

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

Date: October 31, 2003



Director, Office of NRC
US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Attention: Mr. Jim McKnight

Dear Sir:

ATTACHED YOU WILL FIND THE NEW REVISIONS FOR THE FOLLOWING PROCEDURES
FOR FARLEY NUCLEAR PLANT.

FNP-0-EIP-4.0 REVISION 32
FNP-0-EIP-8.3 REVISION 9
FNP-0-EIP-14.0 REVISION 19
FNP-0-EIP-16 REVISION 42

PLEASE REPLACE YOUR COPIES WITH THE ATTACHED REVISED COPIES.
IF YOU HAVE ANY QUESTIONS, PLEASE CALL ME AT 334-988-5256 EXTENSION 3439.

Sincerely,

A handwritten signature in black ink that reads "Joey Hudspeth". The signature is written in a cursive, flowing style.

Joey Hudspeth
Document Control Supervisor

JBH:llb
RTYPE: A4.54

A 045

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FNP-0-EIP-4.0
October 16, 2003
Version 32

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-4.0

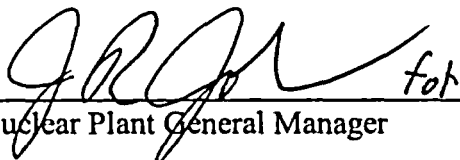
HEALTH PHYSICS SUPPORT TO THE EMERGENCY PLAN

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PROCEDURE USAGE REQUIREMENTS PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	ALL
Information Use	

Approved:


Nuclear Plant General Manager




Date Issued 10-30-03

List of Effective Pages

<u>Procedure Contains</u>	<u>Number of Pages</u>
Table of Contents	2
Body	2
Appendix 1	3
Appendix 2	2
Appendix 3	6
Appendix 4	5
Appendix 5	1
Appendix 6	1
Guideline 1	3
Guideline 2	1
Guideline 3	3
Guideline 4	2
Guideline 5	4
Table 1	1
Table 2	1
Figure 1	1
Figure 2	1
Figure 3	3
Figure 4	1
Figure 5	1
Figure 6	1
Figure 7	1
Figure 8	2
Figure 9	2
Figure 10	1

HEALTH PHYSICS SUPPORT TO THE EMERGENCY PLAN**TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	Responsibilities of the Health Physics Supervisor	1
4.0	HP Technicians Assigned to Monitor in the Plant or at Assembly Areas	2
5.0	Field Monitoring Team(s) Assigned to Monitor in the Environment	2
6.0	Health Physics Personnel Assigned to Monitor at a Hospital	2
7.0	The FMT Communicator	2
Appendix 1	Operation of FMT Southern Linc Radios	
Appendix 2	Kenwood Radios (Trunking Format)	
Appendix 3	Travel Instructions to Environmental TLD Monitoring Stations	
Appendix 4	Sampling Forage, Soil, Water and Air	
Appendix 5	Field Monitoring Team Survey Data Summary Log	
Appendix 6	Reentry Individual Exposure Record	
Guideline 1	Health Physics Supervisor Guideline	
Guideline 2	In Plant/Assembly Area Monitoring HP Technician Guideline	
Guideline 3	Field Monitoring Team Guideline	
Guideline 4	Hospital Health Physics Support Guideline	
Guideline 5	FMT Communicator Guideline	
Table 1	References	
Table 2	FMT Designated Vehicles	

TABLE OF CONTENTS

Figure 1	On-Site Predesignated Monitoring Points
Figure 2	Off-Site Predesignated Monitoring Points
Figure 3	"Thyro-Block" Potassium Iodide Information
Figure 4	Environmental FMT Data Sheet
Figure 5	Indicator Sampling Locations for Airborne Environmental Radioactivity in the Farley Nuclear Plant Area
Figure 6	Community (Indicator II) Monitoring Locations for Direct Radiation in the Farley Nuclear Plant Area
Figure 7	Control Sampling Locations for Airborne Environmental Radioactivity in the Farley Nuclear Plant Area
Figure 8	Air Monitoring Station Dust Filter Changeout Check List
Figure 9	Southeast Alabama Medical Center
Figure 10	FMT Designated Portable Generator

HEALTH PHYSICS SUPPORT TO THE EMERGENCY PLAN

1.0 Purpose

This procedure delineates the responsibilities of the Health Physics group for emergency preparedness and during emergency conditions.

2.0 References

See Table 1

3.0 Responsibilities of the Health Physics Supervisor:

3.1 Report to the TSC or location directed by the Emergency Director (ED) or the Engineering Supervisor.

3.2 Perform the actions listed in the Health Physics Supervisor Guideline (Guideline 1).

CAUTION: SOME PERSONNEL MAY HAVE A POTENTIALLY SERIOUS ALLERGIC REACTION TO USE OF POTASSIUM IODIDE. SEE FIGURE 3 FOR SPECIFIC INSTRUCTIONS PRIOR TO ISSUING.

NOTE: IF POTASSIUM IODIDE IS ADMINISTERED LATER THAN FOUR HOURS AFTER AN INDIVIDUAL HAS SUFFERED AN ACUTE INGESTION OR INHALATION OF RADIO IODINE, ITS EFFECTIVENESS AS A THYROID BLOCKING AGENT IS LESS THAN 50 PERCENT. (IEN 88-15).

NOTE: A CONSERVATIVE ESTIMATE OF THYROID DOSE CAN BE MADE BY ASSUMING 25 mrem TO THE THYROID PER EACH DAC-HR ACCUMULATED. ONE DAC OF I-131 IS 2×10^{-8} $\mu\text{Ci/ml}$.

3.3 If a person is to be exposed to airborne radioactive iodine such that he would exceed 2000 DAC-hrs, consider issuing potassium iodide as a thyroid blocking agent. Instructions and considerations for use are listed in Figure 3. Radioiodine accumulation in the thyroid can be reduced to less than 10 percent of what it would be without a blocking agent by daily oral intake of 130 milligrams for adults and 65 milligrams for infants, provided that Potassium Iodine is started before or immediately after the exposure to the radioiodine and treatment continues for at least 48 hours beyond the time of the last exposure. Treatment beyond 48 hours should be referred to the medical department.

