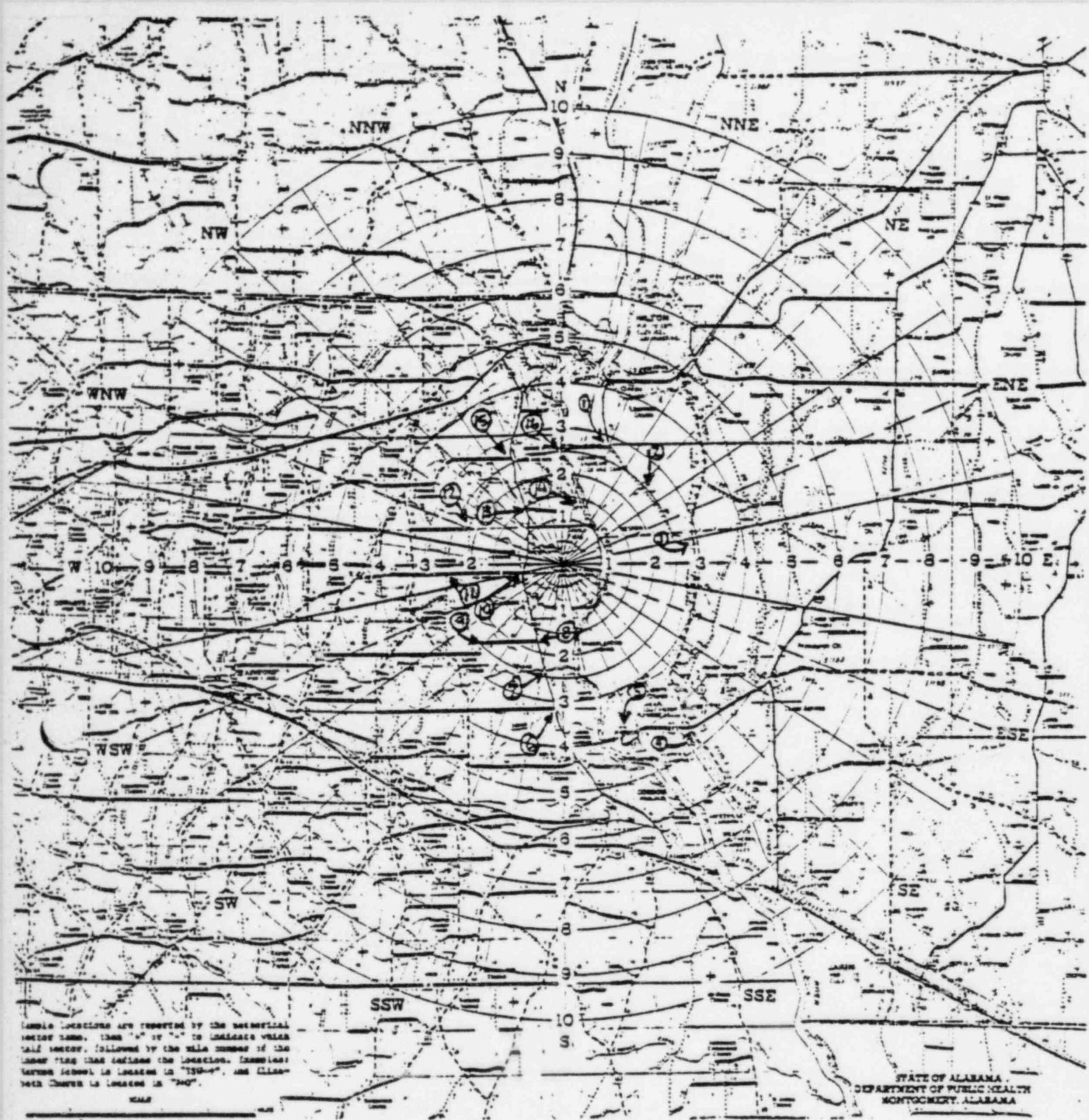
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| A. Detain ambulance personnel and vehicles until surveying is completed. | _____ |
| B. Close the ventilation system in the Radiation Casualty/Decontamination area, if high levels of contamination create the potential for airborne activity. | _____ |
| C. Insure that drain systems are aligned to a holding tank and isolated from the Dothan Sewer System. | _____ |
| D. Maintain a log of personnel who enter the affected area. | _____ |
| E. Ensure that Personnel Monitoring Dosimeters (PMD's) are distributed as necessary. (Insure dosimeters are zeroed or record issue readings.) | _____ |
| F. Insure excreta and/or excised tissue are placed in appropriately labeled and sealed containers. | _____ |
| G. Provide the doctor with monitoring and decontamination data. Monitor patient when directed by doctor. | _____ |
| H. Survey all personnel, equipment and affected areas prior to release. | _____ |
| I. Direct all decontamination efforts. | _____ |
| J. Collect all PMD's, log readings from dosimeters and insure the names are on TLD's. | _____ |
| K. Sample holding tank for analysis at plant. | _____ |
| L. Maintain communication with Emergency Director or Health Physics Manager. | _____ |



PREDESIGNATED MONITORING POINTS

Point	Location	Description	Point	Location	Description	Point	Location	Description
A	N+ ¹	Met tower	J	ESE- ¹	Intake Structure	T	WSW- ¹	End of road
B	NNE-0	Road Intersection	K	SE- ¹	Discharge Structure	U	WSW- ¹	Gate at AL95
C	NE-1	TLD station	L	SE+0	Stream crossing	V	WSW+ ¹	Gate at AL95
D	NE+ ¹	Road Intersection	M	SSE+ ¹	Road Intersection	W	WSW-0	Bend of road
E	ENE- ¹	End of road	N	S+ ¹	Pond dam	X	WNW- ¹	Gate at AL95
F	ENE+0	Road Intersection	P	S+1	End of field road	Y	NNW+1	North site at AL95
G	E+ ¹	Road Intersection	R	SSW+ ¹	Serv. water struct.	Z	NW+0	Bend of road
H	E+ ¹	Barge slip	S	SW-1	Road Intersection	AA	NNW- ¹	Complex Three

Figure 1



Sample locations are reported by the notational sector name, then "N" or "S" to indicate which half sector, followed by the mile number of the inner ring that defines the location. Examples: Warren School is located in "13W-4", and Elizabeth Church is located in "4W".

PREDESIGNATED MONITORING POINTS

Point No.	Location	Description	Point No.	Location	Description
1	10W-14	Road Intersection	7	10W-14	End of road
2	10E-1	Bridge	10	10W-1	2000 gate at AL95
3	8-14	Road Intersection at SA370	11	10-14	Road Intersection
4	10E-4	Intersection of SA370 & SA370	12	10W-1	Road Intersection at AL95
5	10E-4	East Southern	13	10E-1	End of road
6	1-3	Smith Branch at AL95	14	10W-14	Road Intersection at AL95
7	1-1	Cedar Creek at AL95	15	10-14	Andrews Dam
8	10W-14	Road Intersection at AL95			

Figure 2

Patient Package Insert For

THYRO-BLOCK™

(POTASSIUM IODIDE)
 (pronounced pee-TASS-ee-um EYE-oh-dyed)
 (abbreviated: KI)
 TABLETS and SOLUTION U.S.P.

TAKE POTASSIUM IODIDE ONLY WHEN PUBLIC HEALTH OFFICIALS TELL YOU. IN A RADIATION EMERGENCY, RADIOACTIVE IODINE COULD BE RELEASED INTO THE AIR. POTASSIUM IODIDE (A FORM OF IODINE) CAN HELP PROTECT YOU.

IF YOU ARE TOLD TO TAKE THIS MEDICINE, TAKE IT ONE TIME EVERY 24 HOURS. DO NOT TAKE IT MORE OFTEN. MORE WILL NOT HELP YOU AND MAY INCREASE THE RISK OF SIDE EFFECTS. DO NOT TAKE THIS DRUG IF YOU KNOW YOU ARE ALLERGIC TO IODIDE. (SEE SIDE EFFECTS BELOW.)

INDICATIONS

THYROID BLOCKING IN A RADIATION EMERGENCY ONLY.

DIRECTIONS FOR USE

only as directed by State or local public health authorities in the event of a radiation emergency.

Tablets:**DOSE**

ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: One (1) tablet once a day. Crush for small children.
BABIES UNDER 1 YEAR OF AGE: One-half (1/2) tablet once a day. Crush first.

Solution:

ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: Add 6 drops to one-half glass of liquid and drink each day.
BABIES UNDER 1 YEAR OF AGE: Add 3 drops to a small amount of liquid once a day.

For all dosage forms: Take for 10 days unless directed otherwise by State or local public health authorities.

Store at controlled room temperature between 15° and 30°C (59° to 86°F). Keep container tightly closed and protect from light. Do not use the solution if it appears brownish in the nozzle of the bottle.

WARNING

Potassium iodide should not be used by people allergic to iodide. Keep out of the reach of children. In case of overdose or allergic reaction, contact a physician or the public health authority.

DESCRIPTION

Each **THYRO-BLOCK™ TABLET** contains 130 mg of potassium iodide.

A drop of **THYRO-BLOCK™ SOLUTION** contains 21 mg of potassium iodide.

HOW POTASSIUM IODIDE WORKS

Certain forms of iodine help your thyroid gland work right. Most people get the iodine they need from foods, like iodized salt or fish. The thyroid can "store" or hold only a certain amount of iodine.

In a radiation emergency, radioactive iodine may be released in the air. This material may be breathed or swallowed. It may enter the thyroid gland and damage it. The damage would probably not show itself for years. Children are most likely to have thyroid damage.

If you take potassium iodide, it will fill-up your thyroid gland. This reduces the chance that harmful radioactive iodine will enter the thyroid gland.

WHO SHOULD NOT TAKE POTASSIUM IODIDE

The only people who should not take potassium iodide are people who know they are allergic to iodide. You may take potassium iodide even if you are taking medicines for a thyroid problem (for example, a thyroid hormone or antithyroid drug). Pregnant and nursing women and babies and children may also take this drug.

HOW AND WHEN TO TAKE POTASSIUM IODIDE

Potassium Iodide should be taken as soon as possible after public health officials tell you. You should take one dose every 24 hours. More will not help you because the thyroid can "hold" only limited amounts of iodine. Larger doses will increase the risk of side effects. You will probably be told not to take the drug for more than 10 days.

SIDE EFFECTS

Usually, side effects of potassium iodide happen when people take higher doses for a long time. You should be careful not to take more than the recommended dose or take it for longer than you are told. Side effects are unlikely because of the low dose and the short time you will be taking the drug.

Possible side effects include skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold, and sometimes stomach upset and diarrhea).

A few people have an allergic reaction with more serious symptoms. These could be fever and joint pains, or swelling of parts of the face and body and at times severe shortness of breath requiring immediate medical attention.

Taking iodide may rarely cause overactivity of the thyroid gland, underactivity of the thyroid gland, or enlargement of the thyroid gland (goiter).

WHAT TO DO IF SIDE EFFECTS OCCUR

If the side effects are severe or if you have an allergic reaction, stop taking potassium iodide. Then, if possible, call a doctor or public health authority for instructions.

HOW SUPPLIED

THYRO-BLOCK™ TABLETS (Potassium Iodide, U.S.P.) bottles of 14 tablets (NDC 0037-0472-20). Each white, round, scored tablet contains 130 mg potassium iodide.

THYRO-BLOCK™ SOLUTION (Potassium Iodide Solution, U.S.P.) 30 ml (1 fl. oz.) light-resistant, measured-drop dispensing units (NDC 0037-4287-25). Each drop contains 21 mg potassium iodide.

WALLACE LABORATORIES
 Division of
 CARTER-WALLACE, INC.
 Grandbury, New Jersey 07512

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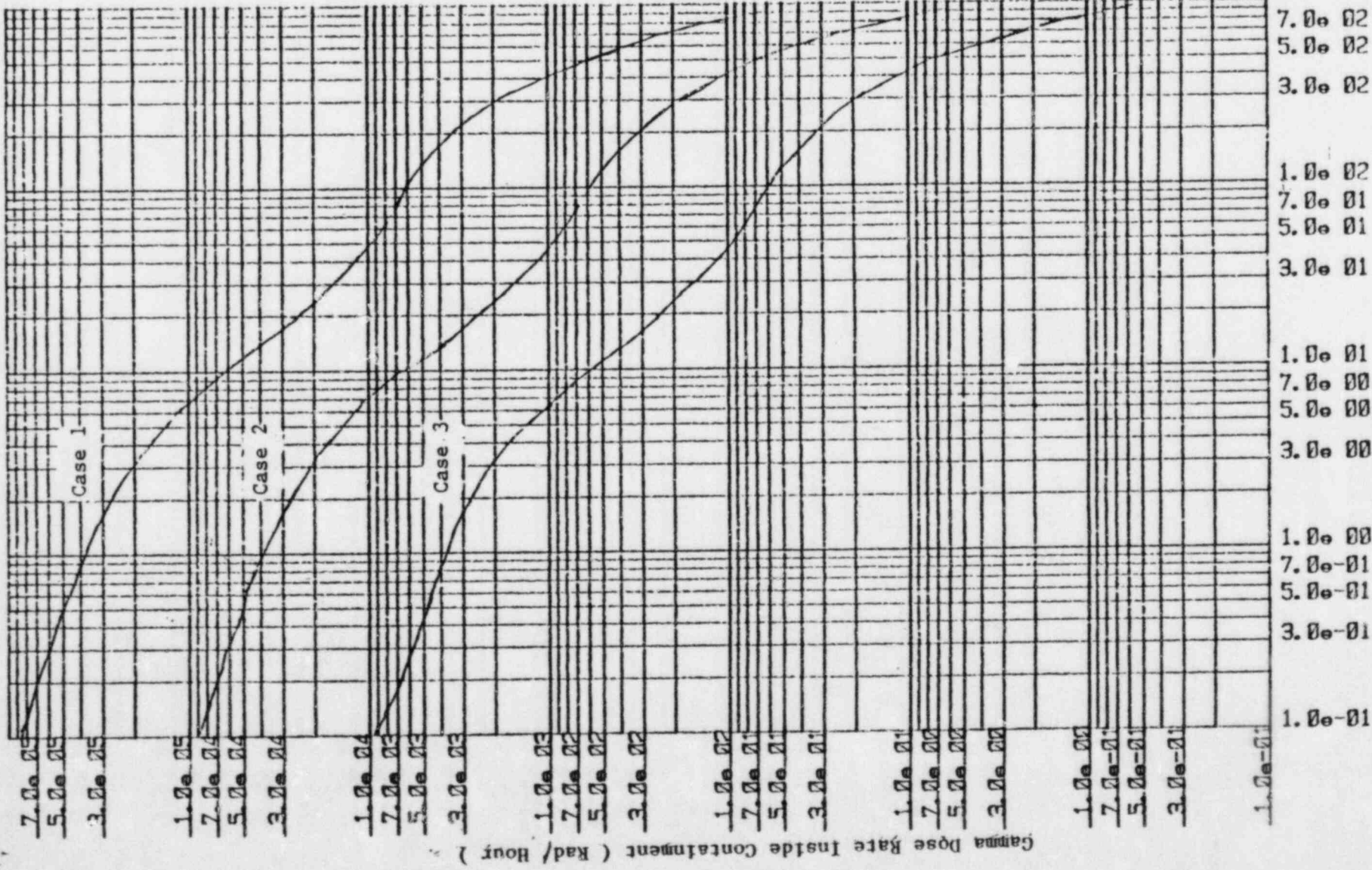
APPENDIX 1

The graph on Sheet 2 of this Appendix shows the gamma dose rates inside containment as a function of time after the following:

- Case 1: 100% Core Melt (100% of noble gas and 25% of iodine core inventory is released into the containment and is available for leakage to the environment.)
- Case 2: 10% Core Melt (approximates total cladding failure with 10% of noble gas and 2.5% of iodine core inventory released.)
- Case 3: 1.0% Core Melt or 10% Cladding Failure (1.0% of noble gases and 0.25% of iodine core inventory released.)

Note that these plots are for volumes above the operating deck EL. 155'-0". All assumptions made to plot the graph are the same as those given in the FSAR for LOCA analysis.

