INTER DEPARTMENT MEMORANDUM

TO Holders Of FNP-O-EIP-008 TOWN

AT FNP DATE 6/12/81

SUBJECT (PROCEDURE CHANGE)

FNP-Ø-EIP-008, REVISION 21 IS A PROCEDURE CHANGE ONLY. WHEN UPDATING YOUR CONTROLLED COPY RETAIN THE PLANT CALL LIST FROM REVISION 20.

THANK you.

SIGNED Jerry B. Hudspeth

VOLUME 14

FNP-0-EIP-10
May 5, 1981
Revision 8

FARLEY NUCLEAR PLANT

EMERGENCY PLAN IMPLEMENTING PROCEDURE

FNP-0-EIP-10

SAFETY RELATED

EVACUATION AND PERSONNEL ACCOUNTABILITY

Approved:

W. S. Hamilton III
Plant Manager

Date Issued: 6-5-81

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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: the Service Building auditorium and maintenance shop; the Switchouse (Figure 1); and the plant road immediately east of the Daniel Construction Company Office complex (Figure 1).

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 and Temporary Access Point (TAP) to the Protected Area 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 at the Primary Access Point and Temporary 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 (for APCo employees) and at the Temporary Access Point (for construction employees) each time they leave the Protected Area.

3.13 Accountability shall be deemed complete upon the reporting of the total number of missing personnel to the Emergency Director. The report must not be delayed as a result of trying to locate the missing personnel.

4.0 Procedure

4.1 Local Evaculation

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

4.2.2 The Operations Supervisor, Health Physics Supervisor, members of the operating crew(s) and on-shift C&HP personnel, if not in the Control Room shall secure the operation in which they are engaged and proceed immediately to the Control Room (southeast corner). The senior individual at the Protected Area OSC shall determine all Operations and C&HP personnel assembled in the OSC and control room and notify the PAP. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate missing personnel.

4.2.3 All APCo construction personnel inside the Protected Area, and all APCo production personnel onsite shall secure equipment which they are operating and shall report to the following assembly areas.

4.2.3.1 Service Building maintenance shop - Maintenance Supervision, all Maintenance personnel and all contractor construction personnel inside the Protected Area.

4.2.3.2 Service Building auditorium - All other personnel

4.2.3.3 CSC Building

All security personnel

4.2.3.4 All DCCA construction personnel (and DCCA subcontractor personnel) inside the Protected Area shall secure the work they are performing, shall exit the Protected Area only at the TAP, and shall report to their designated assembly areas shown in Figure 2.

4.2.4 Visitors on tour of the site (outside the Controlled Area) shall be immediately escorted to the Switchhouse by the APCo tour guide in charge of the group. Visitors will remain at the Switchhouse until released by the Emergency Director. Visitors on tour inside the Controlled Area shall be escorted to the Service Building auditorium.

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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) and Temporary Access Point. Results of the count shall then be reported to the Emergency Director by the senior plant guard at the PAP and TAP. The report shall be made immediately after the number of missing personnel is determined. The report shall not be delayed as a result of trying to locate the missing personnel.

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

4.2.8 Construction personnel

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

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

4.2.8.3 Evacuation & accountability shall proceed as follows:

a. Secure equipment and evacuate their work areas.

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b. Report to their designated assembly areas as shown in Figure 2.

c. Each foreman or other first line supervisor shall be responsible for the accountability of his personnel. He shall report the number of his personnel present and any missing personnel to his general foreman. General foreman shall report the numbers to their superintendent or other designated supervisor. Superintendents shall report the numbers to their department manager. Department managers shall then check the totals for each craft or employee group against the time card numbers. Results of the checks shall be reported by the department managers to the Project Manager. The Project Manager shall report to the APCo Emergency Director.

4.2.9 The Emergency Director shall:

4.2.9.1 Activate teams to search for unaccounted personnel according to FNP-0-EIP-14, "Re-entry Procedures".

4.2.9.2 Evaluate the emergency conditions and direct non-essential personnel to either depart from the site or return to work.