- 3.4 Consider self contained breathing apparatus (SCBAs) and full face respirators with iodine canisters to minimize thyroid dose in the plant, if deemed to be ALARA. Such consideration should take into account the effect on both internal and external dose, or Total Effective Dose Equivalent (TEDE). 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 humans can live without a thyroid, no upper limit is placed on a thyroid dose for life saving activities.
- 4.0 HP Technicians assigned to monitor in the plant or at assembly areas shall:
- 4.1 Comply with the instructions of the HP Supervisor or the Dose Assessment Supervisor.
- 4.2 Perform the actions listed in applicable portions of the IN PLANT/ASSEMBLY AREA MONITORING HP TECHNICIAN GUIDELINE. (Guideline 2)
- 5.0 Field Monitoring Team(s) assigned to monitor in the environment (onsite and offsite) shall:
- 5.1 FMT 1 team leader is to report to the TSC and coordinate with the TSC staff to provide a second rad worker who is respirator qualified for the FMT.
- 5.2 FMT 2 and 3 team leaders are to report to the Training Center (TC) and coordinate with the TSC or EOF staff to provide a second rad worker who is respirator qualified for each FMT.
- 5.3 Perform the actions listed in the Field Monitoring Team Guideline (Guideline 3).
- 6.0 Health Physics Personnel assigned to monitor at a hospital shall:
- 6.1 Report to the designated hospital or other location as required.
- 6.2 Perform the actions listed in the Hospital Health Physics Support Guideline (Guideline 4).
- 7.0 The FMT Communicator shall:
- 7.1 The on-shift FMT Communicator shall report to the TSC or location directed by the Emergency Director (ED) or the Engineering Supervisor.
- 7.2 The on-call FMT Communicator shall report to the Training Center or location directed by the EOF Manager.
- 7.3 Perform the actions listed in the FMT Communicator Guideline (Guideline 5).

OPERATION OF FMT SOUTHERN LINC RADIOS

1.0 Operation Of FMT Communicator Base Stations

- 1.1 General operating instructions for the base station radios in room 118 of the Training Center and the document room of the TSC are included in FNP-0-EIP-8.3.
- 1.2 The talk group programmed into the FMT radios is talk group 3, identified on the base stations as FEP RMT.
- 1.3 Normal communications with the FMTs should be made using the FEP RMT group 3 talk group. This will allow all FMTs to hear all conversations. Note: Portable southern linc FMT radio display is T3 for talk group 3.
- 1.4 Private calls can be made to individual radios if it is desired to communicate to only one FMT. The name and number of the portable FMT radios are listed below:

FNP FMT 1	1321
FNP FMT 2	1322
FNP FMT 3	1323
FNP FMT SPARE	1324
FNP VEHICLE	1325

- 1.5 There is no telephone capability available for the portable FMT radios.

2.0 Operation of Portable FMT Radios.

- 2.1 FNP FMT 2 - 1322, FNP FMT 3 - 1323, and FNP FMT SPARE - 1324 portable FMT radios are stored in room 118 of the Training Center.
- 2.2 FNP FMT 1 - 1321 and FNP VEHICLE - 1325 portable FMT radios are stored in the fire cabinet in lower level security.
- 2.3 There are no batteries associated with the portable FMT radios. They must be powered from the cigarette lighter or other auxiliary power source of the vehicle used for the FMT.
- 2.4 Mount the magnetic mount antenna on the roof of the vehicle and route the cable into the vehicle it is permissible to have the door shut on the antenna cable.
- 2.5 After plugging the radio into the power source, turn the radio on by pushing and holding the ON/OFF button on the inside of the volume knob, above the

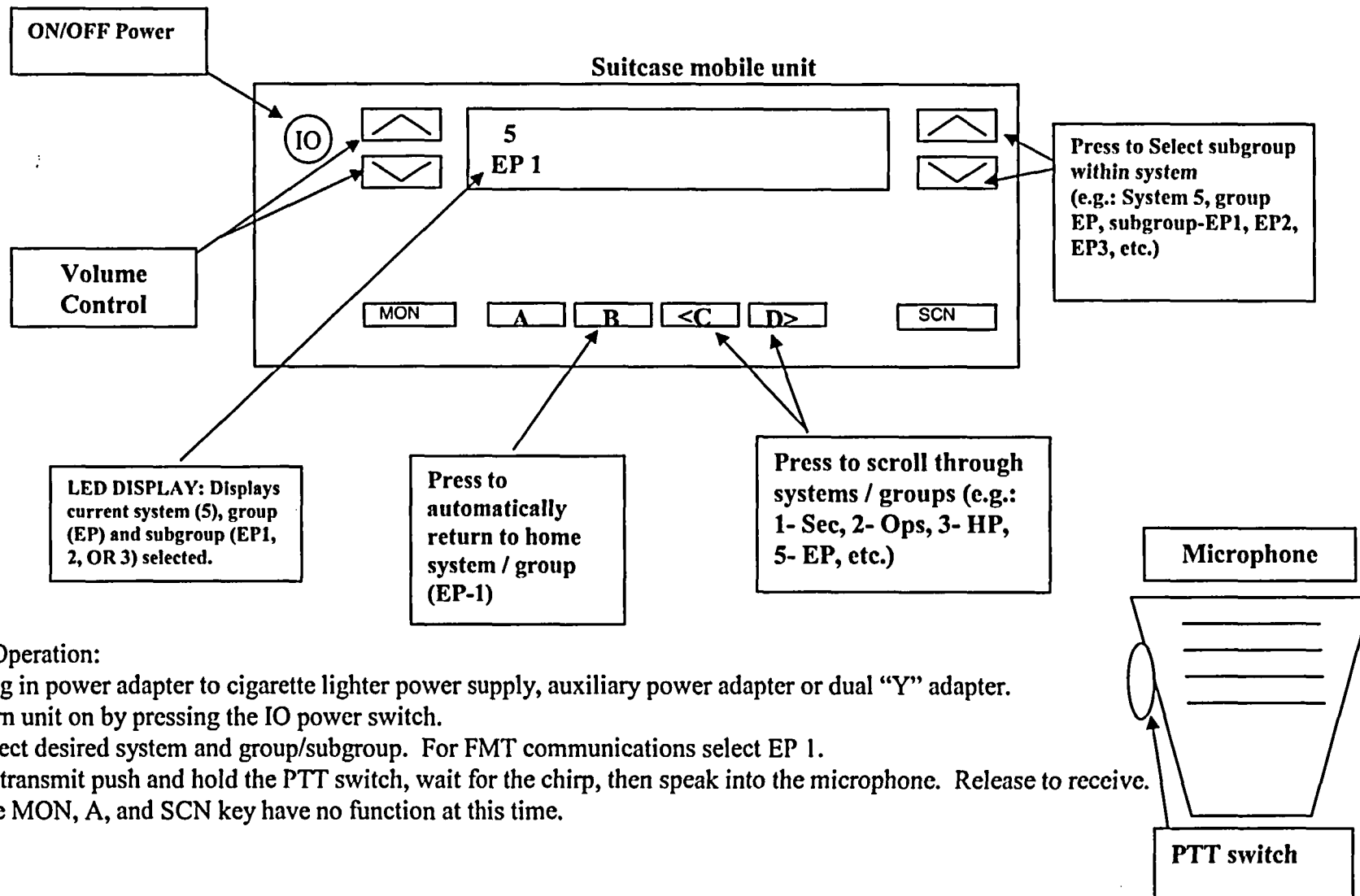
microphone connection. The button should be held until a red light comes in the display. This may take up to 15 seconds. If the light does not come on check connections and try again. It can take up to 30 additional seconds for the radio to finish its startup checks.