(One of these assumptions is one train of containment spray and one train of containment coolers is operating. Two trains of containment spray were considered in a separate analysis. Assuming both trains are operating would effectively double the removal rate of the elemental and particulate forms of iodine. However, due to the limit of spray removal credit allowed by the NRC (DF=100), the sprays would be "cut-off" in half the time. This effect would be seen in the first 30 minutes after shutdown, but is negligible in the graph due to the presence of noble gases. Thus, justification of using the FSAR LOCA analysis as guidelines for this analysis.)



FNP-0-EIP-6
January 24, 1984
Revision 5

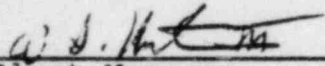
FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-6

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TECHNICAL SUPPORT TO THE EMERGENCY PLAN

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Approved:



Plant Manager

Date Approved: 1-26-84

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TECHNICAL SUPPORT TO THE EMERGENCY PLAN

1.0 Purpose

This procedure delineates the responsibilities for providing technical support to the Emergency Plan.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP-0-EIP-4, Chemistry & Environmental and Health Physics Support to the Emergency Plan
- 2.3 FNP-0-EIP-8, Notification Roster
- 2.4 FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies
- 2.5 FNP-0-EIP-10, Evacuation and Personnel Accountability
- 2.6 FNP-0-EIP-26, Off-site Communications
- 2.7 FNP-0-EIP-27, Activation of the Emergency Operations Facility

3.0 General

Technical, Computer Services, Systems Performance, Quality Control, SAER, Training, Plant Modifications and Maintenance Support and Planning Group personnel report to the Technical Manager and provide technical support in the TSC, EOF and Houston County EOC as delineated below.

4.0 Procedure

- 4.1 Upon activation of the TSC the Technical Manager shall coordinate the following activities:
 - 4.1.1 Assign appropriate personnel to set up the TSC for emergency use.
 - 4.1.2 Assign a person to handle off-site communications and to log off-site communications. This function will normally be performed by the On-call Licensing Engineer.
 - 4.1.3 Assign an engineer or Counting Room technician to support off-site dose assessment per FNP-0-EIP-9. This

function will normally be performed by the On-call Reactor Engineer.

- 4.1.4 Provide engineering support for assessing, mitigating and/or recovering from the emergency. This function will normally be performed by the On-call Systems Engineer.
 - 4.1.5 Dispatch the On-call liaison person to the Houston County Emergency Operations Center (EOC) when directed by the Recovery Manager.
 - 4.1.6 Direct the On-call Environmental Supervisor to support off-site dose assessment.
 - 4.1.7 Direct the On-Call Computer Services person to activate the EOF per FNP-0-EIP-27. The Technical Manager will also coordinate any requests from the EOF staff for technical support personnel from the groups listed in section 3.0.
- 4.2 The On-call Licensing Engineer shall:
- 4.2.1 Report to the TSC or location directed by the Emergency Director or the Technical Manager.
 - 4.2.2 Establish communications with off-site authorities as directed by the Emergency Director per FNP-0-EIP-26.
 - 4.2.3 Maintain a chronological log of all off-site communications noting the organization contacted and a summary of the conversation.
- 4.3 The On-call Reactor Engineer shall:
- 4.3.1 Report to the TSC or location directed by the Emergency Director or the Technical Manager.

- 4.3.2 Upon direction from the Emergency Director, establish the plant parameter remote monitoring capability in the Technical Support Center per Appendix 1 or in the Alternate Technical Support Center per Appendix 2.
 - 4.3.3 If automatic dose assessment is not available, complete manual dose assessment per FNP-0-EIP-9.
 - 4.3.4 Transmit dose assessment reports to state/local agencies per FNP-0-EIP-8 and FNP-0-EIP-26.
- 4.4 The On-call Systems Engineer shall:
- 4.4.1 Report to the TSC or location directed by the Emergency Director or Technical Manager.
 - 4.4.2 Provide engineering support to the Maintenance Manager as directed by the Emergency Director or Technical Manager.
- 4.5 The On-Call Houston County EOC Liaison person shall:
- 4.5.1 Report to the Dose Assessment Room at the Houston County Courthouse at the direction of the Recovery Manager.
 - 4.5.2 Provide state and county government personnel with explanations of plant terminology, hardware and operation.
 - 4.5.3 Notify the Technical Manager (TSC) or Dose Assessment Director (EOF) if communication problems become evident or if significant off-site actions (e.g. evacuation) are pending or in progress.
 - 4.5.4 Refrain from providing information or comments to news media personnel.

APPENDIX 1

PLANT PARAMETER REMOTE MONITORING CAPABILITY
IN THE TECHNICAL SUPPORT CENTER

- 1.0 Activation of Remote Monitoring Capability
 - 1.1 The Emergency Director shall direct one of the personnel in the TSC to set up an available plant computer CRT for monitoring purposes by TSC personnel.
 - 1.2 Perform the following steps to reposition the computer console CRT (computer device #14) for monitoring by TSC personnel:
 - 1.2.1 Disconnect the power cable and the red, green, and blue signal coax cables from the rear of the CRT (inside console housing).
 - 1.2.2 Connect the red, green, and blue signal coax cables to the load box located on the right-hand side of the console housing.
 - 1.2.3 Roll the CRT out of the rear of the console housing and position at the designated location in the TSC monitoring area as directed by the Emergency Director.
 - 1.2.4 Disconnect the coax cables from the red, green, and blue signal connectors on the left side of the cable box for the affected unit in the TSC.
 - 1.2.5 Open the cable box for the affected unit and remove the coax extension cables and the power feed cable.
 - 1.2.6 Connect the coax extension cables to the red, green and blue signal connectors on the left side of the cable box for the affected unit, and to the CRT. Cables and Jacks are labelled as to color signal.
 - 1.2.7 Connect the power feed cable to the CRT and plug into a wall power outlet.
 - 1.2.8 Depress the "CRT" function pushbutton.

- 1.2.9 Depress the "1" and then "6" numeric pushbuttons.
 - 1.2.10 Depress the "VALUE 1" pushbutton.
 - 1.2.11 Depress the "2" numeric pushbutton.
 - 1.2.12 Depress the "VALUE 2" pushbutton.
 - 1.2.13 Depress the "START" pushbutton.
 - 1.2.14 Verify all parameters listed in Table 1 appear on the CRT.
- 1.3 Perform the following steps to start trending Trend Blocks 6, 7, 8, 9, and 10 on the lineprinter:
- 1.3.1 Depress the "BLOCK TREND LOG" function pushbutton.
 - 1.3.2 Depress the numeric pushbutton(s) for the desired Trend Block. (i.e. "6" for Trend Block 6).
 - 1.3.3 Depress the "VALUE 1" pushbutton.
 - 1.3.4 Depress the "4" numeric pushbutton.
 - 1.3.5 Depress the "VALUE 2" pushbutton.
 - 1.3.6 Depress the numeric pushbutton for the desired time interval (in seconds) between trendings (i.e. 120 for 2 minute trends).
 - 1.3.7 Depress the "VALUE 3" pushbutton.
 - 1.3.8 Depress the "START" pushbutton.
 - 1.3.9 Repeat steps 1.3.1 - 1.3.8 for Trend Blocks 7, 8, 9, and 10, and verify trending on the lineprinter.
 - 1.3.10 Verify all parameters listed in Table 2 appear in the trend blocks.
- 1.4 Perform the following steps to place points on the Trend Recorders:

NOTE: Steps 1.4.1 through 1.4.8 are performed to establish the pen scale. Steps 1.4.9 through 1.4.18 establish parameter trend- for the specified pen.

- 1.4.1 Depress the "ANALOG TREND SCALE SET" function pushbutton.
- 1.4.2 Depress the numeric pushbutton for the desired pen (i.e. "5" for pen 5, or "6" for pen 6).
- 1.4.3 Depress the "VALUE 1" pushbutton.
- 1.4.4 Depress the numeric pushbuttons for the low limit of the pen scale. (Enter desired numerical lower limit).
- 1.4.5 Depress the "VALUE 2" pushbutton.
- 1.4.6 Depress the numeric pushbuttons for the high limit of the pen scale. (Enter desired numerical lower limit).
- 1.4.7 Depress the "VALUE 3" pushbutton.
- 1.4.8 Depress the "START/ADD" pushbutton.
- 1.4.9 Depress the "ANALOG TREND ADD/OMIT" function pushbutton.
- 1.4.10 Depress the alpha-numeric pushbuttons for the desired address point (i.e. "P0499A" for RCL SYSTEM PRESS. Address Point descriptions are in AP symbol description book located on the operator console.)
- 1.4.11 Depress the "ADDRESS" pushbutton.
- 1.4.12 Depress the numeric pushbutton for the desired pen (i.e. "5" for pen 5, or "6" for pen 6).
- 1.4.13 Depress the "VALUE 1" pushbutton.
- 1.4.14 Depress the numeric pushbutton(s) for the desired time (in seconds) between updates (i.e. "5" for 5 second updates).
- 1.4.16 Depress the "2" numeric pushbutton.
- 1.4.17 Depress the "VALUE 3" pushbutton.

1.4.18 Depress the "START/ADD" pushbutton.

2.0 Deactivation of Remote Monitoring Capability

2.1 Perform the following steps to reposition the remote CRT back in the computer console:

2.1.1 Disconnect the power feed from the CRT and the wall socket.

2.1.2 Disconnect the coax extension cables from the CRT and the connectors on the left side of the cable box for the affected unit.

2.1.3 Place the coax extension cables and the power feed cable in the cable box for the affected unit, and close the cable box.

2.1.4 Reconnect the coax cables that were disconnected in step 1.2.4 to the red, green, and blue signal connectors on the left side of the cable box.

2.1.5 Roll the CRT into the rear of the console.

2.1.6 Disconnect the red, green, and blue signal coax cables from the load box located on the right-hand side of the console housing, and connect them to the CRT.

2.1.7 Reconnect the power feed cable to the CRT.

2.2 Perform the following steps to stop trending Trend Block 6, 7, 8, 9, and 10 on the lineprinter:

2.2.1 Depress the "BLOCK TREND LOG" function pushbutton.

2.2.2 Depress the numeric pushbutton(s) for the desired Trend Block. (i.e. "6" for Trend Block 6)

2.2.3 Depress the "VALUE 1" pushbutton.

2.2.4 Depress the "4" numeric pushbutton.

2.2.5 Depress the "VALUE 2" pushbutton.

2.2.6 Depress the "STOP" pushbutton.

- 2.2.7 Repeat steps 2.2.1 - 2.2.6 for Trend Blocks 7, 8, 9, and 10, and verify trending has stopped on the line-printer.
- 2.3 Perform the following steps to remove points from the Trend Recorders:
 - 2.3.1 Depress the ANALOG TREND ADD/OMIT" function pushbutton.
 - 2.3.2 Depress the "ADDRESS" pushbutton
 - 2.3.3 Depress the numeric pushbutton for the desired pen (i.e. "5" for pen 5, or "6" for pen 6).
 - 2.3.4 Depress the "VALUE 1" pushbutton.
 - 2.3.5 Depress the "STOP/OMIT" pushbutton.

APPENDIX 2

PLANT PARAMETER REMOTE MONITORING CAPABILITY
IN THE ALTERNATE TECHNICAL SUPPORT CENTER

1.0 Activation of Remote Monitoring Capability

- 1.1 The Emergency Director shall direct one of the personnel in the Alternate TSC to set up an available plant computer CRT for monitoring purposes by TSC personnel.
- 1.2 Perform the following steps to reposition the computer console CRT (computer device #14) for monitoring by TSC personnel:
 - 1.2.1 Disconnect the power cable and the red, green, and blue signal coax cables from the rear of the CRT (inside console housing).
 - 1.2.2 Roll the CRT out of the rear of the console housing and position at desired location as directed by the Emergency Director.
 - 1.2.3 Connect the "control room" end of the coax signal extensions cables and power feed cable to the existing color signal cables and power feed cable in the computer console (extension cables are located in control room overhead).
 - 1.2.4 Connect the "TSC" end of the coax extension cables and power feed cable to the remotely located CRT.
 - 1.2.5 Depress the "CRT" function pushbutton.
 - 1.2.6 Depress the "1" and then "6" numeric pushbuttons.
 - 1.2.7 Depress the "VALUE 1" pushbutton.
 - 1.2.8 Depress the "2" numeric pushbutton.
 - 1.2.9 Depress the "VALUE 2" pushbutton.
 - 1.2.10 Depress the "START" pushbutton.
 - 1.2.11 Verify all parameters listed in Table 1 appear on the CRT.

- 1.3 Perform the following steps to start trending Trend Blocks 6, 7, 8, 9, and 10 on the lineprinter:
 - 1.3.1 Depress the "BLOCK TREND LOG" function pushbutton.
 - 1.3.2 Depress the numeric pushbutton(s) for the desired Trend Block. (i.e. "6" for Trend Block 6).
 - 1.3.3 Depress the "VALUE 1" pushbutton.
 - 1.3.4 Depress the "4" numeric pushbutton.
 - 1.3.5 Depress the "VALUE 2" pushbutton.
 - 1.3.6 Depress the numeric pushbutton for the desired time interval (in seconds) between trendings (i.e. 120 for 2 minute trends).
 - 1.3.7 Depress the "VALUE 3" pushbutton.
 - 1.3.8 Depress the "START" pushbutton.
 - 1.3.9 Repeat steps 1.3.1 - 1.3.8 for Trend Blocks 7, 8, 9, and 10, and verify trending on the lineprinter.
 - 1.3.10 Verify all parameters listed in Table 2 appear in the trend blocks.

2.0 Deactivation of Remote Monitoring Capability

- 2.1 Perform the following steps to reposition the remote CRT back in the computer console:
 - 2.1.1 Disconnect the power cable and coax extension cables from the rear of the CRT and from the computer console.
 - 2.1.2 Roll the CRT into the rear of the console and reconnect the coax and power cables.
 - 2.1.3 Place the coax and power extension cables in the control room overhead.
- 2.2 Perform the following steps to stop trending Trend Blocks 6, 7, 8, 9, and 10 on the lineprinter:
 - 2.2.1 Depress the "BLOCK TREND LOG" function pushbutton.

- 2.2.2 Depress the numeric pushbutton(s) for the desired Trend Block. (i.e. "6" for Trend Block 6).
- 2.2.3 Depress the "VALUE 1" pushbutton.
- 2.2.4 Depress the "4" numeric pushbutton.
- 2.2.5 Depress the "VALUE 2" pushbutton.
- 2.2.6 Depress the "STOP" pushbutton.
- 2.2.7 Repeat steps 2.2.1 - 2.2.6 for Trend Blocks 7, 8, 9, and 10, and verify trending has stopped on the lineprinter.