4.2.9.3 Provide for transporation for persons without vehicles.

4.2.9.4 Provide clothing for personnel found to be contaminated.

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

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

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

ONSITE EVACUATION ROUTES
and
SITE ASSEMBLY AREAS

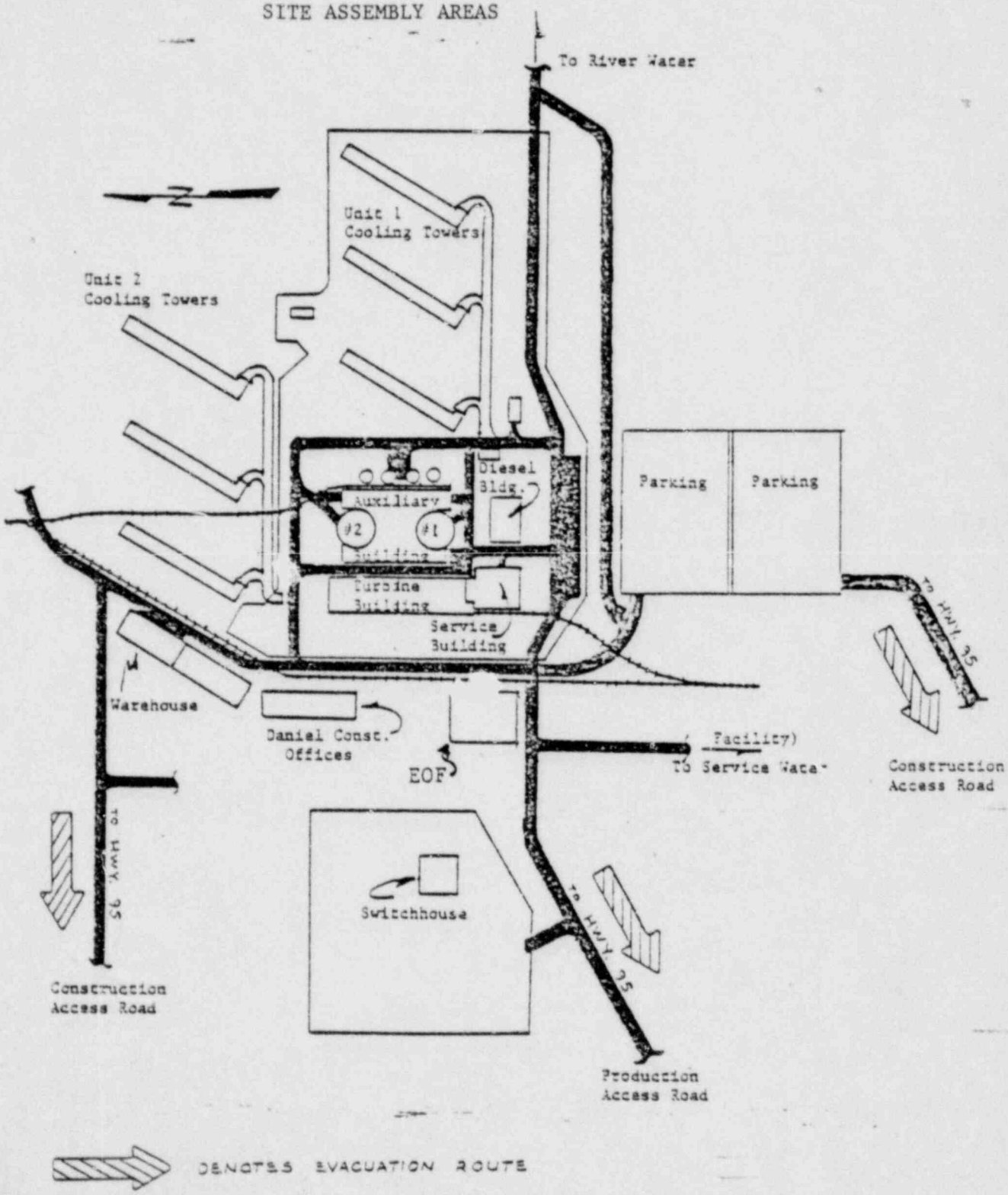

Figure 1

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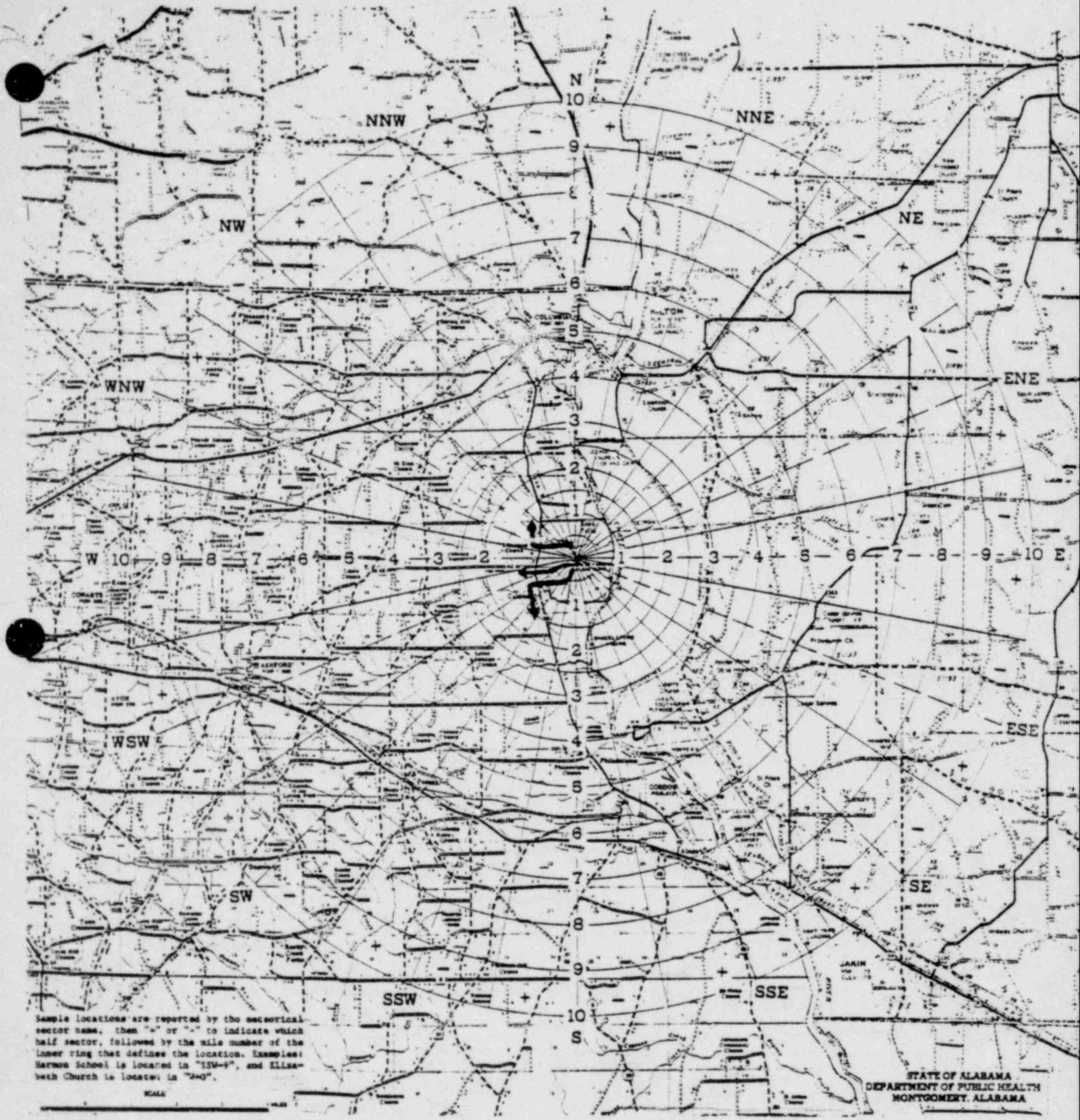

OFFSITE EVACUATION ROUTES

Figure 2

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May 5, 1981
Revision 6

FARLEY NUCLEAR PLANT

EMERGENCY PLAN IMPLEMENTING PROCEDURE

FNP-0-EIP-4

SAFETY RELATED

CHEMISTRY AND HEALTH PHYSICS SUPPORT TO THE EMERGENCY PLAN

Approved:

W. S. Hairston III
Plant Manager

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Date Issued: 6-9-81

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CHEMISTRY AND HEALTH PHYSICS SUPPORT TO THE EMERGENCY PLAN

1.0 Purpose

This procedure delineates the responsibilities of the Chemistry and Health Physics group 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).