- 2.6 Verify that the radio displays T3. This is talk group 3, the FMT talk group. If talk groups are not displayed push the PRVT push button until T with a number behind it is displayed. If necessary push the TG up or down push buttons until T3 is displayed.
- 2.7 If the arrow above the Wide pushbutton is not displayed push the WIDE pushbutton until the arrow is displayed.
- 2.8 No action is required to receive a group call as long as you are not currently involved with a private call or have not acknowledged a call alert. The radio will automatically switch to the group mode for T3, if it was in any other mode. Adjust the speaker volume with the volume control knob. Use the Push to Talk (PTT) on the mike to respond. Wait for the chirp tone to start talking. Upon pressing PTT, you will hear one of the following alert tones:
 - A high, chirp-like tone indicates that you have permission to talk. Begin speaking after the tone.
 - A low, continuous tone indicates that you cannot talk at this time. Wait a moment and try again.
 - A busy-like tone indicates that the system is busy. Wait for a call-back (high-pitched) tone, then try again.
- 2.9 To place a group call select talk group T3 as described above and use the (PTT) on the mike to place the call. Wait for the chirp tone to start talking.
- 2.10 No action is required to receive a private call as long as you are not currently involved with a group call or have not acknowledged a call alert. The radio will automatically switch to the private mode for the radio that placed the private call, if it was in any other mode. The display will indicate P1 through P9 if the call is received from one of the dedicated private numbers if not the display will indicate P-. Adjust the speaker volume with the volume control knob. Use the Push to Talk (PTT) on the mike to respond. Wait for the chirp tone to start talking
- 2.11 To place a private call you must first select the private radio. If P- is displayed the call will go to the party that last called you on the radio. Select a different radio by pushing the PRVT push button and using the arrow keys to the right of the display to select the private radio you want to talk to from the list below then Use the Push to Talk (PTT) on the mike to place the call. Wait for the chirp tone to start talking.

P1 FNP FMT 1
P2 FNP FMT 2
P3 FNP FMT 3
P4 FNP FMT SPARE
P5 FNP VEHICLE
P6 TSC FMT Communicator
P7 EOF FMT Communicator
P8 ED/ TSC Manager
P9 SHIFT SUPERVISOR/SHIFT FOREMANS OFFICE

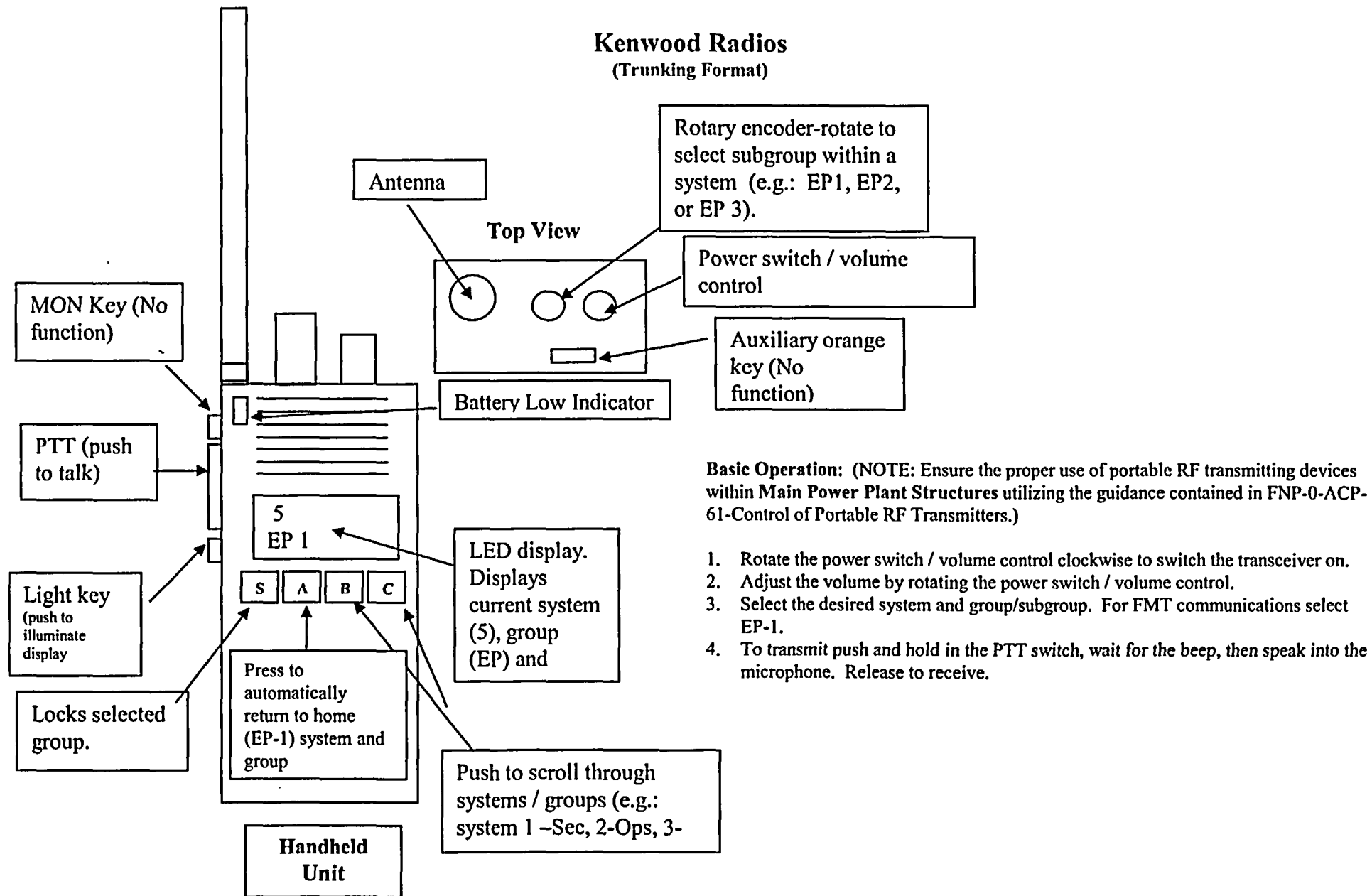
- 2.12 When someone has sent you a call alert four recurring tones will indicate that you have received a call alert. The display will show C1 through C9 if the call is received from one of the dedicated private numbers if not the display will indicate C-. To respond to the call alert press the PTT to talk to the party that placed the alert or press any other button to silence the alert. Press ALERT to return to the group mode.
- 2.13 To place a call alert you must first select the private radio. If P- is displayed the call alert will go to the party that last called you on the radio. Select a different radio by pushing the ALERT push button and using the arrow keys to the right of the display to select the private radio you want to alert. The list is the same as the above list, however a C is displayed in front of the number. Use the Push to Talk (PTT) on the mike to place the call alert. Two tones indicate the alert was successful and four tones indicate the alert was unsuccessful. The radio should automatically return to the group mode.