TABLE 1

STEAM GENERATOR TUBE RUPTURE
CRT MONITORING PARAMETERS

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
L0480A	PRESSURIZER LEVEL (1)
L0481A	PRESSURIZER LEVEL (2)
P0480A	PRESSURIZER PRESS (1)
P0481A	PRESSURIZER PRESS (2)
P0499A	RCL SYSTEM PRESS
U0090	HOTTEST THERMOCOUPLE
T0419A	RCL 1 WIDE RNG HOT LEG T
T0406A	RCL 1 WIDE RNG COLD LEG T
L0403A	STM GEN 1 WIDE RNG LEVEL
P0400A	STM GEN 1 STM OUT PRESS
T0439A	RCL 2 WIDE RNG HOT LEG T
T0426A	RCL 2 WIDE RNG COLD LEG T
L0423A	STM GEN 2 WIDE RNG LEVEL
P0420A	STM GEN 2 STM OUT PRESS
T0459A	RCL 3 WIDE RNG HOT LEG T
T0446A	RCL 2 WIDE RNG COLD LEG T
L0443A	STM GEN 3 WIDE RNG LEVEL
P0440A	STM GEN 3 STM OUT PRESS
P1000A	CONTAINMENT (1) PRESS
P1001A	CONTAINMENT (2) PRESS
R0011A	CONTAINMENT AIR PARTICLE R
R0012A	CONTAINMENT GAS R

TABLE 1 (con't)

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
R0019A	STM GEN BLOWDOWN DRAIN R
R0021A	VENT AIR PARTICLE R
R0015A	STEAM AIR EJECTOR EXHAUST R
R0050A	GROSS FAILED FUEL DETECTOR

TABLE 2
LINEPRINTER TRENDING PARAMETERS

TREND BLOCK 6

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
T0001A	IN CORE T A08
T0002A	IN CORE T B05
T0003A	IN CORE T B10
T0004A	IN CORE T E04
T0005A	UP HEAD T/C 101 COL E9 ELEV 46.
T0006A	UP HEAD T/C 102 COL E9 ELEV 15.
T0007A	UP HEAD T/C 103.
T0008A	IN CORE T F03
T0009A	IN CORE T F05
T0010A	UP HEAD T/C 104 COL E9 ELEV 30.
T0011A	IN CORE T F11
T0012A	IN CORE T G01
T0013A	UP HEAD T/C 105
T0014A	IN CORE T H08
T0015A	IN CORE T H15
T0016A	IN CORE T J02

TREND BLOCK 7

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
T0017A	IN CORE T J10
T0018A	IN CORE T J12
T0019A	IN CORE T K03
T0020A	UP HEAD T/C 106 COL L7 ELEV 30.
T0021A	UP HEAD T/C 107
T0022A	UP HEAD T/C 108 COL E9 ELEV 61.
T0023A	UP HEAD T/C 109 COL L7 ELEV 14.
T0024A	IN CORE T N06
T0025A	IN CORE T P08
T0026A	IN CORE T R07
T0027A	IN CORE T C08
T0028A	IN CORE T C12
T0029A	IN CORE T D03
T0030A	IN CORE T D05
T0031A	IN CORE T E08
T0032A	IN CORE T E10

TABLE 2 (con't)

TREND BLOCK 3

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
T0033A	IN CORE T F13
T0034A	UP HEAD T/C 110 COL L7 ELEV 46.
T0035A	IN CORE T G08
T0036A	IN CORE T G15
T0037A	IN CORE T H03
T0038A	IN CORE T H05
T0039A	IN CORE T H09
T0040A	IN CORE T H11
T0041A	IN CORE T H13
T0042A	IN CORE T L06
T0043A	IN CORE T L08
T0044A	IN CORE T L12
T0045A	IN CORE T L14
T0046A	IN CORE T M03
T0047A	IN CORE T M11
T0048A	UP HEAD T/C 111 COL L7 ELEV 61.

TREND BLOCK 9

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
T0049A	IN CORE T N08
T0050A	IN CORE T N10
T0051A	UP HEAD T/C 112
U0090	INST VALUE OF HOTTEST INCORE T/C
U0091	INST VALUE OF AVERAGE INCORE T/C
U0092	IDENT OF HOTTEST INCORE T/C
L0480A	PRESSURIZER 1 L
L0481A	PRESSURIZER 2 L
P0480A	PRESSURIZER 1 P
P0481A	PRESSURIZER 2 P
P0499A	RCL SYSTEM P
T0419A	RCL1 WIDE RNG HOT LEG T
T0406A	RCL1 WIDE RNG COLD LEG T
L0403A	STM GEN 1 WIDE RNG L
P0400A	STM GEN 1 STM OUT 1 P

TABLE 2 (con't)

TREND BLOCK 10

<u>COMPUTER ADDRESS</u>	<u>PARAMETER</u>
T0439A	RCL2 WIDE RNG HOT LEG T
T0426A	RCL2 WIDE RNG COLD LEG T
L0423A	STM GEN 2 WIDE RNG L
P0420A	STM GEN 2 STM OUT 1 P
T0459A	RCL3 WIDE RNG HOT LEG T
T0446A	RCL3 WIDE RNG COLD LEG T
L0443A	STM GEN 3 WIDE RNG L
P0440A	STM GEN 3 STM OUT 1 P
P1000A	CONTAINMENT 1 P
P1001A	CONTAINMENT 2 P
R0011A	CONTAIN AIR PARTICLE R
R0012A	CONTAIN GAS R
R0019A	STM GEN BLOWDOWN DRAIN R
R0021A	VENT AIR PARTICLE R
R0015A	STEAM AIR EJECTOR EXHAUST R
R0050A	GROSS FAILED FUEL DETECTOR

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-8

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NOTIFICATION ROSTER

Approved:

W. J. [Signature]

Plant Manager

Date Issued: 1-26-84

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NOTIFICATION ROSTER

1.0 Purpose

This procedure provides a listing of names and telephone numbers of personnel and organizations who may need to be notified in the event of an emergency condition.

2.0 References

Joseph M. Farley Nuclear Plant Emergency Plan

3.0 General

3.1 Copies of this procedure shall be maintained at all times with the Emergency Director on call.

3.2 The Chemistry & Environmental Supervisor shall be responsible for updating names and telephone numbers for offsite agencies upon notification of changes. Communications checks and verification of phone numbers for offsite agencies will be conducted quarterly by direct contact.

3.3 The Staff Assistant will provide each new employee with a notice explaining that it is the responsibility of each employee to report any address or telephone changes to the Administrative Office.

3.4 A quarterly update of the Service Building Telephone Directory which contains the names, job classifications, addresses, and phone numbers of all permanent plant personnel will be issued to holders of EIP-8 by the Document Control Supervisor.

3.5 Channel 5 on the public address system is to be used during emergencies.

3.6 Authentication

3.6.1 Authentication of emergency messages shall not be required on dedicated communications systems.

3.6.2 Authentication of notifications over land lines shall be accomplished by the offsite party calling the TSC for the individual who made the notification.

4.0 Procedure

- 4.1 Refer to Table 1, Emergency Director Call List, for the Emergency Director on call.
- 4.2 Refer to Table 2, Fire, Medical, and Law Enforcement Assistance and Weather Information, for offsite fire department support, medical transportation, hospitals, plant doctors, law enforcement agencies, and weather information.
- 4.3 Refer to Table 3, APCo Management Notification, for the Emergency Coordinator and APCo Safety Department, and the Emergency Operations Facility.
- 4.4 Refer to Table 4, State Notification, for States of Alabama, Georgia and Florida Notifications.
- 4.5 Refer to Table 5, Regulatory Notification or Assistance, for the Nuclear Regulatory Commission and Savannah River Operations' Office.
- 4.6 Refer to Table 6, Support Groups, for other miscellaneous notifications. Information to be requested by Westinghouse is shown in Appendix 2.
- 4.7 Refer to Table 7A, Health Physics Support, for qualified health physics personnel. Refer to Table 7B, Chemistry/Radiochemistry & Environmental Support for qualified chemistry, radiochemistry and environmental support.
- 4.8 Refer to Table 8, Technical Support Center (TSC) Call List, for members of the TSC staff.
- 4.9 Refer to Table 9, Oil Spill Notifications, for organizations who are to be notified as required by the FNP "Oil Spill Prevention and Countermeasure Plan, Hazardous Waste Contingency Plan."
- 4.10 Refer to Table 10, Technical Support
- 4.11 Refer to Table 11, Telecopier Numbers
- 4.12 Refer to Appendix 1 for information regarding the use of the Emergency Notification Network.
- 4.13 Refer to Appendix 2 for Westinghouse Event Data Checklist to be used in providing emergency information to Westinghouse.

4.13 The information contained in the Tables and Appendices is listed below alphabetically for quick reference:

4.13.1	Alabama (state and local).....	Table 4
4.13.2	Ambulance service.....	Table 2
4.13.3	APCO Construction.....	Table 6
4.13.4	Chemistry Support.....	Table 7B
4.13.5	Doctors.....	Table 2
4.13.6	Early County, GA.....	Table 4
4.13.7	Emergency Coordinator.....	Table 3
4.13.8	Emergency Director.....	Table 1
4.13.9	ENN.....	App. 1
4.13.10	Environmental Support.....	Table 7B
4.13.11	EOF.....	Table 3
4.13.12	EOF-Alternate (Headland).....	Table 3
4.13.13	EPA.....	Table 9
4.13.14	Fire Department Support.....	Table 2
4.13.15	Flintridge EOC.....	Table 3
4.13.16	Florida.....	Table 4
4.13.17	Georgia (state and local).....	Table 4
4.13.18	Health Physics Support.....	Table 7A
4.13.19	Hazardous Waste Notification's.....	Table 9
4.13.20	Hospitals.....	Table 2
4.13.21	Houston County, AL.....	Table 4
4.13.22	Hydrologic Information.....	Table 6
4.13.23	INPO.....	Table 6
4.13.24	Law Enforcement Agencies.....	Table 2

4.13.25 Medical Transportation.....	Table 2
4.13.26 NRC.....	Table 5
4.13.27 Nuclear Mutual Limited.....	Table 6
4.13.28 Oak Ridge Operations Office.....	Table 6
4.13.29 Oil Spill Notifications.....	Table 9
4.13.30 OSCs (Operations Support Centers).....	Table 3
4.13.31 Radiochemistry Support.....	Table 7B
4.13.32 Safety Department.....	Table 3
4.13.33 Savannah River Operations Office.....	Table 5
4.13.34 Seismic Information.....	Table 6
4.13.35 Southern Company Services.....	Table 6
4.13.36 Technical Support.....	Table 10
4.13.37 Telecopier Number.....	Table 11
4.13.38 TSC.....	Table 3
4.13.39 TSC-Alternate.....	Table 3
4.13.40 TSC On-call Staff.....	Table 8
4.13.41 University of Georgia.....	Table 6
4.13.42 Weather Information.....	Table 2
4.13.43 Westinghouse.....	Table 6
4.13.44 Westinghouse Event Data Checklist.....	App. 2

TABLE 1
EMERGENCY DIRECTOR CALL LIST

The individuals listed below will serve as the "on-call" Emergency Director for a seven day period (Monday through Sunday) on a rotating basis.

"On-call" is defined as:

- a. At Farley Nuclear Plant, or
- b. At the individual's home where he can be reached at his home phone number, or
- c. At a specific location in the Dothan area other than the individual's home AND the control room has the phone number where the individual can be contacted, or
- d. In the Dothan area (not greater than 30 miles from downtown Dothan) AND the individual's pager is ON.
 - 1. The pager will be activated by dialing (pager number) on the Dothan exchange.
 - 2. On any exchange other than the Dothan exchange the pager will be activated by dialing (pager number).
 - 3. After dialing, two rings will be followed by a high frequency tone; the caller then has 15 seconds to deliver a message. NOTE: The pager is a receiver only. It has no transmitting capability.

EMERGENCY DIRECTORS



<u>Name and Position</u>	<u>Home phone</u>	<u>Pager Number</u>
W.G. Hairston, III Plant Manager		
J. D. Woodard Asst. Plant Manager		
D. N. Morey Operations Superintendent		

TABLE 2
FIRE, MEDICAL, LAW ENFORCEMENT, AND WEATHER INFORMATION

<u>Service</u>	<u>Organization</u>	<u>Phone</u>
Aeromed. Evac.	U. S. Army Aviation Center	
Ambulance	Dothan Ambulance, Inc.	
Ambulance	A & A Ambulance Co. - Birmingham	
Fire	Dothan Fire Department Ask for fire dept. Business or Central Dispatch	Adamsel exchange Ask for Ext.
	For Brush & Forest Fires Alabama State Forestry Commission Weekdays 8 am - 5 pm Other hours or if no answer	
Hospitals (Dothan) Primary	Southeast Alabama Medical Center Highway 84 East At Ross Clark Circle Ask for Emergency Room Nurse or Direct line to Emergency Room Nurse or Direct line to Emergency Room Doctor Radiation Casualty Receiving Area Receiving Area (Morgue) or and ask for morgue Public Relations Area (Adjacent to Morgue) or and ask for Physician's Representative's office Doctors Lounge (Near Morgue)	
Alternate	Flowers Hospital (Not for contaminated/irradiated patients) 3228 West Main St. Ask for Emergency Department Ext.	
Hospital	UAB Medical Center Ask for Senior Staff Oncologist on call Radiation Care Treatment Facility-Page UAB Poison Control Center Emergency Department Poison Control Center	Main Operator or

Service

Organization

Hospital

REACTS
Oak Ridge (Normal work hours)
Asso. Universities Dr. Robert Ricks
Director of REACTS, Dr. Hubner Office
Dr. Lushbaugh
-Oak Ridge Hospital (24 hour)
Rad. Accident Personnel (Emergency)
Dr. Shirley Fry

Local Law Enforcement
Agencies

Dothan City Police

(Exchange)
Emergency
Ask for police
Business
Communication Division Ext.

Houston Co. Sheriff's Dept.

Day
Ext.

(Jail)-Week-end/Night
Direct Line
Investigation Ext.

FBI - Dothan Office

Daniel R. Stankoski

Ala. Dept. of Public Safety

Company Physicians - Dr. B. R. Byrd, Dr. D. H. Pope, Dr. J. H. Sugg
Dr. J. A. Robeson, Dr. W. F. Drewry
Dr. E. Mazyck, Dr. J. A. Wages or

*Fairview Clinic PA - 1920 Fairview Drive, Dothan, AL
(Behind Southeast Alabama Medical Center)

Dr. Flowers PA
(Flowers Hospital Only) .
509 West Main St.

Dr. L. Johnson (For Eye Injuries)
(Flowers Hospital Only)
Southern Eye Clinic PA
509 West Main Street, Dothan, AL

*Fairview Clinic staff should be contacted if a contaminated or irradiated patient requires medical care. Dr. Flowers and staff may be utilized normally for patients that are not contaminated or irradiated. Dr. Flowers and staff may be utilized for contaminated or irradiated patients should the Fairview staff be unavailable.

Service

Organization

Weather

Flight Service, U. S. Weather
Service, Dothan (AL) Airport

Weather Bureau, Montgomery

(24 hr)

Weather Bureau, Birmingham
(Forecasting Station)

(Day Only)

(24 hr)

Great Southern Paper Co.

Lab
Guard
Personnel

TABLE 3
APCO MANAGEMENT NOTIFICATION
EMERGENCY COORDINATOR/RECOVERY MANAGER/EXECUTIVE NUCLEAR LIAISON MANAGER

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
R. P. McDonald			
H. O. Thrash			
O. D. Kingsley, Jr.			

EMERGENCY COORDINATOR ROUTINE MESSAGES

Dial the page number provided. A message will be recorded and the individual's pager will alert him to retrieve it.

EMERGENCY COORDINATOR EMERGENCY MESSAGES

Dial the pager number provided and leave a message. Hang up, wait at least 60 seconds, and then dial [REDACTED]. No messages will be recorded but a second tone will be activated on all Emergency Coordinator pagers.

EMERGENCY COORDINATOR CAR RADIO NOTIFICATION

Refer to GO-EIP-112.

ADMINISTRATIVE SUPPORT DIRECTOR

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
J. G. Sims			
D. M. Varner			
D. E. Mansfield			
L. L. Bailey			

ENGINEERING & LICENSING SUPPORT DIRECTOR

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
C. L. Buck			
R. L. George			
B. D. McKinney			
R. S. Fucich			

DOSE ASSESSMENT DIRECTOR

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
J. W. McGowan			
K. W. McCracken			
W. C. Carr			
M. O. Gibson			

ACTIVATION & LOGISTICS ASSISTANT

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
S. N. Knight			
G. M. Grove			
M. L. Stoltz			
C. H. Byars			

SUPPORT STAFF ROUTINE MESSAGES

Dial [redacted] leave a message and hang up. Then dial the pager number for the selected individual to alert him to retrieve the message.

SUPPORT STAFF EMERGENCY MESSAGES

Dial [redacted] and leave a message. All Support Directors and the Activation and Logistics Assistants (excluding alternates) will be simultaneously alerted to retrieve the message.