3.0 General

3.1 Chemistry 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 All C & HP shift personnel will report to the Southeast corner of the Control Room if the plant emergency alarm is sounded.

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3.3 All C & HP Group administrative personnel shall report to the Service Building auditorium in accordance with EIP-10 in the event of a general evacuation.

4.0 Procedure

4.1 The Health Physics Manager shall:

4.1.1 Ensure C & HP Group accountability per EIP-10.

4.1.2 Dispatch personnel to provide radiological monitoring of personnel at other assembly areas.

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 C & HP personnel as necessary.

4.1.6 Provide the Emergency Director with information concerning plant status and environmental monitoring data and concerning any radiological incident.

4.1.7 Assign available personnel to specific Radiation Monitoring Teams (RMT). Maintain communications with environmental RMT's via the radio located in the Control Alarm Station (CAS).

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/100cm^3, respectively.

b. Outside the RCA when radioactive contamination for personnel and equipment reach 200 and 500 dpm/100cm^3, respectively.

4.1.12 Provide for offsite analysis of radiological samples as appropriate.

4.1.13 If conditions warrant, provide for sampling and analysis of site drinking water for radioactive contamination.

4.1.14 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.

4.1.15 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.

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4.2.7 Post and establish controlled access areas as appropriate.

4.2.8 Report findings to the Technical Support Center (TSC).

4.3 A Radiation Monitoring Team assigned to monitor in the environment (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 (rain suits are available in the storeroom).

4.3.2 Pick up a transceiver, if necessary, located in the Primary Access Point (PAP) Building and proceed to the Environmental Vehicle or other available plant vehicle.

4.3.3 Perform a direct radiation, air particulate, and radioiodine surveys in areas designated by the Emergency Director or Health Physics Manager. Refer to Figures 1 & 2 for predesignated 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 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.

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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 C & HP Supervisor 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.

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RADIATION MONITORING TEAM CHECKLIST: ENVIRONMENTAL

The senior Chemistry & 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:

		Initials
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 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 PAP. Check operability.	_____
E.	Perform surveys and document survey data in log book. Report locations per instructions on Figure 2.	_____
F.	Label all samples with sample time, flow rates, location, date, etc.	_____
G.	Relay pertinent data to TSC.	_____
H.	Maintain two-way radio in the ON position and report data to TSC.	_____
I.	If requested to replace filters at environmental air sampling station, record totalizer reading and insure flow rate is 1½ cubic feet/minute.	_____
K.	If replacing environmental TLD's, record TLD serial number, sector, date and time TLD placed or removed.	_____

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RADIATION MONITORING TEAM CHECKLIST: HOSPITAL

The senior Chemistry & 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:

		Initials
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.	_____

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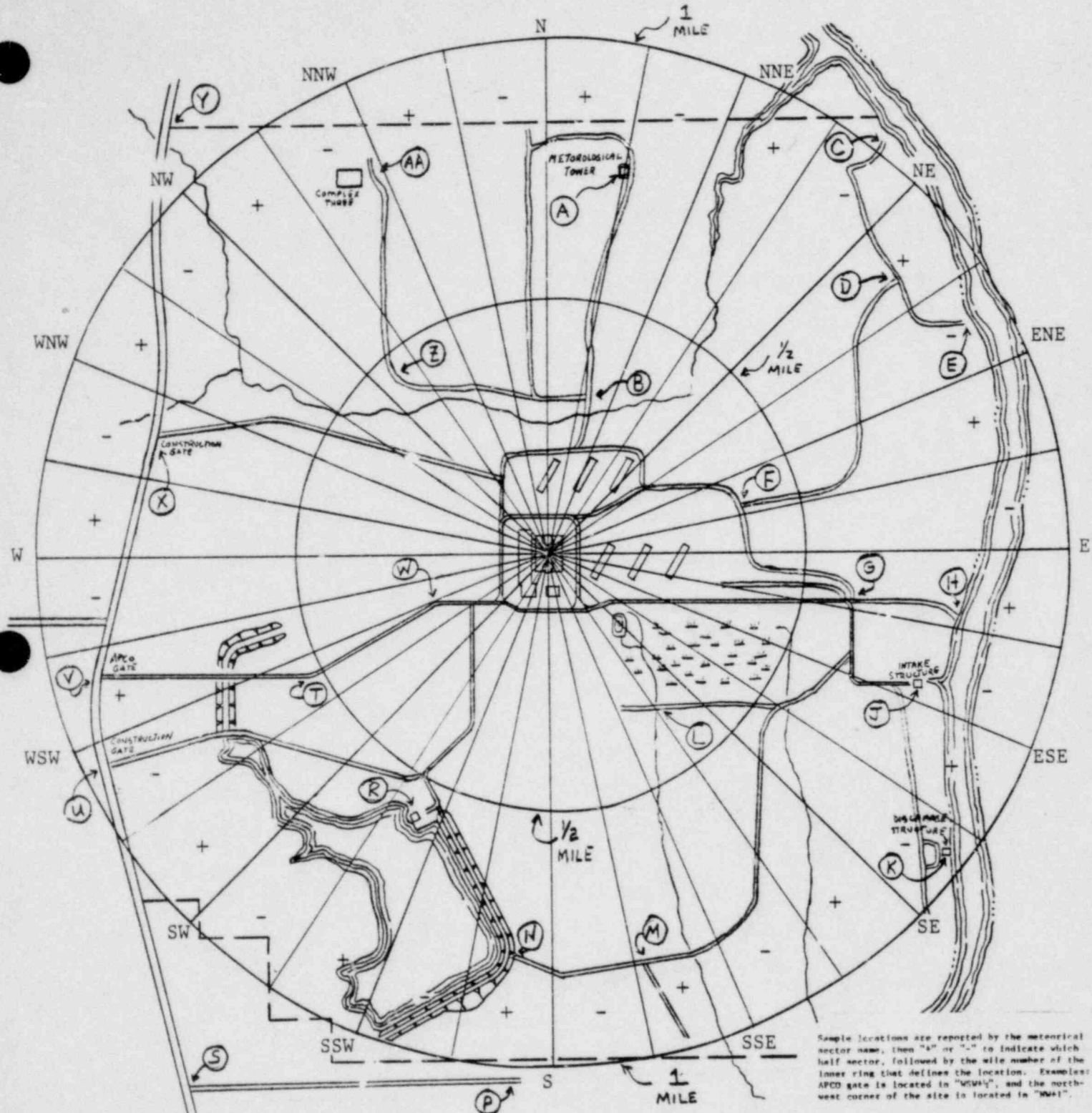