Kenwood Radios (Trunking Format)



Basic Operation:

1. Plug in power adapter to cigarette lighter power supply, auxiliary power adapter or dual "Y" adapter.
2. Turn unit on by pressing the IO power switch.
3. Select desired system and group/subgroup. For FMT communications select EP 1.
4. To transmit push and hold the PTT switch, wait for the chirp, then speak into the microphone. Release to receive.
5. The MON, A, and SCN key have no function at this time.



TRAVEL INSTRUCTIONS TO ENVIRONMENTAL
TLD MONITORING STATIONS

1.0 Community Stations

1.1 Station 0104

Sector 1, 4 miles north-northeast of the Plant Vent Stack. Located on the north side of Georgia Highway 62, 1.5 miles east of the east end of the Chattahoochee River bridge. Stake is approximately 20 yards off the highway across from the intersection of Georgia Highway 62 and graded road 106 (Mamie Lane).

1.2 Station 0204

Sector 2, 4 miles northeast of the Plant Vent Stack. Located next to a dirt driveway across from the intersection of graded road 104 (Chambers Road) and 28 (Wilkie Mosley Road). Stake is located approximately ten yards to the right of the driveway, 30 yards off the road.

1.3 Station 0304

Sector 3, 4 miles east-northeast of the Plant Vent Stack. Located on the west side of graded road 28 (Wilkie Mosley Road), approximately 0.8 miles from the intersection of roads 28 (Wilkie Mosley Road) and 103 (Dowry Road). TLD is approximately 10 yards off the road among pine trees on a northerly diagonal from the REA pole E145 across the road.

1.4 Station 0405

Sector 4, 5 miles east of the Plant Vent Stack. Near the base of the old Cedar Springs Fire Tower, approximately 1.5 miles from the intersection of Sowatchee Road (graded road 26) and Early County Road 300. Stake is approximately 30 yards north of an unmarked dirt road intersecting Sowatchee Road (graded road 26).

1.5 Station 0505

Sector 5, 5 miles east-southeast of the Plant Vent Stack. Located approximately 100 yards west of Early County Road 300, in the edge of trees behind Providence Church.

1.6 Station 0605

Sector 6, 5 miles southeast of the Plant Vent Stack. Located in edge of trees approximately 20 yards north of Georgia Highway 273, fifty yards east of the intersection of Georgia Highway 273 and Good Hope Lane (graded road 250).

1.7 Station 0703

Sector 7, 3 miles south-southeast of the Plant Vent Stack, at Paper Mill. Located on Northern section of the plant boundary near environmental air monitor 0703.

1.8 Station 0805

Sector 8, 5 miles south of the Plant Vent Stack, in Gordon, Alabama. TLD is approximately 50 yards east of Alabama Highway 95, on an EL light pole beside the first White house (2116 S. Hwy 95) north of the post office.

1.9 Station 0904

Sector 9, 4 miles south-southwest of the Plant Vent Stack. Located 1 mile from the intersection of Harris Butler Road and Ed Tolar Road on the East side of Harris Butler Road at #1216 Harris Butler Road. Stake is approximately 10 yards off the road near a well pump.

1.10 Station 1005

Sector 10, 5 miles Southwest of the Plant Vent Stack. Located approximately 10 yards North of Ed Tolar Road, 0.9 miles east of the intersection of Ed Tolar Road and Houston County Road 75. Stake is in a fence row approximately 40 yards east of an old barn and across from 874 Ed Tolar Road.

1.11 Station 1104

Sector 11, 4 miles west-southwest of the Plant Vent Stack. Located south of Bruner's Pond Road that intersects Houston County Road 75 approximately 0.2 miles northwest of Bruner's Pond. Stake is approximately 30 yards west of intersection, in a fence line and row of trees bordering a pasture.

1.12 Station 1204

Sector 12, 4 miles west of the Plant Vent Stack. Located across Houston County Road 33 from Oakey Grove Church, at the intersection of Houston County Road 33 and Nuclear Plant Road (Houston County 42). Stake is approximately 30 yards from either road.

1.13 Station 1304

Sector 13, 4 miles west-northwest of the Plant Vent Stack. Located approximately 30 yards north of the intersection of Houston County Roads 75 and 33. Stake is in the edge of woods approximately 20 yards east of Houston County Road 33.

1.14 Station 1404

Sector 14, 4 miles northwest of the Plant Vent Stack. Located 0.4 miles south of the intersection of Alabama Highway 52 and Houston County Road 33. Stake is approximately 30 yards east of Houston County Road 33 in the 500 KVA right of way.

1.15 Station 1504

Sector 15, 4 miles north-northwest of the Plant Vent Stack. Located near the convenience store (formerly Maro's Kitchen) at the intersection of Alabama Highway 52 and Henry Road. Stake is approximately 30 yards north of Highway 52 (across a small ditch) near the parking lot on the east side of the building.

1.16 Station 1605

Sector 16, 5 miles north of the Plant Vent Stack. Located in Columbia, AL at Alabama Power Company substation 100 yards south of Alabama Highway 52 near Omussee Creek bridge. Stake is in the southwest corner.

1.17 Station 1108

Sector 11, eight miles west-southwest of the Plant Vent Stack. Located at Alabama Power Company substation on Main Street in Ashford, Alabama. Stake is in southwest corner of substation.

1.18 Station 1001

Sector 10, 1 mile southwest of the Plant Vent Stack. Located on Whatley Residence, 1 mile south of FNP Main Gate on Alabama Highway 95. TLD is approximately 50 yards West of highway on utility pole, near house at the end of the dirt driveway.

2.0 Background Stations

2.1 Station 0718

Sector 7, 18 miles south-southeast of the Plant Vent Stack. Located at Neal's Landing Park, Florida, inside the fence surrounding air sample station.

2.2 Station 0215

Sector 2, 15 miles northeast of the Plant Vent Stack. Located behind the Early County Court House in Blakely, Georgia, inside the fenced area around water tower. Stake is in northwest corner of fenced area, near the environmental air monitor.

2.3 Station 1218

Sector 12, 18 miles west of the Plant Vent Stack. Located in Dothan, Alabama behind Alabama Power Substation 229 across industrial road from Ansell. Stake is outside the fenced substation area, near the environmental forage plot.

2.4 Station 1215

Sector 12, 15 miles west of the Plant Vent Stack. Located in Dothan, Alabama inside the fenced area around the water tower on Alabama Highway 53 near the Houston County Farm Center. Stake is on the west side of fenced area.

2.5 Station 1311

Sector 13, 11 miles west-northwest of the Plant Vent Stack. Located in Webb, Alabama, inside the Alabama Power Company Substation on Highway 52. Stake is inside the fence about midway down the north side.

2.6 Station 1612

Sector 16, 12 miles north of the Plant Vent Stack. Located in Henry County, Alabama at the Ronnie Yance residence near Haleburg. Proceed approximately 5.7 miles north on Alabama Highway 95 from Columbia. Turn left on County Road 60 (just past sign indicating a Corps of Engineers Boat Landing Ramp), until it dead ends into County Road 77. Turn right and proceed north approximately 0.7 miles to a dirt drive. Stake is at the end of the dirt drive 0.3 miles from County Road 77.