SUPPORT STAFF PAGEBOY MESSAGES

Call the Birmingham Division Control Center [redacted] or Bell Numbers [redacted] (66). Provide the operator with the pageboy code given for the individual and state the message you wish transmitted. All pageboy codes are for frequency [redacted]

PUBLIC INFORMATION MANAGER

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Pager Number</u>
F. N. Wade			
S. E. Bradley			

MEDICAL SUPPORT

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>	<u>Ans. Serv.</u>
Dr. C. H. Colvin			
Dr. M. Bradley			
Dr. T. V. Magruder			

LEGAL SUPPORT

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>
R. A. Buettner		
H. H. Boles		
A. L. Jordan		

INSURANCE SUPPORT

<u>Name</u>	<u>APCO Ext.</u>	<u>Home Phone</u>
N. M. Horsley		
H. K. Travis		

OPERATIONS SUPPORT CENTERS

Maintenance Shop	Pax
Auditorium	Pax
CSC	Pax
Control Room	Pax
Switchhouse	Pax

FLINTRIDGE EMERGENCY OPERATIONS CENTER

<u>Location</u>	<u>APCO Ext.</u>	<u>Bell Number</u>	<u>Other</u>
NGS Conference Room			ENN
NGS Conference Room			
NGS Conference Room			

TECHNICAL SUPPORT CENTER Location Extension

Communications Cabinet	ENN (State Hotline - White Phone) NRC Ring Down (Red Phone) PAX with speaker B'ham with speaker B'ham
Communications Area	PAX (next to Communications Cabinet) Security radio Plant radio Division radio
Emergency Director	PAX
Operations Manager	PAX
Maintenance Manager	PAX
Technical Manager	PAX
Health Physics Manager	PAX
NRC	PAX PAX
Monitoring Area	PAX

ALTERNATE TECHNICAL SUPPORT CENTER

<u>Location</u>	<u>APCO Ext.</u>
Shift Foremen's Office	[REDACTED]
Shift Aids Office	[REDACTED]
<u>Control Room Area</u>	<u>APCO Ext.</u>
Unit 1 Shift Supervisor	[REDACTED]
Unit 2 Shift Supervisor	[REDACTED]
Unit 1 Operators Desk	[REDACTED]
Unit 2 Operators Desk	[REDACTED]

Other
 NRC ENS (Red Phone)
 ENN; NRC H.P. dial up

EMERGENCY OPERATIONS FACILITY

<u>Location</u>	<u>FNP Ext.</u>
Command Center (Room 106).....	[REDACTED]
Recovery Manager (Room 106).....	[REDACTED]
NRC (Room 106).....	[REDACTED]
PI Site Coordinator (Room 106).....	[REDACTED]
Administrative Support/Public Information(PI) Area (Room 103)	[REDACTED]
-Administrative Support Director.....	[REDACTED]
-Administrative Support Staff.....	[REDACTED]
-PI Site Coordinator.....	[REDACTED]
-PI staff.....	[REDACTED]
-Telecopier.....	[REDACTED]
Dose Assessment(Room 104).....	[REDACTED]
-Dose Assessment Director.....	[REDACTED]
-Dose Assessment Staff.....	[REDACTED]
NRC(Room 105).....	[REDACTED]
Technical Support/Engineering Area (Room 115)	[REDACTED]
-Engineering & Licensing Support Director.	[REDACTED]
-Technical Support Staff.....	[REDACTED]

Other
 TSC Intercom
 NRC ENS (Red Phone)
 NRC HPN
 Plant Radio
 District Radio
 Equipped with OPX extension that may be activated if PAX system fails
 ENN
 Security Radio
 State RMT Radio (monitor only)
 Equipped with OPX extension that may be activated if PAX system fails
 Equipped with OPX extension that may be activated if PAX system fails

ALTERNATE EMERGENCY OPERATIONS FACILITY (Headland,AL) Bell # 693-3356

Location

APCO Ext.

Other

Recovery Manager

Command Center



ENN
Security Radio
District Radio
Division Radio
State RMT Radio
(Monitor only)

Engineering & Licensing

TABLE 4
STATE NOTIFICATION

Organization
STATE OF ALABAMA
Dept. of Public Health

Name
During normal office hours
(week days 8:00 AM - 5:00PM)

Phone

At all other times notify one of the following:

- Aubrey V. Godwin
- K. E. Whatley
- Archie Patterson
- James L. McNees
- William T. Willis
- B. O. Hannah

If above unavailable, call
Ask operator to page No.

County
Houston County, AL
Civil Defense

Director
J. W. Aldridge

Phone

Ext.

State Operations Room
Operations (Local)
(State)
(State)
or Karen Gilley
or Brenda Dunning

Blakely-Early County, GA

Civil Defense
Ray Jarrett
Hot Line

Pager

Early Co. Ambulance Service
Early Memorial Hospital

Sheriff's Dispatcher
Court House

*Denotes home phone

Organization

Phone

STATE OF FLORIDA

West Area Coordinator - Robert R. Smith
Defuniak Springs

State Warning Point Tallahassee Division of Disaster Preparedness

Alternate Warning Point Tallahassee Division of Law Enforcement

Tallahassee
Dept. of Health and Rehabilitative Services (DHRS) Lyle Jarrett

Ulray Clark

Orlando Radiological Lab



Organization

Phone

STATE OF GEORGIA

ENV. Rad Program On Call Member

On Call ENV. Prot. Div. Staff Member

Georgia Emergency Management Agency 24 Hour No.

Emergency Operations Center



Contact

Office Phone



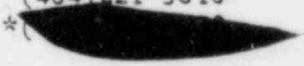
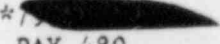

Home Phone

James Hardeman
Clifford Blackman
Susan Adamovitz
Alphonsa Gooden
Clark Reynolds
Jim Setser



*Home phone
**24 hour number

TABLE 5
REGULATORY NOTIFICATION OR ASSISTANCE

<u>Organization</u>	<u>Name</u>	<u>Phone</u>
Nuclear Regulatory Commission,	Operations Center, Bethesda	Red Phone (ENS)
	Health Physics Network	22
	Full-time Duty Officer, Bethesda	(202)951-0550
Commercial Telephone System to NRC Operations Center (via Silver Spring Central Office)		(301)427-4056
	Full Time Operator, Bethesda Public Affairs, Bethesda	(301)492-7000 or (301)492-7715
Nuclear Regulatory Commission,	Office of Inspection and Enforcement 101 Marietta St. N.W. Suite 3100 Atlanta, Georgia 30303	(404)221-4503 (404)221-4504
	J. P. O'Reilly Regional Administrator	
	David Berrelli Chief, Reactor Projects, Section II	(404)221-5526 
	R. D. Martin Deputy Director	(404)221-5610 
Confirmation	Western Union Telegraph	1-800-257-2241
Savannah River Operations Office	Duty Officer	(803)725-3333/ 2117 2729
NRC On-Site Inspector	William H. Bradford	899-3386 or 899-3387  PAX 480
	W. H. Ruland	 PAX 480

*Home Phone

TABLE 6
SUPPORT GROUPS

<u>Organization</u>	<u>Name</u>	<u>Phone</u>
Institute of Nuclear Power Operations (Switchboard) Duty Officer (Emergency)	24 hr. alternate	

Oak Ridge Opns Office of DOE
(Request through State of Alabama)

University of Georgia

Center for Applied Isotopes Study

Phone

(Campus Police)
Have police contact one
of the following:
Dr. John Noakes
Jim Spaulding

<u>Organization</u>	<u>Name</u>	<u>Phone</u>
Southern Company** Services, Inc.	J. R. Crane (Dept. Mgr)	
Southern Company ** Services, Inc.	Chris. Byrd (Civil & Arch. P.E.)	
	W. R. Hill (Proj. Support Mgr)	
	D. E. Kendrick (Mech. P.E.)	
	H. H. Stone (Elec. P.E.)	

*Home phone.

**To call on PAX phone dial access codes as appropriate plus 8-61-85 and last four digits of the number.

WESTINGHOUSE

Power Generation Service

Division (Birmingham)

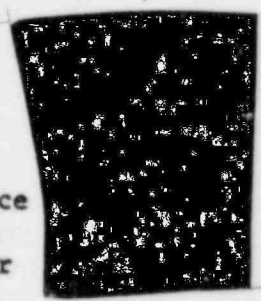
Resident
Site Manager

Charlie Reep
Private Line
Bob Wise
Stanley Burns

William R. Navey, III

PAX

Office
Home
Pager



Water Reactors Division (Pittsburgh)

Inform one Westinghouse contact, using this list in the order shown, to ensure early notification to W of an emergency occurring at FNP. Be prepared to transmit the data requested in Appendix 4, to discuss as many facts as are available at the time of the call and to identify a cognizant individual to provide continuing communications and updates to W.

	<u>Title</u>	<u>Name</u>	<u>Office</u>	<u>Home</u>	<u>Pager</u>	<u>Hot Line</u>
1.	Site Mgr.	Rod Baulig				
AREA CODE 412 FOR ALL NUMBERS BELOW						
2.	W AFCC Mgr.	John Miller				
	1st Alternate	Joe Leblang				
	2nd Alternate	Lonnie Benson				
	So. Area Mgr.	Dave Richards				
	1st Alternate	Joe Leblang				
	2nd Alternate	Ken Voytell				
4.	SRT Ldr	Dave Woodward				
	1st Alternate	Bernie Haertjens				
	2nd Alternate	Pat Walker				
5.	OPS Spt.	Jim Evans				
	1st Alternate	Jeffrey B. Simon				
	2nd Alternate	John E. Hevlon				
6.	HP Spt.	Jim Flanigan				
	1st Alternate	Craig Wilson				
	2nd Alternate	John Muskanick				


NUCLEAR MUTUAL LIMITED

Larry Cummings	New York	(day)
Al Rand	Office	(emergency/night)
Quentin Jackson	Hamilton	(day*)
	Bermuda	(night)
	Office	(day*)
Adrian Lee-Emery		(night)

*24 hour recording device

APCo Construction

In the event of an emergency when there are no APCo Construction Warehouse personnel on the site, such as week-ends, holidays, or after normal duty hours, and assistance is needed, the following procedure will apply:

1. Dial 
2. You will hear a ringing.
3. After a ring or two you will hear a "beep" tone. This is the signal for you to give your message.
4. Speak into the telephone. The person wearing the beeper will hear you on their beeper. You will have a few seconds to advise him of your requirement or to ask him to call you back.
5. Hang up. Your return call should be received within ten to fifteen minutes.

In the event that contact cannot be made as indicated above, assistance may be requested from the following, in the order listed:


<u>Name</u>	<u>Title</u>	<u>Home Phone</u>
J. Hackett, Jr.	Supv., Power Plant Material	
J. S. Fitzgerald	Assistant Project Engineer	
<u>Seismic Information</u>	National Earthquake Center, Colden Colorado	
<u>Hydrologic Information</u>	Corps of Engineers - Water Management Dept.	(6:30 a.m. to 4:00 p.m.)
<u>Hydrologic Information</u>	George W. Andrews Lock and Dam Lockmaster	(manned 24 hrs a day 7 days a week)

TABLE 7A
HEALTH PHYSICS SUPPORT


<u>Name and Position</u>	<u>Phone</u>
Nesbitt, C. D. Technical Superintendent	
Mitchell, M. W. Health Physics Supervisor	
Farnsworth, P. E. HP Sector Supervisor	
Patton, B. P. Plant Health Physicist	
Walden, J. M. Radwaste Supervisor	
Hostetter, D. A. HP Foreman	
Maddox, N. M. Plant Instructor	
Hall, C. R. HP Foreman	
Graves, O. M. Shift Support Supervisor	
Bouillon, J. F. HP Foreman	
Neher, R. G. HP Foreman	

TABLE 7B
CHEMISTRY/RADIOCHEMISTRY & ENVIRONMENTAL SUPPORT

Bayne, W. R.
Chemistry & Environmental Supervisor

Gripentog, W. G.
Environmental & Emergency
Planning Supervisor

Wood, III, R. T.
Plant Chemist

Livingston, R. A.
Chemistry Foreman

Robinson, J. R.
Chemistry Foreman

Whitehead, R. L.
Safety Specialist

Hamm, R. H.
Senior Engineer II

Grissette, D. E.
Counting Room & Dosimetry Foreman



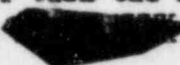
Waites, J.
Plant Instructor

Agee, J.
Plant Instructor

TABLE 8
TECHNICAL SUPPORT CENTER CALL LIST

The individuals listed below will serve as the "on-call" Managers for a seven day period (Monday through Sunday) on a rotating basis.

"On-call" is defined as:

- a. At Farley Nuclear Plant, or
- b. At the individual's home where he can be reached at his home phone number, or
- c. At a specific location in the Dothan area other than the individual's home AND the control room has the phone number where the individual can be contacted, or
- d. In the Dothan area (not greater than 30 miles from downtown Dothan) AND the individual's pager is ON.
 1. The pager will be activated by dialing  (pager number) on the  Dothan exchange.
 2. On any exchange other than the Dothan exchange the pager will be activated by dialing  (pager number).
 3. After dialing, two rings will be followed by a high frequency tone; the caller then has 15 seconds to deliver a message. NOTE: The pager is a receiver only. It has no transmitting capability.

<u>Name and Position</u>	<u>Home phone</u>	<u>Pager Number</u>
Operations Manager		
1. R. D. Hill		
2. J. E. Odom		
3. B. W. Vanlandingham		
Maintenance Manager		
1. W. B. Shipman		
2. H. R. Garland		
3. L. A. Ward		
Technical Manager		
1. R. D. Rogers		
2. R. G. Berryhall		
3. C. D. Nesbitt		
Health Physics Manager		
1. M. W. Mitchell		
2. J. M. Walden		
3. P. E. Farnsworth		
SAER Supervisor		
1. W. G. Ware		
2. R. V. Badham		
3. G. P. Smith		

Operations Manager
1. R. D. Hill
2. J. E. Odom
3. B. W. Vanlandingham

Maintenance Manager
1. W. B. Shipman
2. H. R. Garland
3. L. A. Ward

Technical Manager
1. R. D. Rogers
2. R. G. Berryhall
3. C. D. Nesbitt

Health Physics Manager
1. M. W. Mitchell
2. J. M. Walden
3. P. E. Farnsworth

SAER Supervisor
1. W. G. Ware
2. R. V. Badham
3. G. P. Smith

<u>Name and Position</u>	<u>Home phone</u>	<u>Pager Number</u>
--------------------------	-------------------	---------------------

Reactor Engineer

1. R. H. Marlow
2. W. S. MacDonald
3. S. G. McDaniel
4. C. F. Westberry

Chemistry Supervisor

1. J. R. Robinson
2. R. A. Livingston
3. R. T. Wood

Environmental Supervisor

1. W. R. Bayne
2. W. G. Gripentog
3. D. E. Grissette

ADMS Computer Support

1. J. P. Higginbotham
2. H. D. Hester
3. D. L. Teat
4. L. N. Evans

TABLE 9

OIL AND HAZARDOUS WASTE SPILL NOTIFICATIONS

<u>Organization</u>	<u>Name</u>	<u>Phone</u>
U.S. Coast Guard National Response Center		
Alabama Department of Environmental Management	John Williford Charles Horn James Warr	(office)
Environmental Affairs	Steve Jones	
Environmental Protection Agency	A. J. Smith R. D. Stonebraker George Moein Ray Wilkerson Jan Rogers Fred Stroud Warren Dixon Charles McPherson Edward Hatcher	(office) (24 hr)
Great Southern Paper Co.	B. E. Rathel	
Tenneco Oil Co.	Jack Anderson Cleo Savelle	(after hours)
Chemical Waste Management	Emelle, AL	
Allworth Enterprises	Tarrant City, AL	

*Home Phone

TABLE 10
TECHNICAL SUPPORT



<u>Name and Position</u>	<u>Phone</u>
Nesbitt, C. D. Technical Superintendent	
Rogers, R. D. Computer Services Supervisor	
Hill, R. D. Operations Supervisor	
Marlow, R. H. Technical Supervisor	
Stephenson, E. L. GPE Supervising	
Ward, L. A. I&C Supervisor	
Webb, P. Generating Plant Engineer II	
McDaniel, S. G. Generating Plant Engineer I	
MacDonald, W. S. Generating Plant Engineer I	
Gripentog, W. G. Env. & Emerg. Planning Supervisor	
Bayne, W. R. Chemistry & Environmental Supervisor	
Grissette, D. E. Counting Room & Dosimetry Foreman	
Higginbotham, J. P. Computer Software Supervisor	
Pyfrom, J. E. Computer Technician	
Hester, H. D. Computer Engineer	

TABLE 11
TELECOPIER NUMBERS

<u>Location</u>	<u>Telecopier Number/Type</u>	<u>Verification Number</u>
AEMA (AL. Emerg. Mgt. Agency - Civ. Def.)		
Alabama Rad Health		
Bechtel-Gaithersburg		
Early County EOC		
EOF		
Flintridge EOC		
FNP Administration		
GEMA (GA. Emerg. Mgt. Agency)		
Houston Co. EOC		
INPO		
NRC-HQ Bethesda, MD		
NRC-Region II		
SCSI - Bham(Inverness)		
- Atl (Data Ctr)		
Westinghouse		
-Bham		
-NSD		

APPENDIX 1

ALABAMA POWER COMPANYNUCLEAR GENERATION SECTION-DIRECTIVENGS-D1, EMERGENCY NOTIFICATION NETWORK

Effective Date: _____

Approved: _____
Vice President - Nuclear Generation1.0 Purpose

This directive describes the locations and capabilities of the Emergency Notification Network (ENN) and establishes procedures for its use and testing.