Sample locations are reported by the meteorical sector name, then "+" or "-" to indicate which half sector, followed by the mile number of the inner ring that defines the location. Examples: APCO gate is located in "WSW+½", and the northwest corner of the site is located in "NW+1".

PREDESIGNATED MONITORING POINTS

Point	Location	Description	Point	Location	Description	Point	Location	Description
A	N+½	Met tower	J	ESE-½	Intake Structure	T	WSW-½	Bend of road
B	NNE-0	Road intersection	K	SE-½	Discharge Structure	U	WSW-½	Gate at AL95
C	NE-1	TLD station	L	SE+0	Stream crossing	V	WSW+½	Gate at AL95
D	NE+½	Road intersection	M	SSE+½	Road intersection	W	WSW-0	Bend of road
E	ENE-½	End of road	N	S+½	Pond dam	X	WNW-½	Gate at AL95
F	ENE+0	Road intersection	P	S+1	End of field road	Y	NW+1	North site at AL95
G	E+½	Road intersection	R	SSW+½	Serv. water struct.	Z	NW+0	Bend of road
H	E+½	Barge slip	S	SW-1	Road intersection	AA	NNW-½	Complex Three

Figure 1

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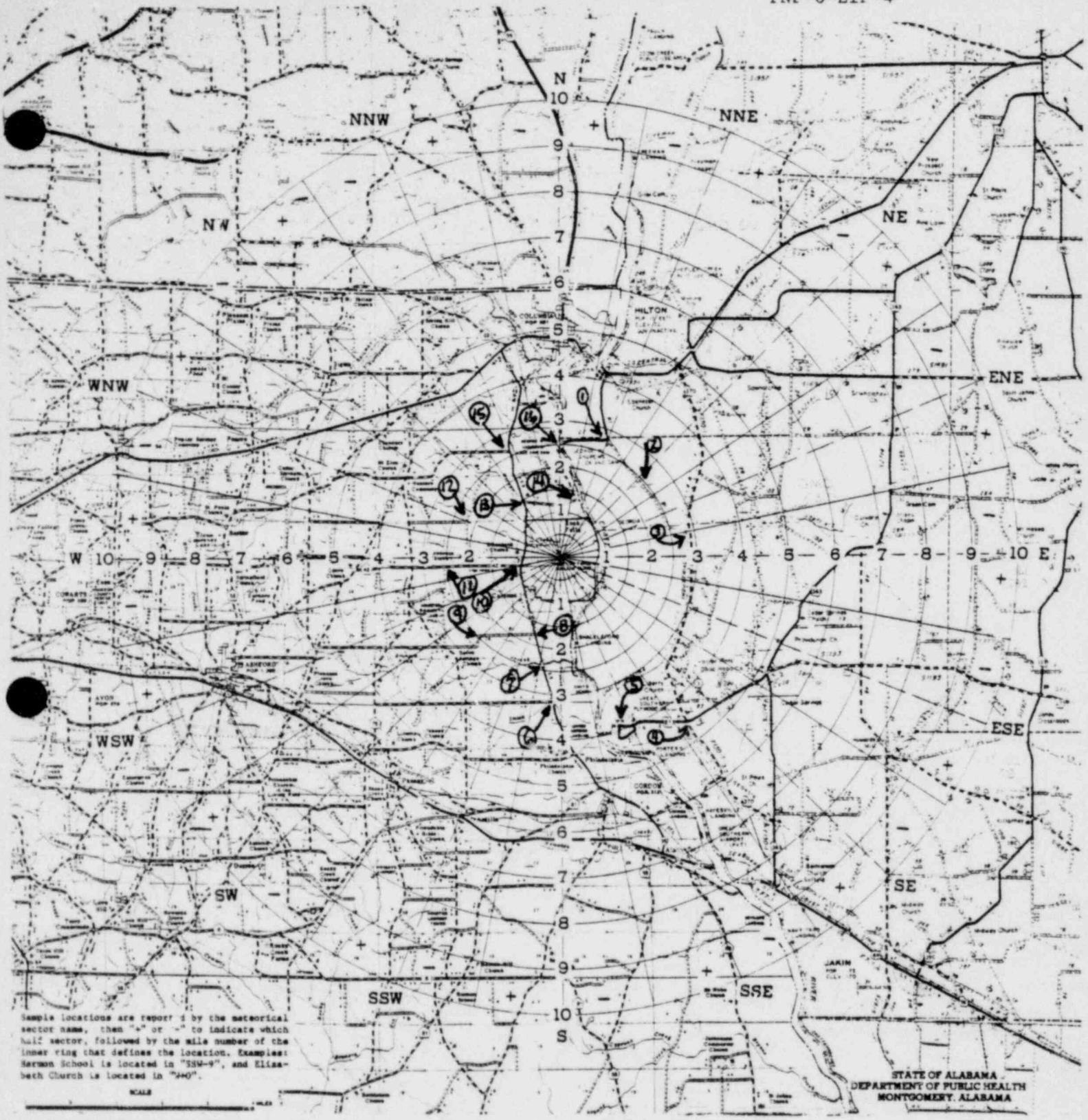

PREDESIGNATED MONITORING POINTS

Point No.	Location	Description	Point No.	Location	Description
1	NNE-1½	Road intersection	9	SW+1½	Bend of road
2	NE+2	Bridge	10	WSW+1	APCO gate at AL95
3	E-1½	Road intersection at GA370	11	W-1½	Road intersection
4	SE+1	Intersection of GA273 & GA370	12	WNW-2	Road intersection
5	SSE+1	Great Southern	13	NNW-1	Road intersection at AL95
6	S+1	Smith Branch at AL95	14	NNE-1	Bend in road
7	S+2	Cedar Creek at AL95	15	NNW-2½	Road intersection at AL95
8	SSW-1½	Road intersection at AL95	16	N-2½	Andrews Dam

Figure 2

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Patient Package Insert For

THYRO-BLOCK™

(POTASSIUM IODIDE)
(pronounced poe-TASS-e-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

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

DOSE

Tablets:	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.