3.0 Indicator (On Site)

3.1 Indicator 1601

N of Met Tower next to railroad tracks.

3.2 Indicator 0101

NNE of Met Tower in edge of trees.

3.3 Indicator 0201

On River Bank where power line crosses the river into Georgia.

3.4 Indicator 0301

On River Bank, near sand pit.

3.5 Indicator 0401

Traveling east on the barge slip road, turn left into field (~0.1 mis. from the blind corner intersection) and follow field south border to end. Barge slip will be visible due south.

3.6 Indicator 0501

North of river water structure on river bank in edge of trees.

3.7 Indicator 0601

On river bank past plant discharge at property boundary.

3.8 Indicator 0701

Across from Security Firing Range, near Environmental Air Monitor 0701.

3.9 Indicator 0801

Follow Service water pond access road across dike to dead end. Turn left into field (service water pond spill way) Follow tree line (east direction) into woods (~1 mile from access road dead end). TLD will be posted to the right near south boundary property line.

3.10 Indicator 0901

By former site of EPA solar station (directly ahead of service water pond access road dead end).

3.11 Indicator 1001

SW perimeter of plant. Yellow pipes surround station.

3.12 Indicator 1101

Main Gate - GATE 95 ,

3.13 Indicator 1201

Hwy 95 under transmission lines before Main gate.

3.14 Indicator 1301

Hwy 95 approximately 1 mile north of Main gate on east side of highway by APCo property line marker.

3.15 Indicator 1401

West of Complex III on FNP property line adjacent to Hwy 95.

3.16 Indicator 1501

North of Complex III. North of transmission tower in edge of trees.

SAMPLING FORAGE, SOIL, WATER AND AIR

NOTE: FORAGE SAMPLES SHOULD BE RELATIVELY FREE OF DIRT, ROCKS, STICKS, AND OTHER DEBRIS.

- 1.0 To obtain a forage sample, perform the following:
- 1.1 Proceed to the location designated by the TSC or EOF. Ensure area selected is relatively free of trees that would shield the sample from deposition.
 - 1.2 Use hand held grass clippers to cut the forage.
 - 1.3 Place the sample in a plastic bag.
 - 1.4 Label sample bag with date/time, location of sample, and name of individual who pulled the sample.
 - 1.5 Store sample for return to site for analysis.

NOTE: SOIL SAMPLE SHOULD BE RELATIVELY FREE OF ROCKS, LEAVES, STICKS, AND OTHER DEBRIS.

- 2.0 To obtain a soil sample, perform the following:
- 2.1 Proceed to the location designated by the TSC or EOF. Ensure the area selected is relatively free of obstructions (e.g., trees, walls, etc.) that would shield the dirt from deposition or concentrate activity.
 - 2.2 Use small hand-held shovel to obtain the sample.
 - 2.3 Obtain soil sample from the top one to two inches of soil.
 - 2.4 Place sample in a plastic bag.
 - 2.5 Label sample bag with date/time, location of sample, and name of individual who pulled the sample.
 - 2.6 Store sample for return to site for analysis.

NOTE: WATER SAMPLE SHOULD BE RELATIVELY FREE OF DIRT, LEAVES, STICKS, AND OTHER DEBRIS.

- 3.0 To obtain a water grab sample, perform the following:
 - 3.1 Proceed to the location designated by the TSC or EOF.
 - 3.2 Use water sampler or other suitable container and obtain water sample.
 - 3.3 Place water sample in cubitainer and cap tightly.
 - 3.4 Label sample container with date/time, location of sample, name of individual who pulled the sample, and whether the sample was from a flowing river, stagnant pond, etc..
 - 3.5 Store sample for return to site for analysis.
- 4.0 To obtain an air sample utilizing the FMT designated portable electric generator, perform the following:

CAUTION: EXHAUST MUFFLER MAY BE HOT!

- 4.1 Ensure generator is fueled and exhaust muffler is clear of obstruction.
- 4.2 Place the fuel valve lever to the "ON" position. (See Figure 10 for a diagram of the generator.)
- 4.3 Turn the on-off switch to the "ON" position.
- 4.4 Place the choke lever in the "CLOSED" position.
- 4.5 Pull the motor crank cord until the unit starts. (Choke may have to be adjusted during the start cycle.)
- 4.6 Rotate the choke lever in steps that will allow the engine to warm up for approximately 1 minute.
- 4.7 The "OPEN" position provides the correct fuel mixture for operation after starting and for restarting a warm engine.
- 4.8 Moving the throttle lever in the directions shown makes the engine run faster or slower. Adjustment might be necessary when load is established on generator.
- 4.9 If the motor fails to start; consider it inoperable and turn the on-off switch to the "OFF" position.

- 4.9.1 Notify TSC or EOF that the generator has failed to start and await for further instructions.

NOTE: SILVER ZEOLITE (AgZ) CARTRIDGES ARE PROVIDED FOR USE IN ACTUAL EMERGENCY AIR SAMPLING. CHARCOAL CARTRIDGES ARE PROVIDED FOR USE IN DRILLS/EXERCISES.

- 4.10 Plug the air sampler into the generator outlet and adjust throttle lever as necessary to support controlled flow. Obtain air sample.
- 4.11 After obtaining the air sample, turn the generator on-off switch to the "OFF" position.
- 5.0 To obtain Environmental Air Sample from Environmental Air Monitoring Station: (Use Figure 8 as a Guideline, if necessary.)
- 5.1 Press "STOP" key - display reads total volume in units selected and elapsed time.
- 5.2 For each sample, record sample date/time, elapsed sample time and cumulative sample volume. The sample date/time is defined as the date/time when the "STOP" key is depressed.
- 5.3 Remove the combination filter holder from the sample pump by releasing the quick-connect fitting.
- 5.4 Carefully remove the particulate filter retaining cap from the combination filter holder by rotating the cap counterclockwise.
- 5.5 Carefully remove the particulate filter from the filter holder to avoid tearing the filter.
- 5.6 Place the particulate filter in a labeled petri dish or other suitable container.
- 5.7 Open the charcoal cartridge compartment of the combination filter holder by rotating the upper (gold) section counterclockwise.
- 5.8 Carefully remove the charcoal cartridge and place it in a labeled container.
- 5.9 Ensure that there are two o-rings in the charcoal cartridge compartment.
- 5.10 Carefully install a fresh charcoal cartridge, making sure the arrows on the cartridge point in the direction of flow. When the combination filter holder is installed on the pump suction line, the arrows should point down.

- 5.11 Reassemble the charcoal cartridge compartment by screwing the two sections together, finger-tight.
- 5.12 Being careful to avoid tearing the filter, place a fresh particulate filter on the grid in the particulate filter compartment.
- 5.13 Carefully replace the particulate filter retaining cap and tighten finger tight.
- 5.14 Install the combination filter holder on the pump suction line using the quick connect fitting.
- 5.15 Press "CLEAR" key. Display reads calibrated range of the totalizer.
- 5.16 Press "START" key. Pump starts and display reads flowrate in units selected, elapsed sample time and cumulative volume for the newly initiated sampling period.
- 5.17 If necessary, adjust flowrate to 1.5-1.7 CFM (42-48 LPM) using the flow adjust knob on the regulator valve.