2.0 Scope

This directive applies to all organizations and agencies on the ENN. Implementation of this directive will require that interfacing procedures be developed for each dispatcher station.

3.0 Description

An ENN unit is installed at the following locations:

FNP Technical Support Center
 FNP Emergency Operations Facility
 APCo Nuclear Generation Flintridge
 Alabama Department of Radiological Health*
 Alabama Department of Civil Defense*
 Alabama Department of Public Safety*
 Georgia Emergency Management Agency
 Houston County Sheriff Dispatcher
 Houston County Office of Civil Defense
 Houston County Office of Radiological Health
 Early County (GA) Sheriff Dispatcher
 *Located in Montgomery

Each ENN unit shall consist of a telephone and speaker. When all phones are cradled, all speakers are muted. If any one of the phones is lifted off the cradle all speakers are activated except the speaker associated with the phone taken off the hook. The phones do not ring. The person lifting the phone need only speak into the phone to be heard by personnel at all the other ENN units. When any other ENN phone is taken off the hook the associated speaker will be muted and normal two way voice communication is established between the two parties. This communication will be transmitted through those speakers not muted, i.e. those with the associated phone cradled.

CAUTION

Upon completion of any transmission from a given station the phone must be returned to the cradle to activate the associated speaker. Do not leave phone unattended off the cradle.

4.0 Net Control

4.1 Initial Notification

In an emergency situation dictating the activation of the ENN, the Technical Support Center at Farley Nuclear Plant shall make initial notification using the following message:

"This is (Name and Title) at Farley Nuclear Plant. Please initiate your radiological notification procedure".

Dispatchers will acknowledge receipt of the above message and proceed in accordance with their procedures. No technical information will be given until the appropriate state and/or local agency(ies) are on the ENN.

4.2 False Notification

In the event of an attempted false notification or other misuse of the ENN, the speaker in the TSC at Farley Nuclear Plant will be activated and FNP personnel will receive the message transmitted. If the message is an attempt to cause a false notification, FNP supervisory personnel will lift the TSC phone and state "Negative, Negative, Negative" followed by "This is (Name and Title) acknowledge negative".

Dispatcher will acknowledge and proceed in accordance with their procedures.

4.3 Subsequent Communications

The ENN may also be used for the clear transmission of technical, radiological and meteorological data and action statements and recommendations based on evaluation of this data.

The Technical Support Center (TSC) at the Farley Nuclear Plant shall be net control for all ENN communications. The TSC shall have priority in transmitting information and shall govern transmission by other organizations.

5.0 Communications Checks

The ENN will be tested on the first Tuesday of each month between 1:00 p.m. and 1:30 p.m. Dothan, Alabama time. The test will be performed as follows:

The shift supervisor will remove the receiver from his phone and repeat, "This is (Name and Title) at Farley Nuclear Plant, this is a communications check, acknowledge". Acknowledgement should follow the order given in paragraph 3.0.. The shift supervisor will verify that all ENN units are responding and notify the appropriate organization by separate means.

6.0 System Security

The possibility for misuse and/or abuse of this type system is obvious. Therefore, each organization that has an ENN unit installed in locations not manned on a 24 hour basis shall provide adequate security measures to minimize the probability of misuse and abuse. Descriptions of the security measures established will be provided to Alabama Power Company.

WESTINGHOUSE EVENT DATA CHECKLIST
INFORMATION

INDIVIDUAL RECEIVING DATE: _____ TIME: _____

FARLEY NUCLEAR PLANT _____ EVENT

RCS PARAMETERS

- | | | | |
|----|--------------------------------|--------------------|--------|
| 1. | RCS Pressure | _____ | psia |
| 2. | Trend | Up / Down / Stable | |
| 3. | Przr. Level | _____ | % Span |
| 4. | Trend | Up / Down / Stable | |
| 5. | Przr. Liquid Temp./Steam Temp. | _____ / _____ | °F |
| 6. | Przr. Heaters | On / Off | |

RCS MAKEUP FLOW STATUS

- | | | | |
|-----|----------------------------|-----------------|--------------|
| 7. | Safety Injection, Flowrate | On / Off _____ | gpm |
| 8. | RWST Level | E _____ F | |
| 9. | Normal Makeup, Flowrate In | On / Off, _____ | gpm |
| 10. | Letdown Flowrate | _____ | gpm/isolated |

NSSS LOOP PARAMETERS

- | | A | LOOP
B | C |
|-----|---------------------------------|--------------------|-------|
| 11. | Wide Range T _c (°F) | _____ | _____ |
| 12. | Wide Range T _h (°F) | _____ | _____ |
| 13. | RCP Status (On/Off) | _____ | _____ |
| 14. | S.G. Pressure (psia) | _____ | _____ |
| 15. | Trend | Up / Down / Stable | |
| 16. | S.G. Level, Wide Range (% Span) | _____ | _____ |
| 17. | S.G. Narrow Range (% Span) | _____ | _____ |
| 18. | Trend | Up / Down / Stable | |
| 19. | Steam Flow (% Nominal) | _____ | _____ |
| 20. | MSIV Status Open/Closed | _____ | _____ |
| 21. | Main Feedwater Flow (gpm) | _____ | _____ |
| 22. | Auxiliary Feedwater Flow (gpm) | _____ | _____ |
| 23. | Condensate Storage Tank Level | E _____ F | _____ |

CONTAINMENT PARAMETERS

- | | | | |
|-----|-----------------------------|-------|---------------|
| 24. | Containment Pressure, Temp. | _____ | psig _____ °F |
| 25. | Containment Radiation | _____ | |
| 26. | Recirculation Sump Level | _____ | |
| 27. | Hydrogen Concentration | _____ | % |

NOTES: _____

VOLUME 14

FNP-0-EIP-10
January 23, 1984
Revision 12

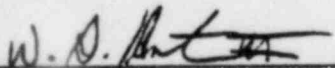
FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-10

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EVACUATION AND PERSONNEL ACCOUNTABILITY

R
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D

Approved:



Plant Manager

Date Issued: 1-26-84

List of Effective Pages

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Diskette EIP-4

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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:

- 1. Service Building Auditorium
- 2. Maintenance Shop
- 3. Visitors Center Auditorium (EOF)
- 4. APCO Construction offices
- 5. CSC
- 6. Control Room and Technical Support Center
(TSC)
- 7. APCO Construction Contractor Staging Building

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. APCO Construction Contractor Parking Lot
- C. APCO Construction Parking Log
- D. Switchhouse
- E. APCO Nuclear Generation (NG) Visitor Parking Lot
- F. Between Unit #2 "2A" and "2B" Cooling Towers
- G. APCO N.G. Parking Log

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 Initial accountability shall be deemed complete upon the reporting of the total number of missing personnel by name in the Protected Area to the Emergency Director. The report must not be delayed as a result of trying to locate the missing personnel. Final accountability will be complete upon ascertaining the status of all personnel known to be onsite at the initiation of accountability.

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 Health Physics Manager, Environmental Supervisor, Licensing Engineer, Reactor Engineer, and Systems Engineer shall report to the Technical Support Center.
- 4.2.2 The Operations Supervisor, Health Physics Sector Supervisor, members of the operating crew(s) and on-shift CHM & ENV and 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 CHM & ENV and 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. The Shift Radiochemist shall then report to the TSC.
- 4.2.3 All DAVCON, APCo Construction and contractor personnel and all APCO Nuclear Generation and contractor 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 NG contractor personnel.
 - 4.2.3.2 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.

- 4.2.3.3 All employees assigned to the Visitors Center including students attending class shall assemble in the Visitors Center Auditorium and adjacent area (if necessary) for accountability.
- 4.2.3.4 APCO Construction offices (Figure 1-(4)). All APCO Construction personnel.
- 4.2.3.5 APCO Construction Contractor Staging Building (Figure 1-(7)). All DAVCON and APCO Construction contractor personnel.
- 4.2.3.6 Service Building Auditorium (Figure 1-(1)) - All other personnel.
- 4.2.3.7 Alternate Assembly Areas *(To be used at the discretion of the Emergency Director):
- A) Utility Building
 - B) APCO Construction Contractor Parking Lot
 - C) APCO Construction Parking Lot
 - D) Switchhouse
 - E) The APCO NG Visitor Parking Lot
 - F) Location Between Unit # 2 "2A" and "2B" Cooling Towers.
 - G) APCO NG Parking Lot

*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-(D)) 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 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 DAVCON and other APCO Construction contractor personnel
- 4.2.8.1 Timekeepers shall keep an accurate count by time cards of all DAVCON and APCO Construction Contractor 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 area 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 project manager. Project 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 project managers to the APCO Construction Project Engineer. The APCO Construction Project Engineer 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 NG and contractor personnel shall be monitored by a HP technician and released from the CSC Building and the Visitor's Center. If the background radiation makes the CSC

Building or Visitor's Center unsuitable as a release point, personnel shall be escorted by the 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.

APCO Construction and contractor personnel shall be monitored by HP technicians and released at the clock alleys next to the APCO Construction contractor parking lot. If this location is unsuitable as a release point, the personnel shall be escorted by the 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.

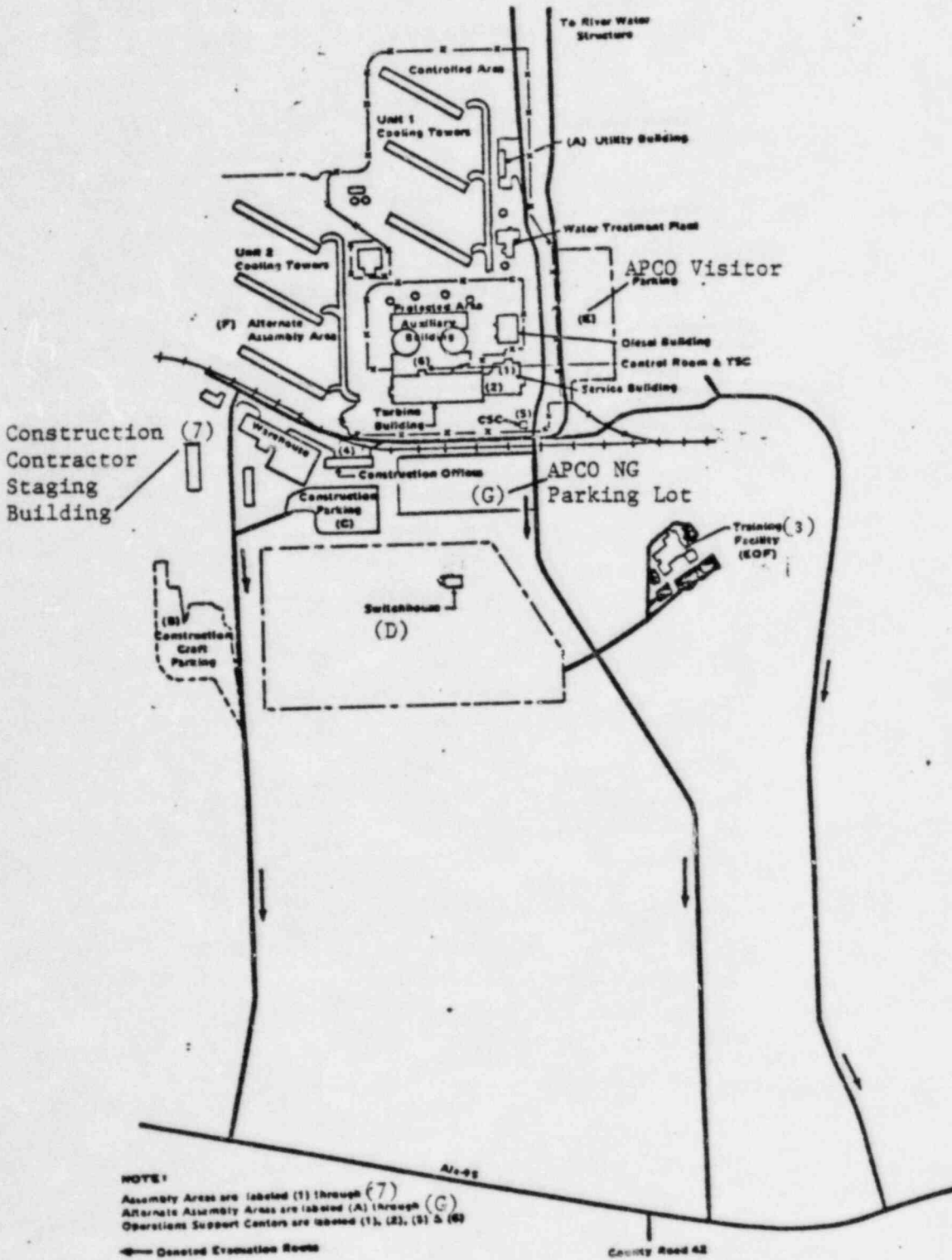
Any personnel or equipment found to be contaminated will be returned to the plant for decontamination or routed to one of the following decontamination points with the concurrence of the Houston County or Early County EOC.

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).

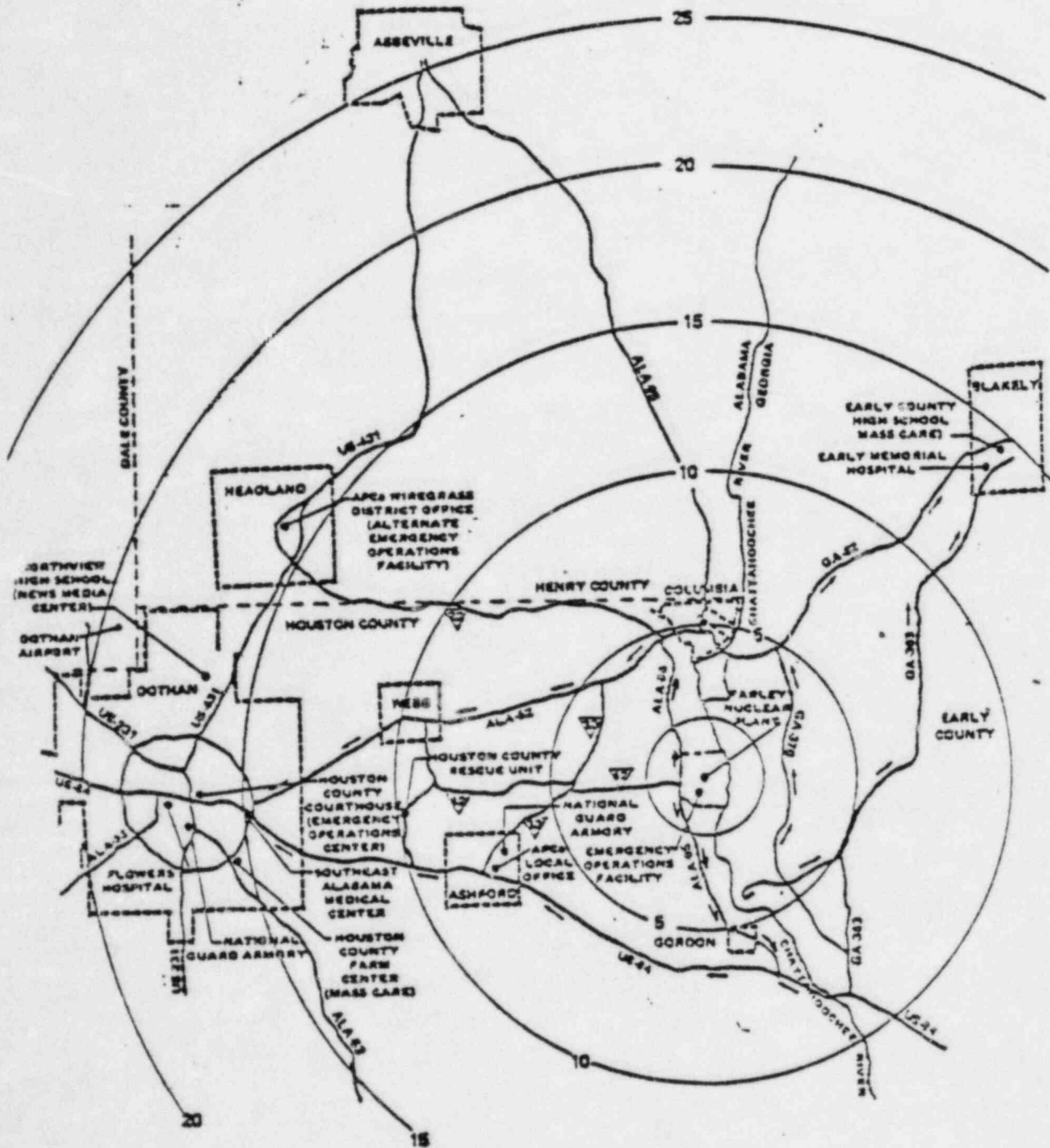
4.2.10.3 Early County High School

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

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-11

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HANDLING OF INJURED PERSONNEL