Each 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.
Cranbury, New Jersey 08512

CW—107915—10 79

Issue 10 79

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:

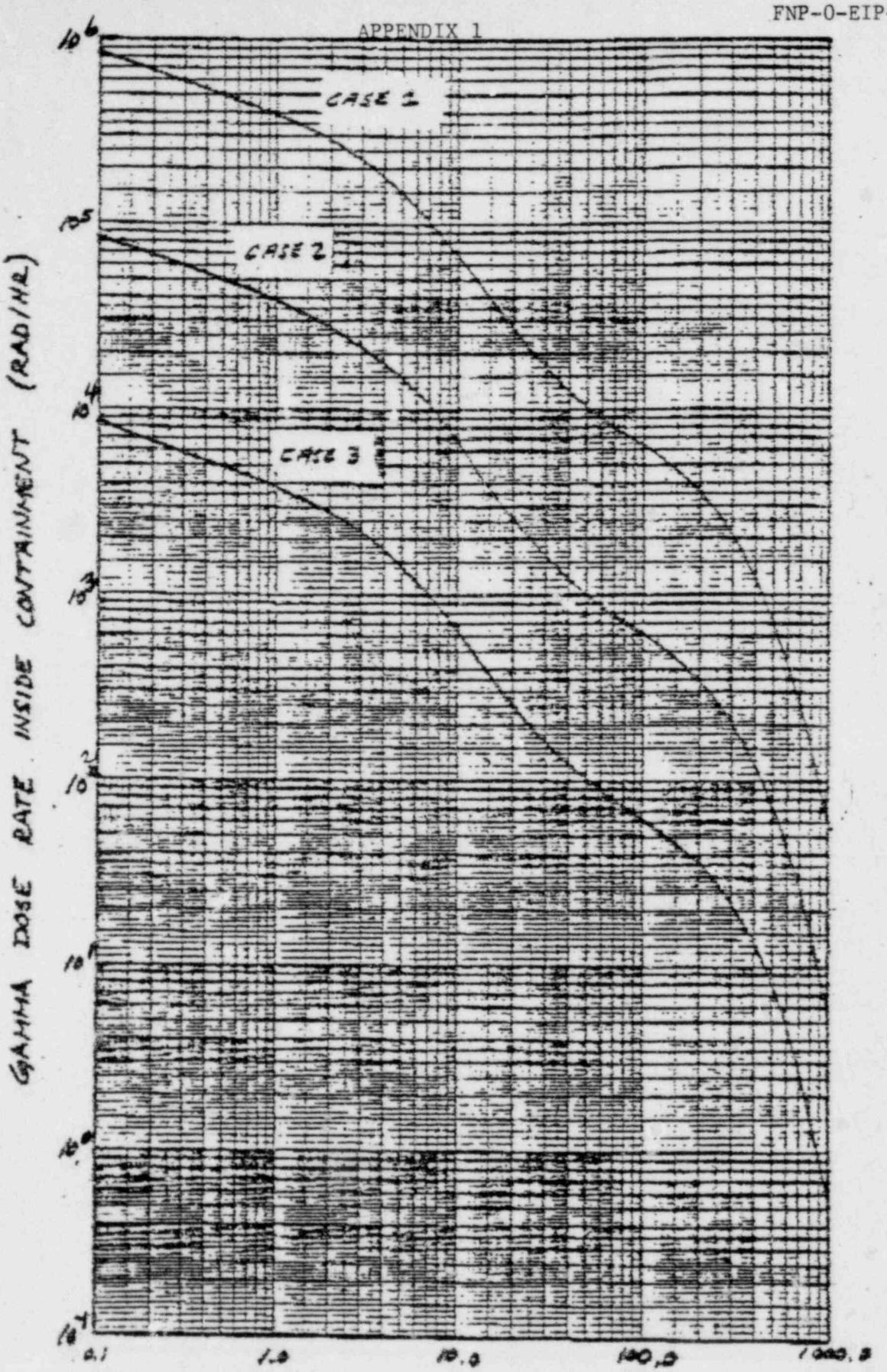
Case 1: 100% Core Melt (100% of noble gas and 25% of iodine core inventory is released into the containment and is available for leakage to the environment.)

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 anlaysis as guidelines for this analysis.)



Gamma Dose Rate in Containment versus Time After Shutdown

VOL. 14

FNP-0-EIP-8
May 11, 1981
Revision 21

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

SAFETY RELATED

NOTIFICATION ROSTER

Approved:

W. B. Hinton III
Plant Manager

Date Issued: 6-9-81

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NOTIFICATION ROSTER

1.0 Purpose

This procedure provides a listing of names and telephone numbers of personnel and organizations who could 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 and Health Physics Supervisor shall be responsible for updating all names and telephone numbers at least quarterly. Offsite agencies will be updated by direct contact. The Plant Call List will be updated three times each year by using the Farley Plant Telephone Listing and once annually through direct verification by all plant personnel. In addition, 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. The Chemistry and Health Physics Supervisor shall also initiate corrective action on discrepancies discovered during communications checks.

3.3 A current copy of the Plant Call List which contains the names, job classifications, addresses, and phone numbers of all permanent plant personnel will be issued with this procedure.

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

3.5 Authentication

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

3.5.2 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 Attachment 1.

4.7 Refer to Table 7, Health Physics Support, for qualified health physics personnel.

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".