6.0 Pulling of water sample from auto sampler units

NOTE: IT SHOULD BE RECOGNIZED THAT THE AUTO SAMPLER PULLS A SMALL VOLUME OVER A LONG PERIOD OF TIME, AND THE SAMPLE IN IT IS NOT REPRESENTATIVE OF INSTANTANEOUS LEVELS, AND GRAB SAMPLES ARE MORE REPRESENTATIVE OF ACTUAL INSTANTANEOUS LEVELS.

- 6.1 Unclip bottom section from top section of sampler.
- 6.2 Ensure unit is not pumping, then lift top section from sampler off both sections and gently set aside.

CAUTION: LUMINOUS DIAL WATCHES CONTAINING TRITIUM MUST NOT BE WORN WHILE PULLING SAMPLE FROM AUTO SAMPLER.

- 6.3 Remove accumulation container and pour off a small amount into the cubitainer.
- 6.4 Reinstall accumulation container into the bottom section.
- 6.5 Reinstall top section, being careful that the pump discharge tube will discharge into the accumulation container. Reinstall clips.

- 6.6 Cap cubitainer and label it with date/time, location of sample, and that it came from the auto sampler, description of the type of area from which sample was taken (e.g., flowing river, stagnant area of river, etc.), and name of person taking the sample.

FIELD MONITORING TEAM
SURVEY DATA SUMMARY LOG

DATE/TIME OF SURVEY	LOCATION OF SURVEY (Degree-Miles-Landmarks)	TLD CHANGE OUT	WATER SAMPLE	FORAGE SAMPLE	SOIL SAMPLE	DOSE RATE OPEN WINDOW	(mrem/hr) CLOSED WINDOW	AIR SAMPLE READING(μ Ci/ml)	
								IODINE	PARTICULATE
/									
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REMARKS: _____ REVIEWED BY/DATE, TIME _____

APPROVED FOR TELECOPY DATE/TIME _____
(Senior Individual in the Emergency Response Facility)

10/21/03 10:49:16

FNP-0-EIP-4.0
APPENDIX 6

RE-ENTRY INDIVIDUAL EXPOSURE RECORD

NAME _____ TLD# _____ GROUP _____

PRE-ACCIDENT EXPOSURE _____ MREM

ENTRY #	DOSIMETRY LOCATION ON BODY	VERIFY RESPIRATOR QUALIFIED *	ACCUMULATED DOSE YTD (denote if dose corrected by TLD read)	DOSIMETER READING IN / OUT	DOSE RECEIVED THIS ENTRY	TOTAL DOSE (DOSE YTD + THIS ENTRY)	BIOASSAY RESULTS (WBC, NASAL SWIPES, DAC HRS, ETC.)

*Verify the individual is qualified to use the required respirator per FNP-0-RCP-101 (eg: Fit Test, Training current, Medical Certification, Facial sealing surface).

I have been made aware of the extension of my exposure limits in excess of 10CFR20 limits.

Signature

Date

Time

I voluntarily agree to receive an emergency dose in excess of 25 Rem, but less than 100 Rem for the protection of large populations and or life saving activities.
I have been made aware of the risk involved, and accept those risk.

Signature

Date

Time

HEALTH PHYSICS SUPERVISOR GUIDELINE

1. _____ Ensure Field Monitoring Teams (FMTs) have been dispatched as necessary, and maintain/monitor communications as required with FMTs from the TSC.
2. _____ Verify iodine canister respirators are available for use in the respirator room and retrieve if deemed necessary.
3. _____ Consider helper support for relocating protective clothing from the clothing issue room to the unaffected unit entrance and setting up an emergency dress out area. This will increase supplies and ease the emergency dressout process. Most ready for use protective clothing is contained in roll around bins or could be placed in roll around bins.
4. _____ Contact the EOF Dose Assessment Supervisor to accept control of the FMT's. When it is agreed that the EOF Dose Assessment Supervisor is ready to take control, get ED's approval and officially turn over FMT control to the EOF. If dose assessment capabilities are functional, EOF activation is not required prior to turnover.
5. _____ Assess the Control Room and TSC personnel for issuance of personnel dosimetry, if deemed necessary, based on radiological conditions.
6. _____ Monitor personnel in the assembly areas if the radiological release could be causing hazards in those areas.
7. _____ Assist the on-call Engineering Supervisor in evaluating direct radiation, plume deposition, and contamination in the environment.

NOTE: IT IS NOT NECESSARY TO SURVEY AREAS THAT ARE WELL AWAY FROM THE PLUME PATH. IF, IN THE JUDGMENT OF THE HP SUPERVISOR, THE PLUME OR SHINE FROM THE PLUME COULD BE AFFECTING AN INHABITED AREA, THEN SURVEYS SHOULD BE PERFORMED.

8. _____ When using projected plume maps or wind direction and speed to assume radiological hazards at inhabited areas on site or off site, actual surveys should be performed to verify the assumptions that were made.
9. _____ Provide ED information concerning the plume location and the plume radiological conditions for possible relocation of personnel (e.g., Security, assembly areas, etc.).

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10. _____ With the ED approval, dispatch Health Physics support to various areas of the plant to assist in accessing radiological conditions of the plant.
11. _____ Provide fire brigade support as necessary. (This support does not require a FMT, but does require support of Health Physics personnel.)

NOTE: ENTRY INTO THE RCA MAY BE MADE THROUGH ALTERNATE DOORWAYS (E.G., UNIT 2 RCA DOORWAY NEAR TSC, ETC.).

12. _____ After being notified by the Maintenance Supervisor of a re-entry, review the guidance provided in EIP-14.0.
13. _____ If FMT Communication has not been transferred to the EOF, ensure on-site and off-site radiological sample of forage, soil, water, and air is being accomplished, if applicable.
14. _____ If FMT Communication has not been transferred to the EOF, ensure that the FMT Data Log (Appendix 5) is being maintained for transfer via telecopy to requesting state agencies, as approved by the senior individual in the emergency response facility.
15. _____ Track the dose received by in-plant personnel during the emergency and record on Appendix 6 (RE-ENTRY INDIVIDUAL EXPOSURE RECORD).
16. _____ Implement in-plant iodine monitoring as needed.
17. _____ Ensure in-plant continuous air monitors which are capable of monitoring for iodine are operable for iodine levels > 1 DAC.

NOTE: DATA OBTAINED BY ENVIRONMENTAL MONITORING MAY BE USED BY THE DOSE ANALYST TO VALIDATE MODEL ACCURACY, EVALUATE DEPOSITION, AND DETERMINE DOSE COMPONENTS ON THE GROUND AS REQUIRED.