Approved:

W. A. [Signature]
Plant Manager

Date Issued: 1-26-84

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HANDLING OF INJURED PERSONNEL

1.0 Purpose

This procedure provides guidelines for actions to be taken in the event of serious injury or in the event of any injury where radioactive contamination may exist.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP-0-EIP-8, Notification Roster
- 2.3 Title 10, Code of Federal Regulations, Part 20
- 2.4 FNP-0-EIP-17, Notification of Unusual Event
- 2.5 FNP-0-EIP-26, Offsite Notification
- 2.6 Memorandum, "Onsite First Aid for Non-Company Workers", July 29, 1983
- 2.7 FNP-0-SHP-51, Nurse's Station

3.0 General

- 3.1 Plant medical treatment of injured personnel shall consist of simple first aid rendered by qualified individuals. First aid may be administered to non-company as well as company workers onsite.
- 3.2 At least one person on each operating crew of each unit shall be qualified to perform first aid.
- 3.3 Casualty decontamination should not take precedence over first aid in those cases requiring urgent medical treatment.
- 3.4 Decontamination will normally consist of removing contaminated clothing, washing of superficial abrasions, flushing of the eyes, etc.
- 3.5 Casualties with serious injuries such as concussions, fractures, lacerations, stretcher cases, etc., should be transferred to the hospital immediately.
- 3.6 Chemistry & Health Physics shall provide supervision as soon as possible after casualties have been sent to Southeast Alabama Medical Center, to provide assistance in the coordination of the receipt of casualties.
- 3.7 Any individual who administers first aid shall subsequently complete applicable sections of APCo Form Number 5-41273,

Employee Injury Report, (Figure 1) and forward the completed form through the individual's supervisor to the staff assistant per SHP-51.

- 3.8 Notifications which could be required are shown in Figure 1A and are listed in EIP-26. Telephone numbers are listed in FNP-0-EIP-8.
- 3.9 Personnel contamination associated with medical care is considered a personnel emergency. On each occurrence individuals performing personnel decontamination shall complete CHP Form 202, Personnel Decontamination Record (Figure 2), and forward to the Chemistry and Health Physics Supervisor.
- 3.10 Actual or suspected radiation exposure casualties shall be grouped into the following classifications according to the listed criteria. For the purpose of these classifications trauma is defined as an injury or wound violently produced or the abnormal emotional condition resulting from the injury or wound. Action guidelines are listed for the disposition of such casualties:
 - 3.10.1 Class 1 Radiation Exposure Casualty
 - 3.10.1.1 Exposure criteria:
 - a. Estimated radiation dose greater than applicable 10CFR20 limits but less than 5 rem to whole body (including eyes, gonads, and bloodforming organs); or
 - b. Estimated radiation dose to the skin of the whole body greater than the 10CFR20 limit but less than 30 rem; or
 - c. Estimated radiation dose to the feet, ankles, hands, or forearms greater than the 10CFR20 limit but less than 75 rem.
 - 3.10.1.2 Action guidelines:
 - a. Without trauma-send to Southeast Alabama Medical Center (SAMC) for evaluation after clearance by Health Physics for contamination.

- b. With trauma-appropriate first aid then send to SAMC for evaluation.

3.10.2 Class 2 Radiation Exposure Casualty

3.10.2.1 Exposure criteria:

- a. Estimated radiation dose to the whole body (including eyes, gonads, and blood-forming organs) greater than 5 rem but less than 25 rem; or
- b. Estimated radiation dose to the skin of the whole body greater than 30 rem but less than 150 rem; or
- c. Estimated radiation dose to the feet, ankles, hands, or forearms greater than 75 rem but less than 375 rem.

3.10.2.2 Action guidelines:

- a. Without trauma - sent to SAMC for evaluation after clearance by Health Physics for contamination.
- b. With trauma - appropriate first aid, then send to SAMC for evaluation.

3.10.3 Class 3 Radiation Exposure Casualty

3.10.3.1 Exposure criteria:

- a. Estimated radiation dose to the whole body (including eyes, gonads, and blood-forming organs) of 25 rem or more; or
- b. Estimated radiation dose to the skin of the whole body of 150 rem or more; or

- c. Estimated radiation dose to the feet, ankles, hands, or forearms of 375 rem or more.
- d. Internal radiation exposure estimated to be significant.

3.10.3.2 Action guidelines:

- a. Without trauma - after proper decontamination by Health Physics, send directly to the Radiation Casualty Treatment Facility (RCTF) in Birmingham.
- b. With trauma - appropriate first aid, decontamination, and if necessary for life-saving surgical problems, local hospital treatment, then transfer to RCTF.

3.10.4 Monitoring and decontamination is desirable prior to sending a casualty to a hospital.

3.11 The following modes of transportation are available for transporting casualties to medical treatment facilities:

3.11.1 Plant to SAMC, RCTF, Oak Ridge Associated Universities (ORAU):

3.11.1.1 Plant Emergency Vehicle (PEV).

3.11.1.2 Any other Alabama Power Company (APCo) vehicle.

3.11.1.3 Pilcher Ambulance Service
Dothan, Alabama.

3.11.2 SAMC to RCTF or Birmingham Municipal Airport:

3.11.2.1 Pilcher Ambulance Service,
Dothan, Alabama.

3.11.2.2 U. S. Army Aviation Center,
Fort Rucker, Alabama.

- 3.11.3 Birmingham Municipal Airport to RCTF:
 - 3.11.3.1 A & A Ambulance Service,
Birmingham, Alabama.
- 3.11.4 SAMC to ORAU:
 - 3.11.4.1 Pilcher Ambulance Service,
Dothan, Alabama.
 - 3.11.4.2 U. S. Army Aviation Center,
Fort Rucker, Alabama (Fixed
wing transportation from
Dothan Airport).
- 3.11.5 RCTF to ORAU:
 - 3.11.5.1 A & A Ambulance Service,
Birmingham, Alabama.
- 3.12 Exposure limits for ambulance personnel are as follows:
 - 3.12.1 3 rem if there is an adequate number of attendants such that rotation may be accomplished without further endangering the patient(s).
 - 3.12.2 5 rem if the number of attendants is limited such that personnel cannot be rotated.
 - 3.12.3 25 rem if necessary to save a life.

4.0 Procedure

- 4.1 The individual who discovers an injured person or witnesses an injury shall:
 - 4.1.1 Render any assistance and first aid which you are qualified to perform.
 - 4.1.2 Notify the Control Room giving your name, the location and number of injured personnel, extent of injuries if known and any other pertinent information which could affect plant operations. Notification of the Control Room may occur before 4.1.1 above based on the judgement of the individual.
- 4.2 The Shift Supervisor shall consider the following actions in conjunction with initiating the Personnel Emergency Checklist (FNP-0-EIP-11A):

- 4.2.1 Announce the emergency on the PA system and dispatch a qualified individual(s) to perform first aid.
- 4.2.2 Implement EIP-17, Notification of Unusual Event if a contaminated, injured individual is transported to an offsite facility.
- 4.2.3 Dispatch a Radiation Monitoring Team to survey if radiation exposure or contamination is possibly involved.
- 4.2.4 Summon a local ambulance if the Plant Emergency Vehicle is not available giving the number of injured personnel and whether or not radioactive materials are involved.
- 4.2.5 Inform Central Security Control (CSC) to escort the ambulance when it arrives at the plant site to the location of the injured personnel.
- 4.2.6 If contamination is involved, direct a Chemistry and Health Physics technician or another individual deemed competent in radiological monitoring to accompany the injured person(s) to SAMC.

NOTE: It may be desirable to notify a C & HP technician at home to meet the emergency vehicle at SAMC.

- 4.2.7 Notify SAMC and the company doctor on call giving the following information:
 - 4.2.7.1 Number of casualties.
 - 4.2.7.2 Whether or not radioactive material is involved.
 - 4.2.7.3 Level of contamination, if known.
 - 4.2.7.4 Nature of injury.
 - 4.2.7.5 Estimated time of arrival.
 - 4.2.7.6 Any other pertinent information.
 - 4.2.7.7 After information is given, the hospital will call back to FNP to verify an actual emergency exists.

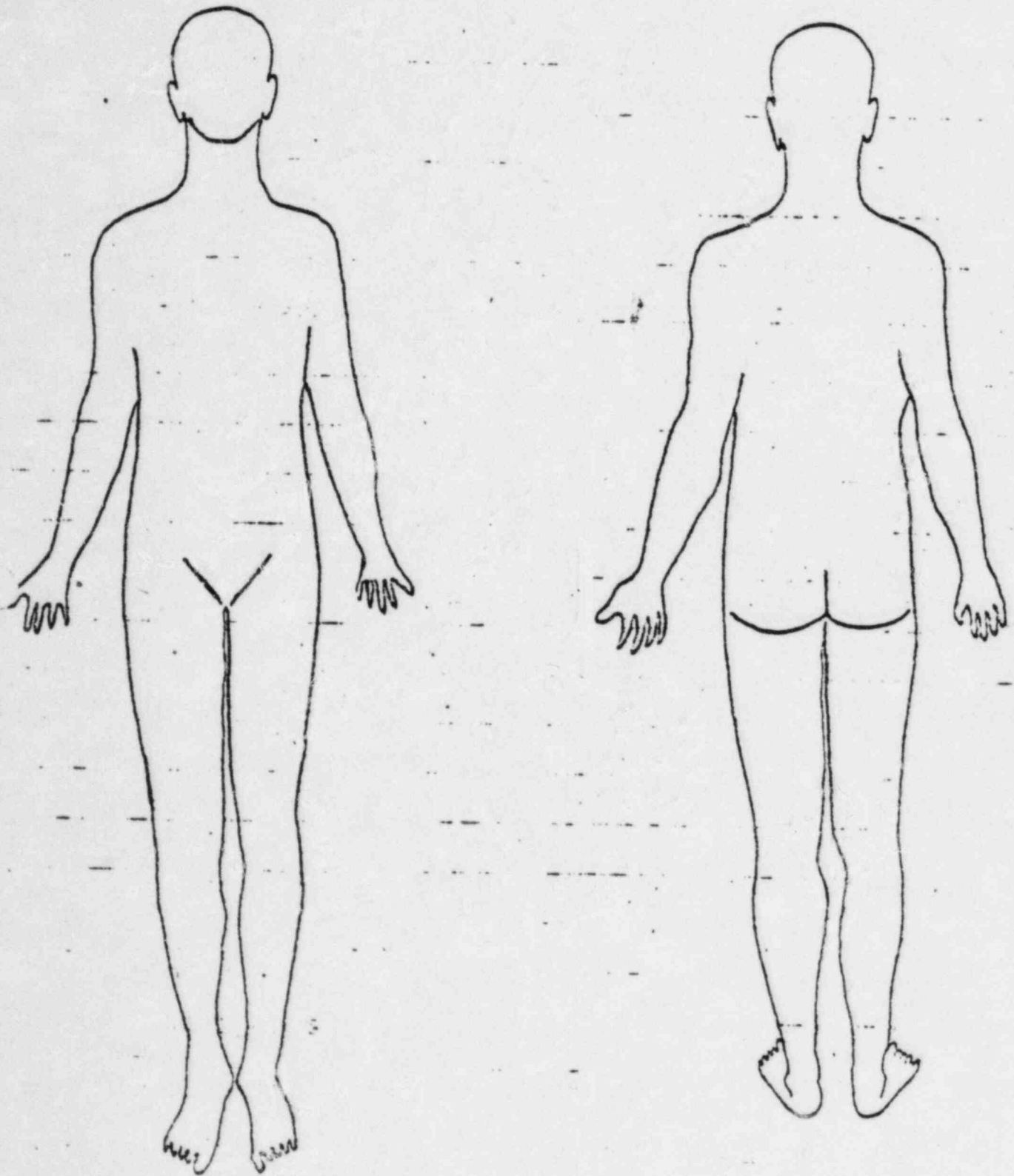
- 4.2.8 Ensure that the Emergency Director is notified.
- 4.3 The Emergency Director shall, if not previously performed, provide for the following in conjunction with, completing the Personnel Emergency Checklist (FNP-0-EIP-11A):
 - 4.3.1 Removal of personnel from a hazardous area (high radiation or contamination).
 - 4.3.2 Administration of first aid for severe physical injuries.
 - 4.3.3 Personnel decontamination.
 - 4.3.4 Evaluation of radiation exposures.
 - 4.3.5 In the event of mass casualties, determine which casualties will be sent to SAMC, RCTF, or directly to REACTS.
 - 4.3.6 Notification per EIP-26 in the event of personnel contamination or overexposure.
- 4.4 Person(s) assigned to administer first aid to a casualty shall:
 - 4.4.1 Report to the accident with the first aid kit which is available in both First Aid Rooms and Emergency Cabinets.
 - 4.4.2 Render first aid to the casualty.
 - 4.4.3 If the casualty is to be sent to the hospital, attach a hospital wrist band with casualty's name and I.D. badge number and if radioactive contamination is NOT involved, remove the casualty's I.D. badge and personnel dosimetry devices.
 - 4.4.4 Subsequently, complete applicable sections of APCo Form Number 5-41273, Employee Injury Report, and forward the completed form to the Chemistry and Health Physics Supervisor.
- 4.5 If Health Physics support is required, the Radiation Monitoring Team shall:
 - 4.5.1 Establish the degree of contamination and exposure of the patient.

- 4.5.2 Establish protective clothing requirements for first aid personnel, and/or ambulance personnel.
 - 4.5.3 Decontaminate casualty if appropriate and/or minimize the spread of contamination.
 - 4.5.4 Read the casualty's personnel dosimetry devices as soon as possible to determine the radiation casualty classification, if a radiation injury is involved. If the casualty is highly contaminated and injuries require immediate transfer to the hospital, place an unexposed TLD in a plastic packet on the contaminated area.
 - 4.5.5 Prepare the casualty for transportation to a medical treatment facility if necessary.
 - 4.5.6 Assist the hospital staff as required.
 - 4.5.7 Periodically inform the Emergency Director as to the casualty's disposition.
 - 4.5.8 Detain ambulance and its attendants at hospital until properly monitored and decontaminated.
 - 4.5.9 Obtain personnel dosimetry devices and other APCo property from ambulance personnel when they are released.
 - 4.5.10 If a vehicular accident should occur enroute to SAMC and the Plant Emergency Vehicle or ambulance were to remain unattended, lock the vehicle and if radioactive materials are involved, placard all four sides with the sign "RADIOACTIVE".
- 4.6 Off-site ambulance personnel shall:
- 4.6.1 Meet guard at the APCo gate and follow to the CSC Building.
 - 4.6.2 Obtain ambulance kit and appropriate personnel dosimetry devices at the CSC Building.
 - 4.6.3 Proceed with guard to the location of the casualty.

- 4.6.4 Transport casualty to the medical treatment facility indicated by APCo personnel who are with the casualty.
- 4.6.5 Remain at the medical facility with the ambulance until monitored and released by APCo Health Physics personnel.