4.10 Refer to Appendix 1 for information regarding he use of the Emergency Notification Network.

4.11 Refer to Appendix 2 for Initial Messages to be used in notifying offsite authorities.

4.12 Refer to Appendix 3 for Follow-up Messages to be used in providing additional information to offsite authorities.

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 793-XXXX (pager number) on the Dothan exchange.

2. On any exchange other than the Dothan exchange the pager will be activated by dialing 1-793-XXXX (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

Name and Position	Home phone	Pager Number
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

Service	Organization	Phone
Aeromed. Evac.	U. S. Army Aviation Center	255-6500 255-3827
Ambulance	Daniel Construction Co.-First Aid	899-5171 Ext.
Ambulance	Ambulance Service Co.-Dothan	792-4118 794-4444
Ambulance	A & A Ambulance Co. - Birmingham	324-4505
	Adamsel	674-1400
Fire	Daniel Const. Co. - Fire Brigade	899-5171 Ext. Ext.
	Daniel Const. Co. - Safety Office	899-5171 Ext.
Fire	Dothan Fire Department (794-0800 exchange) Ask for fire dept. Business	911 793-0100 Ask for Ext. 254/ or Central Dispatch 215
Hospital	Southeast Alabama Medical Center Ask for Emergency Room Nurse or Direct line to Emergency Room Nurse or Direct line to Emergency Room Doctor	793-8111 793-8911
Hospital	RCTF University of Alabama Medical Center Ask for Senior Staff Oncologist on call	Page Main Operator 934-4011
	Emergency Department	934-5105
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	(615) 576-3131 (615) 482-2441 Emergency No. Pager beeper
Local Law Enforcement Agencies	Daniel Const. Co. Security	899-5171 Ext.

Service	Organization		Phone
	Dothan City Police	(794-0800 exchange) Emergency 911 Ask for police Business Communication Division	793-0100 Ext.
	Houston Co. Sheriff Dept.	Day Ext. Week-end/Night	793-1114
	FBI - Dothan Office		792-7130
	Ala. Dept. of Public Safety		983-4587
Plant Doctors	Dr. B. R. Byrd		794-3192
	Dr. D. H Pope		794-3192
	Dr. J. H. Suggs		794-3192
	Dr. J. A. Robeson		794-3194
	Dr. W. F. Drewry		794-3194
	Dr. E. Mazyck		794-3192
Weather	Flight Service, U. S. Weather Service, Dothan (AL) Airport		983-3551
	Weather Bureau, Montgomery	(24 hr)	832-7460
	Weather Bureau, Birmingham (Forecasting Station)	(Day Only) (24 hr)	942-1811
	Great Southern Paper Co.	Lab Guard	912-372-5541

TABLE 3
APCO MANAGEMENT NOTIFICATION

EMERGENCY COORDINATOR/RECOVERY MANAGER

Name	APCO Ext.+	Home Phone	Pageboy Code*	Radio Call Unit Number**
R. P. McDonald	8-4-6090			
H. O. Thrash	8-4-6178			
O. D. Kingsley, Jr.	8-4-6189			

RECOVERY SUPPORT DIRECTOR AND STAFF

Name	APCO Ext.+	Home Phone	Pageboy Code*
H. O. Thrash	8-4-6178		
R. P. McDonald	8-4-6090		
O. D. Kingsley, Jr.	8-4-6189		
J. R. Campbell	8-4-6181		
J. G. Sims	8-4-6183		

TECHNICAL SUPPORT DIRECTOR AND [1]STAFF

Name	APCO Ext.+	Home Phone	Pageboy Code*
O. D. Kingsley, Jr.	8-4-6189		
R. L. George	8-4-6194		
[1]W. M. Jackson	8-4-6198		

*To contact individual via beeper call one of the following numbers listed for the Birmingham area.

**To contact individual via car radio on frequency 37.86, call one of the numbers listed for the area in which the individual is located. Give the radio operator the message you wish to be relayed.

Area	APCo Ext.+	Bell Number
Birmingham		252-9115 (ext. ,
Montgomery	(night)	265-2361
Eufaula (Day Only)		687-3521

+Prefixes listed are required when calling on a plant PAX extension.

PUBLIC INFORMATION MANAGER

Name	APCO Ext.+	Home Phone	Pager Number
Neal Wade	8-3658		
Steven E. Bradley	8-2243		

MEDICAL SUPPORT

Name	APCO Ext.+	Home Phone	Ans. Serv.
Dr. C. H. Colvin	8-2028	891-0553(office)	320-3378
Dr. M. Bradley	8-2784	879-0224	320-3360
Dr. T. B. Patton	8-2784	933-7071(office) (home)	320-3361

LEGAL SUPPORT

Name	APCO Ext.	Home Phone
R. A. Buettner	8-88-283	
H. H. Boles	8-88-271	
A. L. Jordan	8-88-292	

SAFETY DEPARTMENT 250-1000
Ext. 2214/2215/2216

EMERGENCY OPERATIONS FACILITY

Location	APCO Ext.	Bell Number	Other
Startup Trailer	427 433 434 456 457 3585 3586	899-5171 X174 (Day Only) X176 (Day Only)	ENN

ALTERNATE TECHNICAL SUPPORT CENTER

Location	APCO Ext.	Bell Number	Other
Control Room	355 437 445	899-5156, 899-5171, X186, X187 (Day Only) X218, 265 (Day Only)	ENN NRC ring down (red phone) NRC HP dial up

+Prefixes listed are required when calling on a plant PAX extension.

OPERATIONS SUPPORT CENTERS

Maintenance Shop	Pax 440
Auditorium	Pax 236
CSC	Pax 438
Control Room	Pax 304
Switchhouse	Pax 321

INSURANCE SUPPORT

Name	APCo Ext.+	Home Phone
Normal Horsley	8-2872	
H. K. Travis	8-2881	

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

+Prefixes listed are required when calling on a plant PAX extension.

TABLE 4
STATE NOTIFICATION

Organization	Name	Phone
STATE OF ALABAMA	During normal office hours	832-5990/5991,5992/ 5993
Dept. of Public Health	(week days 8:00 AM - 5:00PM)	
	At all other times notify one of the following:	
	Aubrey V. Godwin	
	K. E. Whatley	
	Archie Patterson	
	James L. McNees	
	William T. Willis	
	If above unavailable, call Ask operator to page No.	