18. _____ Ensure radiation and environmental monitoring is performed, as necessary, to evaluate ingestion pathway hazards. Information obtained from the Montgomery National Weather Service Radar and aircraft overflights (radiological overflights) may be used to aid in this evaluation.
19. _____ Recommend protective actions to the ED for on-site personnel. Examples: respiratory protection, evacuation or shelter, use of personnel dosimetry.

20. _____ Evaluate the use of potassium iodide for thyroid protection, per steps 3.3 and 3.4 of the main body of the procedure, including the cautions and notes above step 3.3.
21. Assess radiation protection manpower/support requirements.
- _____ Initiate recall of off-duty personnel as necessary.
- _____ Develop shift rotations as necessary.
- _____ Initiate requests for contract technician support. When the EOF is manned, such requests should be routed to the EOF Support Coordinator.
- _____ Initiate requests for support for radiological instrumentation and supplies (as necessary).
22. Monitor changing radiological conditions and recommend appropriate actions to the ED.
- _____ Relocation of assembly areas as necessary.
- _____ Relocation of access control points as necessary.
- _____ Relocation of security posts as necessary.
- _____ Ensure FMTs withdraw from the plume path when not actively engaged in surveying.
23. _____ Provide supervision for personnel, area, and equipment decontamination during an accident to prevent/limit the spread of contamination. Decontamination will be initiated, if practical.

IN PLANT/ASSEMBLY AREA MONITORING HP TECHNICIAN GUIDELINE

1. _____ Comply with FNP-0-EIP-10.0 in providing support during evacuations.
2. _____ Comply with FNP-0-EIP-11.0 in providing support to injured personnel.
3. _____ Comply with FNP-0-EIP-14.0 if a member of a re-entry/relocation team.
4. _____ Don protective clothing and emergency equipment as necessary as specified by the Health Physics Supervisor, and perform radiological surveys as directed.
5. _____ Document all survey data in a logbook or Environmental Field Monitoring Team Data Sheet, Figure 4, as applicable.
6. _____ Establish and post controlled access at assembly areas and other areas necessary to ensure contamination is not spread in areas frequented by personnel.
7. _____ Report findings to the Technical Support Center (TSC) or Emergency Operations Facility (EOF) as appropriate.

FIELD MONITORING TEAM GUIDELINE

- 1.0 Request a FMT crew brief from the FMT Communicator for at least the following prior to dispatch to field (crew brief may be obtained by via telecommunications):

_____ Radio channel to be used

_____ When to report in to the communicator

_____ Plant conditions

_____ Release conditions (in progress) (potential) (none)

_____ Expected Radiological Conditions

_____ Relief procedure for eating, body functions, etc.

- 2.0 _____ Obtain a Southern Linc radio (primary) and Kenwood suitcase radio (secondary). Southern Linc radios are available at the CSC for FMT 1. FMT 2 and 3 southern lincs are in room 118 of the Training Center. All Kenwood suitcase radios are in room 118 of the Training Center. Verify radio operability per Appendix 1 for Southern Linc and Appendix 2 for Kenwood.

- 3.0 _____ Maintain the radio ON. The Southern Linc is the primary means of communication, if the Southern Linc fails, the Kenwood system should be used as the back-up. Ensure the FMT Communicator is aware of any communication failures.

NOTE: IF A NON-DESIGNATED FMT VEHICLE IS USED ENSURE POWER SOURCE IS AVAILABLE FOR RADIOS. RADIO POWER SOURCES (CIGARETTE LIGHTER/AUX. POWER) ARE ROUTINELY VERIFIED OPERABLE IN DESIGNATED VEHICLES.

- 4.0 _____ Select and obtain a vehicle for FMT use from the list in Table 2. Keys for the five FMT vehicles are located in the TSC and Training Center (rm. 118) key cabinets.
- 5.0 _____ Verify vehicle has an operable radio power source (i.e.: cigarette lighter or auxiliary power adapter).
- 6.0 _____ Obtain the two case FMT kit from the cabinet at the Training Center. If the FMT kits or storage cabinets are sealed, there is no FMT kit inventory required.

NOTE: THE FMT DRIVER SHOULD WEAR A HALF FACE RESPIRATOR FOR VISIBILITY IF QUALIFIED TO WEAR A HALF FACE RESPIRATOR. SAFETY GLASSES ARE REQUIRED WHEN WEARING A HALF FACE RESPIRATOR.

7.0 _____ Don required protective clothing and equipment.

8.0 _____ Place FMT magnetic signs on top of and on each side of the vehicle.

CAUTION: INSTRUMENT RESPONSE CHECK SOURCES HAVE HIGH LEVELS OF RADIATION. THE CHECK UNIT MUST ONLY BE OPERATED WITH THE INSTRUMENT IN ITS PROPER POSITION TO SHIELD THE SOURCE FROM THE USER.

9.0 _____ Obtain contamination instrument and exposure rate instrument for environmental survey from room 118 of the Training Center. Check operability/response check all instruments.

10.0 _____ Obtain portable generator and air sampler from the Training Center. Verify generator full of gas. Check operability of generator and air sampler. (Refer to Appendix 4, section 4.0, to start the electric generators.)

11.0 _____ Additional gas for the vehicle or generator can be obtained from the gas pumps at the northeast end of the QC Building with the gas card located in the vehicle.

12.0 _____ Relay data to the TSC or EOF. Report locations per Figures 1, 2, 5, 6 or 7 or "Hooie" board.

13.0 _____ Label all samples with sample time, flow rates, location, date, etc.

14.0 _____ Document survey data in log book or Figure 4.

15.0 _____ Perform direct radiation, air particulate, and radioiodine surveys in areas designated by the TSC or EOF. Refer to Figures 1 and 2 for designated monitoring points (if used).

NOTE: TLDs POSTED IN THE EPZ SERVE AS AN EXCELLENT MEASURE OF DOSE TO THE ENVIRONMENT DURING THE ACCIDENT. THESE TLDs SHOULD ONLY BE REMOVED AT THE DIRECTION OF THE HP SUPERVISOR OR THE DOSE ASSESSMENT SUPERVISOR.

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- 16.0 _____ Replace existing TLDs only when directed. Normally, only the Quarterly TLDs are changed out.
- 17.0 _____ Post additional TLDs as directed. Refer to Figures 5, 6, 7, and Appendix 3.
- 18.0 _____ Record TLD serial numbers, date, time, locations (utilize sector designations if possible).
- 19.0 _____ Initiate onsite/offsite monitoring of forage, soil, water and air as directed. Refer to Appendix 3 for locations of environmental monitoring stations and Appendix 4 for obtaining forage, soil, water, and air samples.
- 20.0 _____ Upon direction, replace filters at environmental air sampling stations per Appendix 4.