PERSONNEL EMERGENCY CHECKLIST
Handling of Injured Personnel

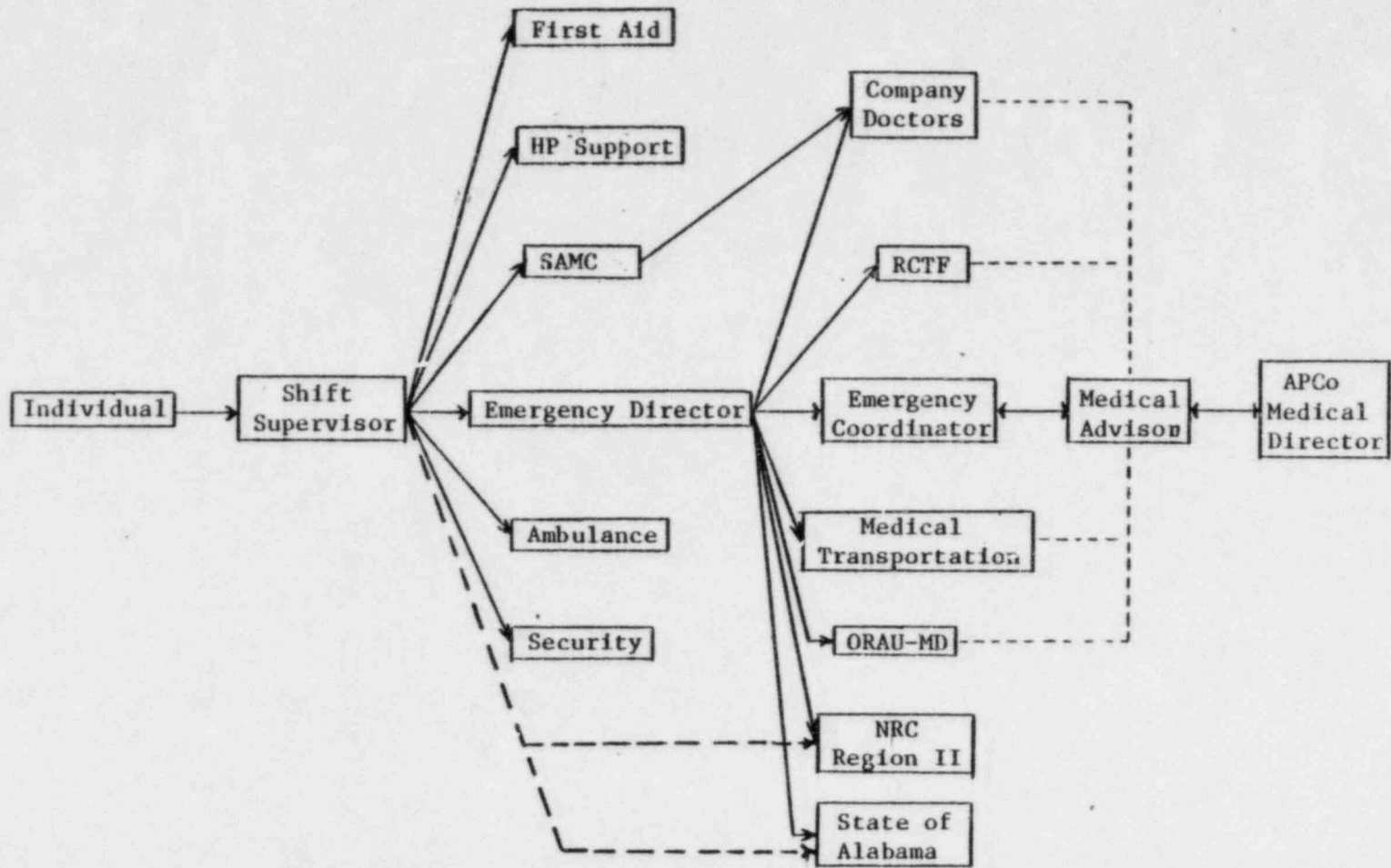
<u>Action</u>	<u>Initials</u>
1. Announce emergency and dispatch individual(s) to render first aid.	_____
2. Investigate situation for possible higher level emergency.	_____
3. Dispatch Radiation Monitoring Team if radiation exposure or contamination is possible involved.	_____
4. Summon Plant Emergency Vehicle or local ambulance service giving the number of injured personnel and whether or not radioactive materials are involved.	_____
5. Inform Central Security Control to escort the ambulance.	_____
6. If contamination is involved, send a C & HP Technician or other individual competent in radiological monitoring to accompany the injured person(s) to Southeast Alabama Medical Center (SAMC). Implement EIP-17	_____
7. Notify SAMC and the company doctor on call giving the following information.	_____
a. Number of casualties.	_____
b. Whether or not radioactive materials are involved.	_____
c. Level of contamination.	_____
d. Nature of injury.	_____
e. Estimated time of arrival.	_____
f. Other pertinent information.	_____
8. In the event of mass casualties decide which casualties will be sent to SAMC, RCTF, or directly to REACTS.	_____
9. Notify agencies per EIP-26	_____



Location of Contamination

(Figure 2-back)

(Figure 1A)



EMPLOYEE INJURY REPORT

FNP-0-EIP-11

Alabama Power 

This report is for reporting work related injuries when it is known that an injury did occur. If there is doubt that the injury is a company responsibility, make a report in letter form to the Safety Department. If subsequent facts define it as a company responsibility, the letter will be supplemented by reporting on this form.

Case or File No. _____

Report No. _____
(SAFETY DEPT. USE ONLY)

IF IT IS BELIEVED INJURY WILL INVOLVE LOST TIME, ADVISE SAFETY DEPARTMENT IMMEDIATELY.

Forward Original To Safety Department

WHO WAS INJURED?	Employee No. _____ Social Security No. _____ PAYROLL NAME _____ Home Address _____ Classification _____ Length of Service _____ Age _____ Sex _____ This information required only in lost-time injuries. Married? _____ Living with spouse? _____ No. of Children _____ Other Dependents _____ UNDER 18 YRS RELATION _____
TIME AND PLACE OF INJURY	Date of Injury _____ Time of Injury _____ A.M. P.M. Division, Plant, Organization _____ Department _____ Location _____ Give further detail such as place in plant, substation, or location on line where injury occurred _____
NATURE OF INJURY	Nature of Injury _____ Specific Location of Injury on Body _____
WHAT WAS DONE FOR INJURED?	Was First Aid given? _____ If so what? _____ Name and location of Doctor _____ Date sent to Doctor _____ Name and location of Hospital if applicable _____ Did Doctor permit injured to return to work? _____ When? _____ Is work slip attached, dated & signed? _____ Restricted Duty? _____ Unrestricted Duty? _____ (Send all Return To Work slips to Safety Department after signing and dating.)
THIS SECTION OF REPORT TO BE COMPLETED BY FOREMAN OR SUPERVISOR OF INJURED <small>(Do not delay sending report if injured is not physically able to complete his/her part.)</small>	Name the machine, tool, equipment or substance involved _____ Was above defective in any way? _____ If so, state in what way _____ Cause(s) of injury _____ Describe circumstances, including names of witnesses, surrounding injury based on your investigation. Attach additional statement and sketches if necessary _____ Suggested corrective action _____ Date of Report _____ Signed _____ FOREMAN OR SUPERVISOR TITLE _____
INJURED'S DESCRIPTION OF ACCIDENT RESULTING IN INJURY <small>(DO NOT SAY "See above for Description")</small>	Give a clear description of how you received injury, including names of witnesses. Use other side of report if more space is needed. _____ _____ _____ _____ Date _____ Signed _____ INJURED EMPLOYEE

FNP-0-EIP-27
January 24, 1984
Revision 2

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTATING PROCEDURE
FNP-0-EIP-27

ACTIVATION
OF THE
EMERGENCY OPERATIONS
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Approved:

W. D. Holt
Plant Manager

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Date Issued: 1-27-84

Date of Implementation 1-27-84

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Disk EIP-8

ACTIVATION OF THE EMERGENCY OPERATIONS FACILITY

1.0 Purpose

To provide guidance for the activation of the Emergency Operations Facility (EOF).

2.0 References

2.1 Joseph M. Farley Nuclear Plant Emergency Plan

2.2 FNP-0-EIP-101, Nuclear Generation Department Corporate Emergency Organization

2.3 FNP-0-EIP-6, Technical Support to the Emergency Plan

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. Specific guidance regarding the responsibilities of the recovery organization is provided in EIP-101.

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 the different agencies.

Several copies of EIP-27 will be located in the locker in room 118 of the EOF to aid in EOF activation. If additional support is needed personnel may be obtained by calling the various assembly areas (Phone numbers in EOF Phone Directory).

4.0 Procedure

4.1 Upon notification from the Technical Manager that an emergency condition is in progress which requires manning of the EOF, the individual on-call for Computer Support will coordinate actions to activate hardware in the EOF as follows: (Necessary key numbers and lock designations are provided in Table 1.)

Rev. 2

Honeywell Terminal Connection Diagram

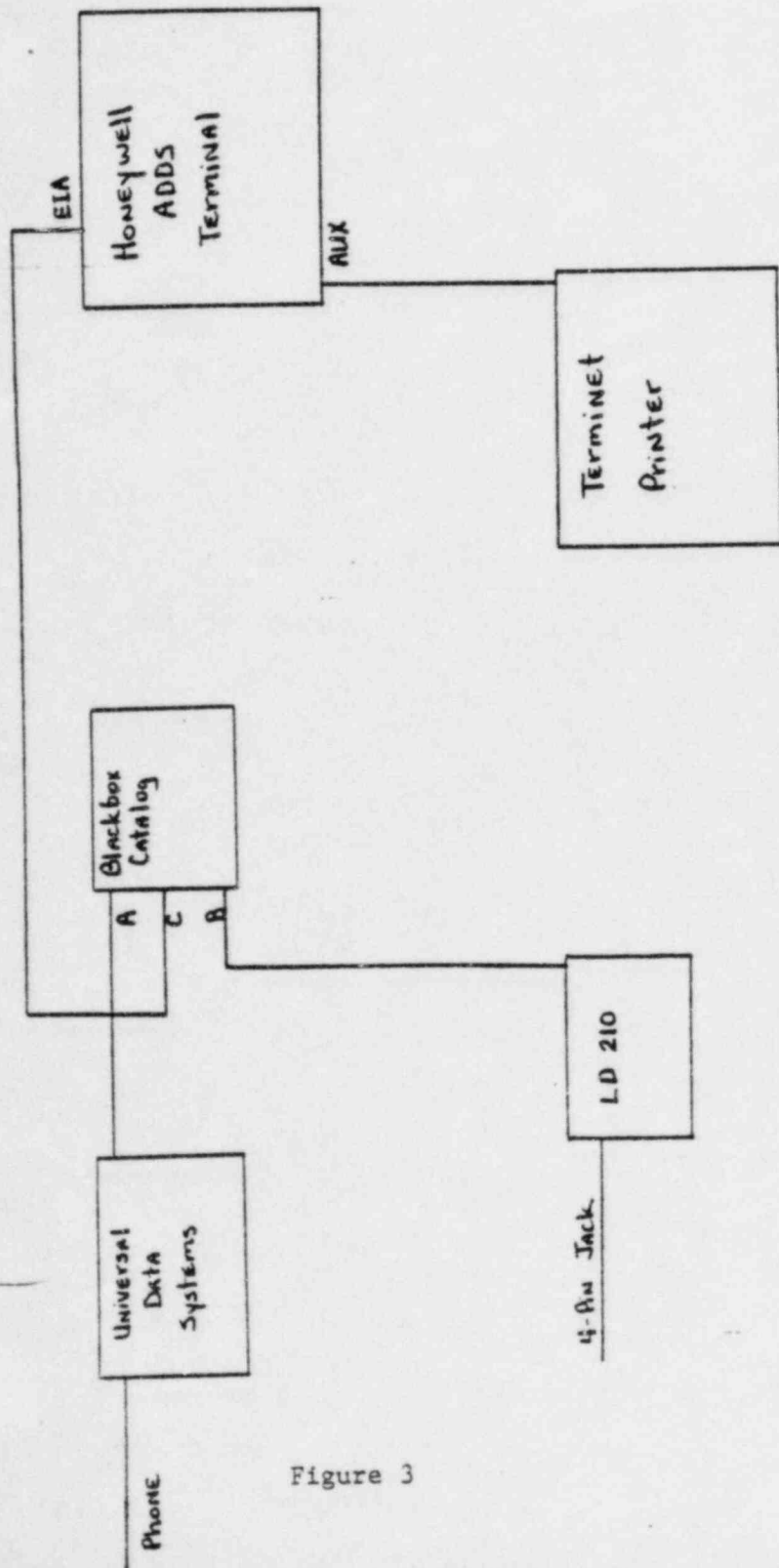


Figure 3

- 4.1.1 Unlock all downstairs doors of the EOF.
- 4.1.2 Arrange furniture in Rooms 103 to 106 as shown in Figure 1.
- 4.1.3 Remove communications instruments from storage room (Rm 118) and connect as shown in Figure 1. Telephone line extensions are located on the cart with the phones and should be used as necessary. (Some phone jacks in Room 106 are located behind the blank status board.)
 - 4.1.3.1 Connect desk phones to the modular jacks beneath the existing wall phones in rooms 103 and 104.
 - 4.1.3.2 Set up the equipment for the ENN in Room 104 (See Figure 1).
 - 4.1.3.3 Enable the telephones in rooms 103 to 106 by actuating the switches in the Communications Room (Room 108) located inside Mechanical Room No. 1 (Room 121) of the Visitor's and Training Center.
 - 4.1.3.4 Verify equipment is operable.
 - 4.1.3.5 Place FNP EOF telephone directories for easy access to the phones.
- 4.1.4 Install (or verify installed) two ADMS terminals and line printers in Room 104. Initialize the terminals and verify they are operable.
- 4.1.5 Move the transparency maker from Room 242 (Xerox Room) to Room 104 (see Figure 1). Verify its operability. (Transparency paper is in storage room 118.)
- 4.1.6 Move two typewriters from the training facility to Room 103 (see Figure 1).
- 4.1.7 Move two overhead projectors from the Training Facility to Room 106 (see Figure 1).


Rev. 2

- 4.1.8 Move the Honeywell computer terminal from [REDACTED] (xerox room) and install it in Room 103 (see Figure 1).
[REDACTED] Dial up phone numbers are [REDACTED]
- 4.1.9 Move the PAX operator's console from the Visitor's reception area to Room 106 and install it (see Figure 1). Call SE Division (Phone number in EOF Phone Directory) to clear the failure light.
- 4.1.10 Move the weather alert radio from Room 115 to Room 106 (see Figure 1).
- 4.1.11 Remove status boards and backscreen from storage room (Rm 118) and equipment room and install in Rm 106 as shown in Figure 1.
- 4.1.12 Distribute initial supplies to the appropriate room as designated on the Storage Room shelves. The supplies for room 103 to 106 and 115 include a room designation placard. Place the placard in the wall bracket outside each room. The supplies for Room 106 include name plates. These should be placed on the appropriate tables as shown in Figure 1.
- 4.1.13 Distribute supplies on the carts according to the labeling given.
- 4.1.14 Any other equipment in the Storage Room labeled with a room number should be placed in the appropriate location.
- 4.1.15 Relocate telecopier from the WB Counting Room (disconnect phone ext. [REDACTED] to the EOF, Room 103. Hook up into ext. [REDACTED]. Verify operability.
- 4.1.16 Place magnetic EOF signs in the following locations:
a) One - stairwell door leading down to the EOF.
b) Two - the outside parking signs.
- 4.1.17 If needed, align the EOF ventilation system for use of the systems HEPA filters.