The Local Agencies should be notified in case the Alabama Division of Radiological Health cannot be contacted within 10 minutes and a General Emergency has been declared. Use the Emergency Notification Network if operable, otherwise call the numbers listed below.

County	Director	Phone
Houston County, AL Civil Defense	J. W. Aldridge	794-9720 793-1114, Ext. 240
	Radiological Personnel Hotline	
	Operations (Local)	
	(State)	
	(State)	
	or Karen Gilley	
	or Brenda Dunning	
Blakely-Early County, GA	Civil Defense	
	Ray Garrett	
	No answer	
	Early Co. Ambulance Service	(912)723-4343
	Early Memorial Hospital	(912)723-4241
	Georgia Forestry	(912)723-3513
	Early Co. Jail	(912)723-3577

*Denotes home phone

Organization		Phone
+STATE OF FLORIDA		
West Area Coordinator	- Robert R. Smith Defuniak Springs	
State Warning Point Tallahassee	Duty Warning Officer Emergency Number	
Alternate Warning Point Tallahassee	Duty Comm., Teletype Operator	
Division of Health Orlando	Wallace Johnson	
	Jearold C. Eakins	
	Jere B. Dumas	
	Daniel W. Thoss	
	Pete Bailey	
Tallahassee DHRS -	Lyle Jarrett	
	Ulray Clark	
Jacksonville	John P. Lanham	

Organization — Phone

‡STATE OF GEORGIA

24 Hour No.

If you are unable to reach this number - contact a member of the Environmental Protection Division - Environmental Radiation Program directly by starting at the top of this list and calling each number until you get a positive response. Always give your name and telephone number when calling.

Contact	Office Phone	Home Phone
Bill Cline	404/656-6905	
Clifford Blackman	404/656-6905	
Susan Adamovitz	404/894-2375	
Alphonsa Gooden	404/656-6905	
Clark Reynolds	404/656-6300	
Jim Setser	404/656-6905	

If you are unable to reach any of the above numbers, contact Georgia Civil Defense at the following 24-hour number:

‡Normal notification is through the State of Alabama, Department of Public Health.

TABLE 5
REGULATORY NOTIFICATION OR ASSISTANCE

Organization	Name	Phone
Nuclear Regulatory Commission, Region II	Office of Inspection and Enforcement 101 Marietta St. N.W. Suite 3100 Atlanta, Georgia 30303	(404)221-4503 (404)221-4504
	VIA Health Physics Network	23
	Paul Kellogg Chief, Reactor Projects, Section II	(404)221-5581
	R. D. Martin Deputy Director	(404)221-5610
	Western Union Telegraph	1-800-257-2241
Savannah River Operations Office	Duty Officer	(803)725-3333/ 2117 2729
NRC Headquarters, Bethesda, MD	Full Time Operator Public Affairs	(301)492-7000 or (301)492-7715
	VIA Health Physics Network	22
NRC On-Site Inspector	William H. Bradford	899-3386 (home) PAX 480

*Home Phone

TABLE 6
SUPPORT GROUPS

Organization	Name	Phone	
American Nuclear Insurers (NEL-PIA)	(24 hrs)		and
	(office hours)	(203)677-7715	
	(office hours)	(203)677-7308	
Applied Physical Technology		(404)434-9889	
	North Office	(404)434-9916	
	Dr. Dave Walker	*	
	Bob Hearn	*(	
Institute of Nuclear Power Operations (Switchboard)		(404)953-3600	
Duty Officer (Emergency)			
Emergency Telecopier			
Nuclear Mutual Limited (NML)		(212)997-5771	(New York, day)
			(New York, night)
	Mr. John Hoffman		
			(day)
			(night)
Oak Ridge Nat. Lab (Request through State of Alabama)		(615)525-7885	
University of Georgia		(404)542-5579	(404)542-1395
			(Campus Police)
		Have police contact one of the following:	
		Dr. John Noakes	
		Jim Spaulding	
Southern Company** Services, Inc.	J. R. Crane (Dept. Mgr)	870-6681	

*Home phone.

**To call on PAX phone dial access codes as appropriate plus 8-6 and last four digits of the 870 number

Organization	Name	Phone
Southern Company ** Services. Inc.	J. B. Ford (Civil & Arch. P.E.)	870-6693
	W. R. Hill (Proj. Support Mgr)	870-6364
	D. E. Kendrick (Mech. P.E.)	870-6397
	F. D. Kuester (Sr. Eng.)	877-7405
	H. H. Stone (Elec. P.E.)	870-6248

*Home Phone

**To call on PAX phone dial access codes as appropriate plus 8-6 and last four digits of the 870 number

Orgsnization	Name	Phone
Westinghouse See Attachment for Event Date Checklist	George Griffiths	(404)885-5900 * ***
	Dave Richards	(404)885-5901 * ***
	Bob Meyer	(404)885-5906 * ***
	Joe Leblang	(412)256-7783 * ***
	Frank Noon	(412)256-7844 * ***
	Hank Ruppel	(412)256-5611 * ***
	Ron Lehr	(412)256-5401 * ***
	Mike Mangan	(412)373-4328 * ***
Westinghouse Farley Site Manager	Rod Baulig	899-5171 Ext. 180 (Home) (Pager)

*Home Phone

**Home Hot Line - off hours emergency phone is a dedicated line and is NOT equipped with recording and automatic forwarding features.

TABLE 7
HEALTH PHYSICS SUPPORT

Name and Position	Phone
Nesbitt, C. D. C&HP Supervisor	
Mitchell, M. W. C&HP Sector Supervisor	
Farnsworth, P. E. Shift Support Supervisor	
Patton, B. P. C&HP Foreman	
Robinson, E. R. C&HP Foreman	
Walden, J. M. Radwaste Supervisor	
Gripentog, W. G. C&HP Sector Supervisor	
Graves, O. M. C&HP Foreman	
Hostetter, D. A. C&HF Foreman	
Bacon, W. F. Plant Instructor	
Maddox, N. M. C&HP Foreman	
Bayne, W. R. Plant Chemist	
Woodard, J. D. Assistant Plant Manager	

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 793-XXXX (pager number) on the Dothan exchange.

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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.

Name and Position	Home phone	Pager Number
Operations Manager		
1. R. D. Hill		
2. J. E. Odom		
3. T. H. Esteve		
Maintenance Manager		
1. W. B. Shipman		
2. H. R. Garland		
3. J. J. Thomas		
Technical Manager		
1. K. W. McCracken		
2. R. G. Berryhill		
3. R. D. Rogers		
Health Physics Manager		
1. C. D. Nesbitt		
2. M. W. Mitchell		
3. J. M. Walden		
SAER Supervisor		
1. W. C. Carr		
2. J. W. Kale		

TABLE 9

OIL SPILL NOTIFICATIONS

Organization	Name		Phone
U.S. Coast Guard National Response Center			(800)424-8802
Alabama Water Improvement Commission		(office)	277-3630
	John Williford Charles Horn James Warr		
Environmental & Research Services	Steve Jones		OPX 4-6210 *
	Charles Biddinger		OPX 4-6207 *
Environmental Protection Agency	A. J. Smith	(office)	(404)881-3931
	R. D. Stonebraker	(24 hr)	(
	George Moeir Allen Bartlett Ray Wilkerson Jim Rogers Fred Stroud Warren Dixon Charles McPherson Edward Hatcher		
Albany Waste Oil	Thomas Davis		(912)336-0420
Great Southern Paper Co.	Darrel Smith G. E. Rathel		(912)372-5313
Tenneco Oil Co.	Cleo Savelle		(912)723-3631
		(after hours)	(

*Home Phone

WESTINGHOUSE

INFORMATION

From: Farley Unit ____ Date: _____

Taken By: _____ Time: _____

EVENT DATA CHECKLIST

_____ 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

		LOOP A	LOOP B	LOOP C
11.	Wide Range T_h (°F)	_____	_____	_____
12.	Wide Range T_c (°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: _____

_____

_____

ALABAMA POWER COMPANY

NUCLEAR GENERATION SECTION-DIRECTIVE

NGS-D1, EMERGENCY NOTIFICATION NETWORK

Effective Date September 17, 1980

Approved _____
General Manager Nuclear Generation

1.0 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 (Temporary Location)
APCO Company Control Center
Alabama Department of Radiological Health*
Alabama Department of Civil Defense*
Alabama Department of Public Safety*
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 meterological 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 on the line or note any unit not 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.

APPENDIX 2

INITIAL MESSAGE

This is _____, the Emergency Director at Farley Nuclear Plant.
(Name)

1. This is to inform you that an emergency classified as:

   ( ) Notification of Unusual Event
   ( ) Alert
   ( ) Site Emergency
   ( ) General Emergency

   has occurred involving Unit(s) _____.

2. ( ) A release is not in progress.
   ( ) A release may be in progress.
   ( ) A liquid release is in progress.
   ( ) An atmospheric release is in progress.

3. Atmospheric

   Release Point _____

   Wind direction 35': (from) _____ °; (to) _____ °
   Wind direction 150': (from) _____ °; (to) _____ °
   Wind speed 35': _____ mph ÷ 2 _____ meter/sec
   Wind speed 150': _____ mph ÷ 2 _____ meter/sec

   Liquid

   Release Point _____
   Magnitude _____

4. On-site situation (circle):

   a. Evacuation of on-site personnel: Yes No Some

   b. Recommended protective actions: None Shelter Evacuate

   c. Assistance needed: Fire Police Ambulance Other

   d. Prognosis of situation: Terminated Stable Worsening Other

Further information will be transmitted as soon as it is available.

APPENDIX 3

FOLLOW-UP MESSAGE

1. This is _____ _____ at Farley Nuclear Plant.
   Name/Title

2. An incident occurred at _____(time) on _____(date).

3. The incident was classified as (circle):

   a. Notification of Unusual Event

   b. Alert

   c. Site

   d. General

4. Type of release (circle):

   a. Airborne

   b. Waterborne

   c. Surface Spill

5. Estimated duration/impact times of release: _____

   _____

6. Estimated quantity of release: _____

   _____

7. Height of release (circle):

   a. Ground elevation, EL 155

   b. Ventstack, EL 299

8. Description of released material (chemical & physical form, estimate of relative quantities of noble gases, particulating and iodines.)

   _____

   _____

9. Meterological conditions (heights given with respect to base at EL 182):

   a. Wind speed @ 35': _____ mph ÷ 2 = _____ meter/sec

   b. Wind speed @ 150': _____ mph ÷ 2 = _____ meter/sec

   c. Wind direction @ 35': _____ degrees (from which wind is blowing)

   d. Downwind direction @ 35': _____ degrees (to which wind is blowing)

   e. Wind direction @ 150': _____ degrees (from which wind is blowing)

   f. Downwind direction @ 150': _____ degrees (to which wind is blowing)

   g. ΔT between 35' and 200': _____ degrees F

   h. Stability classification (check):

( )	A:	$<-1.74^0$F		
( )	B:	-1.74	to	-1.56^0F
( )	C:	-1.56	to	-1.38^0F
( )	D:	-1.38	to	-0.46^0F
( )	E:	-0.46	to	1.38^0F
( )	F:	1.38	to	3.6^0F
( )	G:	$>3.6^0$F		

   i. Form of precipitation: _____

10. Dose rates at site boundary (circle):

    Actual Projected Value: _____ mrem/hr

	Miles	2	5	10
	Meters	3,226	8,065	16,130
11. Projected dose rates at:		_____	_____	_____
Projected integrated dose at:		_____	_____	_____

12. Estimate of resulting offsite surface radioactive contamination: _____

    _____

13. Emergency response actions underway: _____

    _____

    _____

14. Recommended emergency actions/protective measures (circle):

    None Shelter Evacuation

    Other _____

15. Request for needed onsite support by offsite authorities: _____

_____

16. Prognosis of situation (circle):

Terminated Stable Worsening Other _____

Prepared by: _____ / _____
Name/Title

Date/Time: _____ / _____

Followup information provided to:

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____

Name _____ Org _____ Date/Time _____ / _____