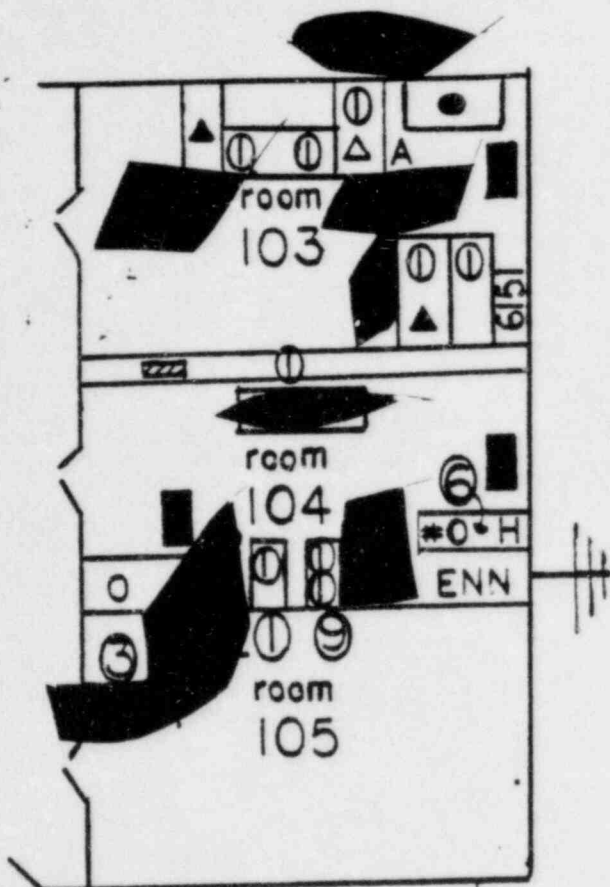
- 4.1.18 Obtain information required to complete status boards as appropriate for emergency condition and maintain status boards current until relieved by the EOF Staff.
- 4.1.19 Monitor APCO and State Radiation Monitor Team RMT communication and record all field monitoring results until relieved by the Dose Assessment Director.
- 4.1.20 Continue to coordinate activities required for computer terminal and communications equipment support under the direction of the Dose Assessment Director.
- 4.2 During a General Emergency, the PAX Operator function will normally be maintained by a member of the Security Group at Central Security Control (CSC). If the CSC must be evacuated, the PAX Operator function can be relocated to EOF Room 106.
- 4.3 The Emergency Operations Facility room designations and phone numbers are as listed:

<u>Location</u>	<u>FNP Ext.</u>	<u>Other</u>
Command Center (Room 106) -Recovery Manager -NRC -Public Info. Site Coordinator -Unassigned	[REDACTED]	TSC Intercom NRC ENS (Red Phone)* Plant Radio District Radio Security Radio Division Radio
Administrative Support/Public Information (PI) Area (Room 103) -Admin. Support Director -Admin. Support Staff -PI Site Coordinator -PI Staff -Telecopier		Equipped with OPX extension that may be activated if PAX fails.

*These phones are already installed.
No setup required.

<u>Location</u>	<u>FNP-Ext.</u>	<u>Other</u>
Dose Assessment (Room 104) -Dose Assessment Director -Dose Assessment Staff		ENN Security Radio State RMT Radio (monitor only) Equipped with OPX extension that may be activated if PAX system fails.
NRC (Room 105)		Equipped with OPX extension that may be activated if PAX system fails. NRC HPN
Technical Support/Engineering Area (Room 115) -Engineering & Licensing Support Director -Technical Support Staff		
Radio Chemistry/Counting Room (Rm 117) Environ. Monitoring (Rm 112) Chemical Lab (Rm 114).		

*These phones are already installed.
No setup required.



Legend and Room 106 on next page.

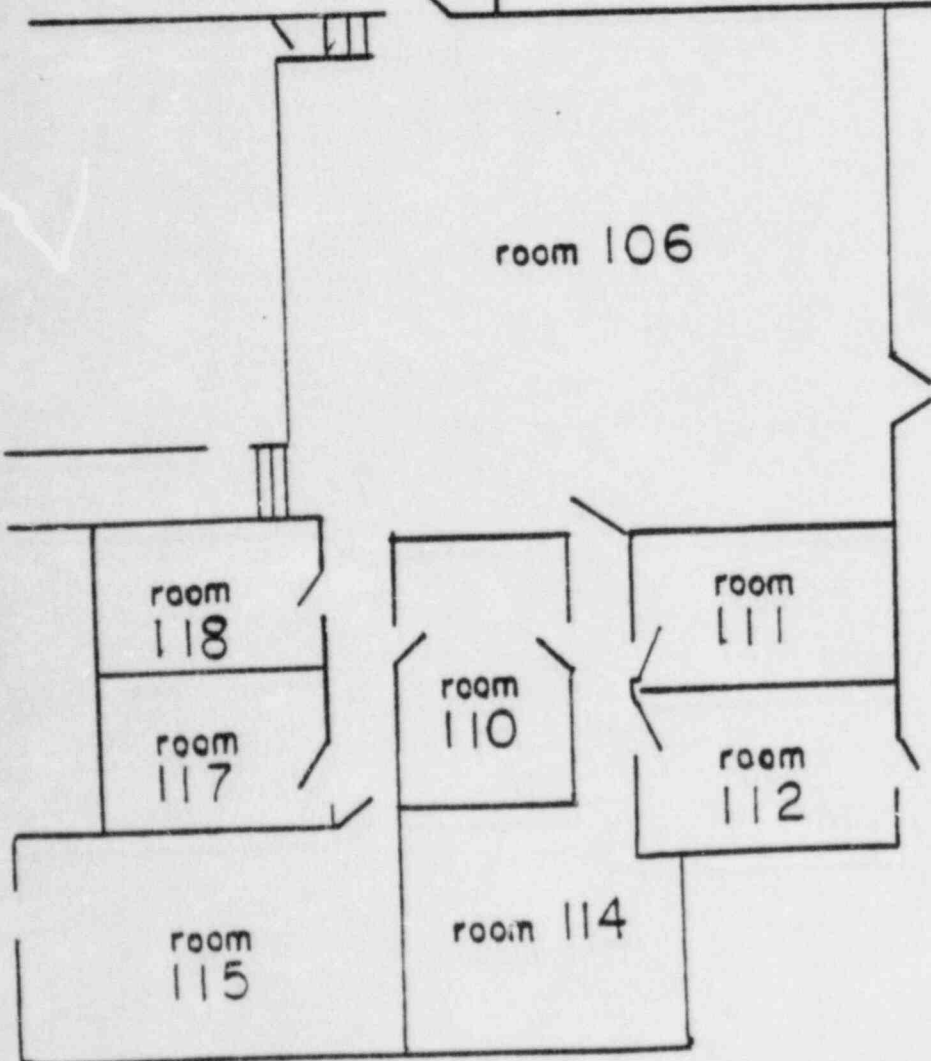
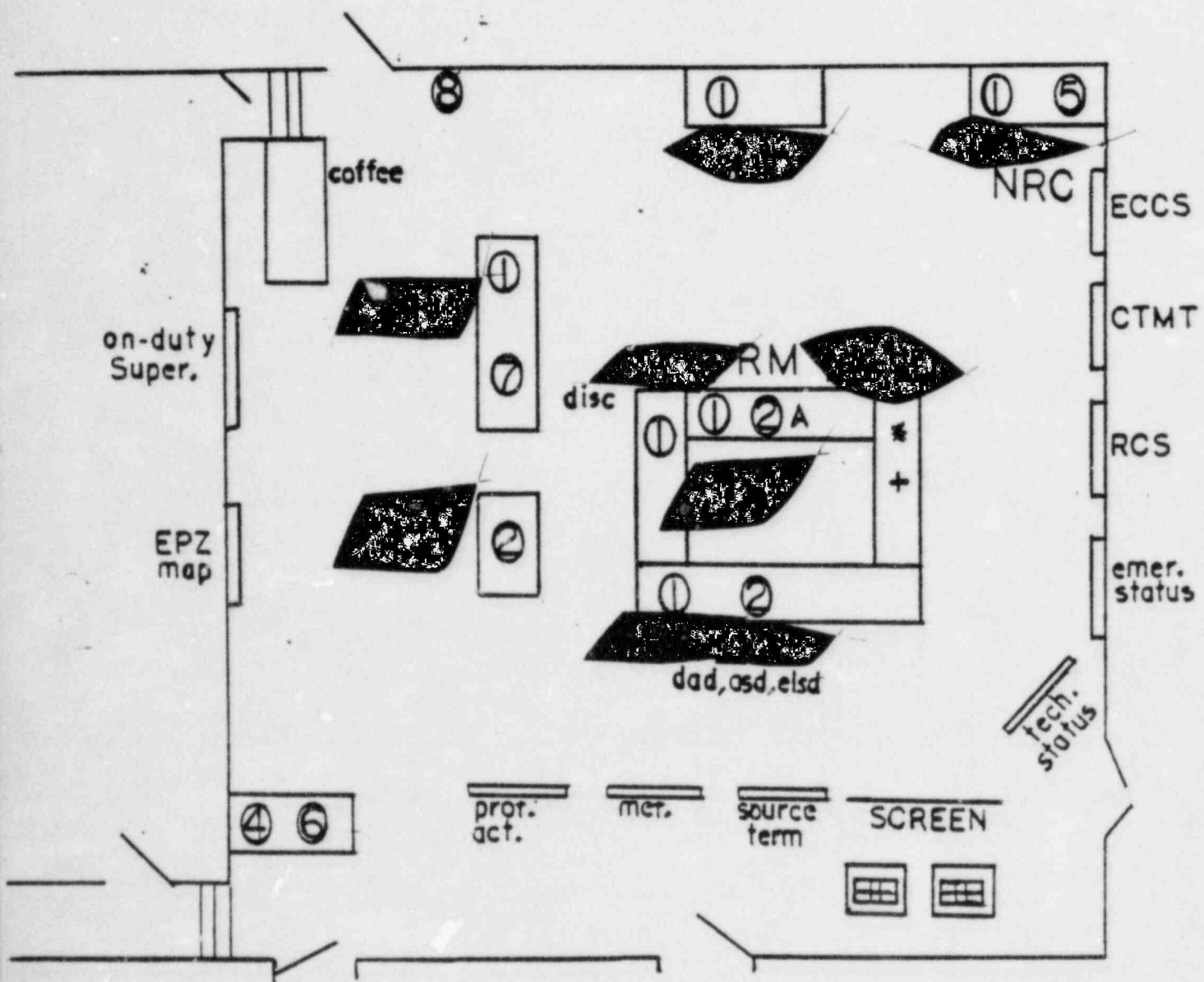


Figure 1

Figure 1 cont.

ROOM 106



- ① PAX
 - ② OPX
 - ③ PAX Wall phone
 - ④ PAX Operators Console
 - ⑤ NRC ENS
 - ⑥ Radios - Security, District, Operations, Division
 - ⑦ Weather Alert Radio
 - ⑧ Giatronics
 - ⑨ NRC HPN
- ⊥ RMT Antenna
- A Automatic dialer
 - * Note taker
 - + Runner

- Lineprinter
- ADMS terminal
- Honeywell terminal
- △ Telecopier
- ▲ Typewriter
- ▨ Transparency Maker
- ⊞ Overhead Projector
- # State RMT radio
- H Hoovie Board p. 2

EOF
KEY LOCKER
DIRECTORY

HOOK #	KEY #	ROOM #
1	Any "D" Key	Main Entrance
2	DE1-13	
3	DE2-6	
4	DE3-12	
5	DE4-4	
6	DA3-40	
7	DA4-6	
8	DA6-3	
9	DC1-4	All nurses station doors.

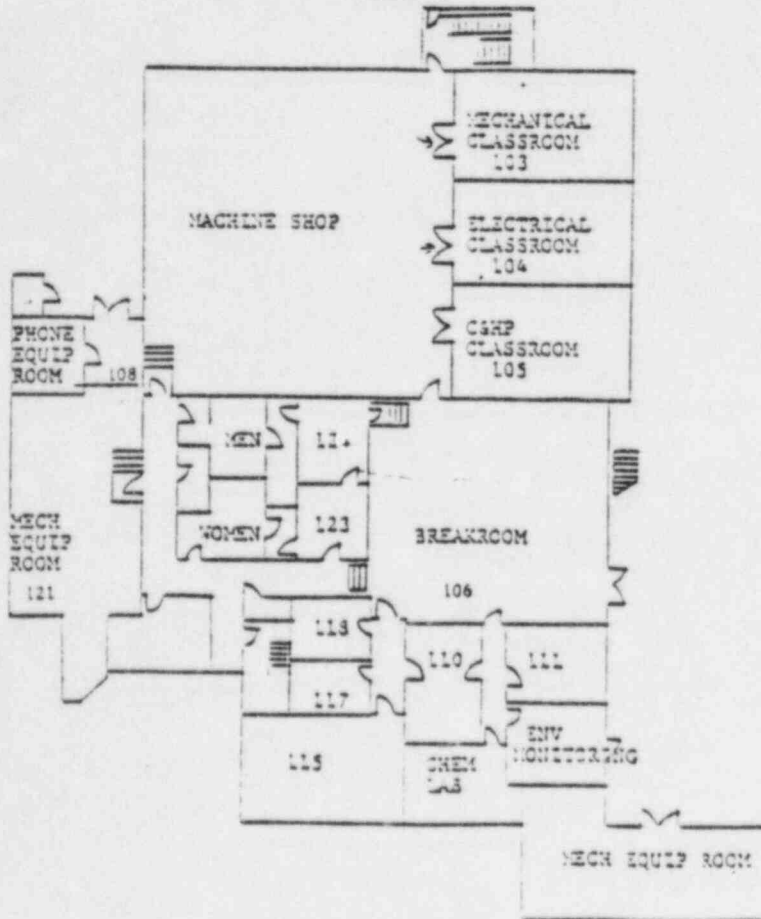


Figure 2

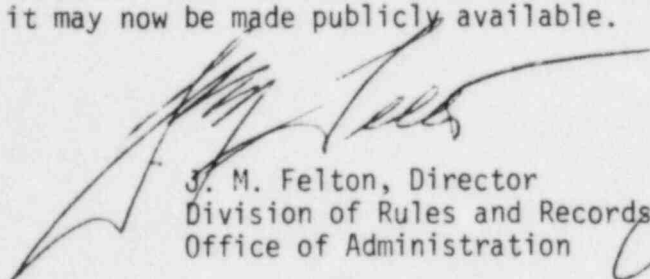
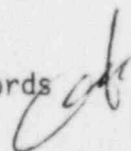


UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
June 25, 1984

50-348/364 Farley

MEMORANDUM FOR: Chief, Document Management Branch, TIDC
FROM: Director, Division of Rules and Records, ADM
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.


J. M. Felton, Director
Division of Rules and Records
Office of Administration 

Attachment: As stated

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION Nbr: ~~84-02010-152~~ Doc. DATE: 84/01/27 NOTARIZED: NO DOCKET #
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 50-364 Joseph M. Farley Nuclear Plant, Unit 2, Alabama Power 05000364
 AUTH. NAME AUTHOR AFFILIATION
 HUDSPETH, J.B. Alabama Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 MCKNIGHT, J. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards Central Files version of revised emergency plan implementing procedures, including Procedures FNP-0-EIP-8 re notification roster, FNP-0-EIP-11 re handling of injured personnel & FNP-0-EIP-6 re technical support.

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Alabama Power Company
J. M. Farley Nuclear Plant
P. O. Drawer 470
Ashford, Alabama 36312
Telephone 205 899-5156



January 27, 1984

Director, Office of Nuclear
Reactor Regulation
ATTN: Document Control Desk c/o Mr. Jim McKnight
USNRC
Washington, DC 20555

Dear Sir:

In accordance with Alabama Power Company Administrative Procedure FNP-0-AP-4, Control of Plant Documents and Records, attached are revisions to Emergency Implementing Procedures (FNP-0-EIP-009 Rev. 14, FNP-0-EIP-026 Rev. 8, FNP-0-EIP-019 Rev. 4, FNP-0-EIP-011 Rev. 8, FNP-0-EIP-008 Rev. 30, FNP-0-EIP-004 Rev. 12, FNP-0-EIP-027 Rev. 2, FNP-0-EIP-006 Rev. 5, FNP-0-EIP-003 Rev. 4 and FNP-0-EIP-010 Rev. 12).

Please incorporate these new revisions into your files and discard the old revisions.

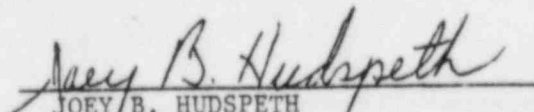
Enclosed is a self addressed stamped envelope and a copy of our transmittal form. Please sign and return this form to the following address:

Alabama Power Company
Farley Nuclear Plant
P. O. Drawer 470
Ashford, AL 36312
ATTN: Document Control Supervisor

If you should have any questions, please call me at (205) 899-5156
Ext. 422.

Sincerely,

~~8402010152 840127~~
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~~CF~~


JOEY B. HUDSPETH
FNP Document Control Supervisor

JBH:br

cc: Larry W. Enfinger
File

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