HOSPITAL HEALTH PHYSICS SUPPORT GUIDELINE

1. _____ Maintain periodic communications with the Control Room, TSC or EOF.
2. _____ Document surveys and other Health Physics activities in logbook or on other appropriate documentation (e.g., Figure 4, etc.)
3. _____ Detain ambulance personnel and vehicles until surveying is completed.
4. _____ Maintain a log of all personnel who enter the Radiation Casualty/Decontamination Area or who are in the vicinity of the casualty.
5. _____ Setup radiological barricades (ropes, signs, step off pads, etc.) at appropriate locations if necessary.
6. _____ Based on levels of contamination, verify that the ventilation system in the Radiation Casualty/Decontamination Area is closed as appropriate.
7. _____ Based on levels of contamination, set-up the ventilation negative pressure unit as appropriate.
8. _____ Based on levels of contamination, poly the floors of the Radiation Casualty/Decontamination Area to prevent liquids from entering any floor drains.
9. _____ Connect containers to the decon table to collect all contaminated liquids.
10. _____ If deemed necessary, ensure that Personnel Monitoring Dosimeters (PMDs) are distributed to all hospital, ambulance and other personnel as necessary. (Insure dosimeters are of proper range and zeroed or record issue readings.) If available in fast entry mode, digital alarming dosimeters (DADs) may be issued in lieu of pocket ion chambers.
11. _____ Keep the doctor informed of radiation and contamination levels.
12. _____ Monitor the patient and provide decontamination information to the doctor as necessary.
13. _____ If patient must be transferred to surgery or elsewhere in the hospital, advise doctor as to the radiological precautions necessary during and after transfer.
14. _____ Ensure all body excreta and excised tissue from patient are placed in appropriately labeled and sealed containers.

SHARED

15. _____ Collect and prepare bioassay samples, smears, and waste containers for transportation to the plant unless directed otherwise. Post and label containers and area as appropriate.
16. _____ After the patient has left the Radiation Casualty/Decontamination Area, Survey all personnel, equipment, and affected areas prior to release.
17. _____ Survey ambulance personnel, ambulance, equipment, and path of the casualty.
18. _____ Direct decontamination efforts to return the area to normal use.
19. _____ If applicable, collect all PMDs , log readings from dosimeters and insure the names are on TLDs, if applicable.
20. _____ Forward this guideline, completed to this point, to the Emergency Planning Coordinator.

FMT COMMUNICATOR

- 1.0 _____ Keep log entries on items of significance in logbook, or Figure 4.
- 2.0 _____ Select Rad worker/respirator qualified personnel to support FMT.
- 3.0 _____ Using Table 2, assist with the selection of a FMT vehicle. Keys are located in the TSC/TC key lockers. Vehicle identification numbers are on keys in lockers.
- 4.0 _____ Brief FMT crew on the following:
- _____ Radio channel to be used (Primary: Southern linc -Talk Group 3 identified as FEP RMT on the base stations and T3 on the portables, Backup: Kenwood-EP1)
- _____ When to report in to the communicator
- _____ Plant conditions
- _____ Release conditions (in progress) (potential) (none)
- _____ Expected Radiological Conditions
- _____ Relief procedure for eating, body functions, etc.
- _____ If approached by members of the public and/or press callback for appropriate instructions and/or directions to give those persons.

ALARA Concerns:

- _____ Watch dosimeter
- _____ DAD fast entry alarm settings: (1 R exposure; 1 R/hr rate)
In emergency situations these alarm settings may need to be exceeded. Dose to the team members should be maintained so that the plant administrative limit (2 rem/yr.) will not be exceeded by any member without the appropriate approvals. Dose control should be maintained by the FMT leader and tracked for review and guidance to include personnel rotation and relief by the FMT communicator. This would allow the FMT leader to control dose yet not be restricted to a certain dose rate.
- _____ When/how often to report dose

_____ Ensure FMTs remove themselves from the plume when not actively surveying.

_____ Potential for Respiratory Protection

_____ Consideration for Potassium Iodide: If a person is to be exposed to airborne radioactive iodine such that he would exceed 2000 DAC-hrs, consider issuing potassium iodide as a thyroid blocking agent. Instructions and considerations for use are listed in Figure 3. Do not take KI if you are allergic to iodide.

_____ Protective clothing use

5.0 Dispatch FMT to obtain equipment and vehicles

NOTE: REFER TO FNP-0-ACP-61 CONTROL OF PORTABLE RF TRANSMITTERS FOR LIMITATIONS AND GUIDANCE ON THE USE OF THE PORTABLE RADIOS.

6.0 Locate and set-up FMT Communicator radios.

_____ Southern Linc

_____ Kenwood Handheld Radio (Do not operate in charger)

_____ Realize limitations on the usage of Kenwood portable radio per FNP-0-ACP-61 (eg: use prohibited in restricted areas such as the U-1 and U-2 main control room and instrument racks; use prohibited around sensitive equipment such as the ERDS work station in general areas.)

7.0 _____ Verify Operability of each radio.

8.0 _____ Establish radio communications with the FMT members in the environment.

9.0 _____ Brief FMTs with plant status and radiological conditions when they change.

10.0 _____ Have FMTs report survey findings, log data and perform calculations using Appendix 5 and Figure 4.

11.0 _____ Obtain 35' and 150' wind direction and speeds and plume maps on a frequent basis.

12.0 _____ Using the information from the previous step, determine areas of concern.

13.0 _____ Direct FMTs into areas of concern for environmental sampling.

NOTE: IT IS NOT NECESSARY TO SURVEY AREAS THAT ARE WELL AWAY FROM THE PLUME PATH. IF, IN THE JUDGMENT OF THE HP SUPERVISOR, THE DOSE ASSESSMENT SUPERVISOR OR FMT COMMUNICATOR, THE PLUME OR SHINE FROM THE PLUME COULD BE AFFECTING AN INHABITED AREA, THEN SURVEYS SHOULD BE PERFORMED.

14.0 If, in the judgment of the HP Supervisor, the Dose Assessment Supervisor or FMT Communicator, the plume or shine from the plume could be affecting inhabited structures outside the security controlled area, then use the onsite FMT to perform the following:

_____ Survey the outside of these areas.

_____ If there are radiological hazards outside the structure, then survey the inside of the structure.

_____ If necessary, provide radiological assistance in the area.

_____ Report any radiological hazards to the HP Supervisor and the Dose Assessment Supervisor.

15.0 _____ Dispatch FMTs and track their progress using degree-mile designator and appropriate landmarks. Dispatch FMTs to appropriate locations to monitor plume path and environmental deposition of radionuclides.

NOTE: PLUME TRACKING AND DEFINING IS OF PRIMARY CONCERN FOR IMMEDIATE PROTECTION TO THE PUBLIC. SAMPLING SHOULD BE CONSIDERED AND PERFORMED AFTER THE PLUME HAS BEEN DETECTED AND BOUNDARIES DEFINED.

16.0 Have FMTs obtain the following samples frequently as applicable:

_____ Dose rate (both open and closed window)

_____ Air samples (both particulate and iodine)

_____ Forage samples (e.g., grass, etc.)

_____ Water samples (running and standing water bodies)

_____ Soil samples

- 17.0 _____ Provide survey data to appropriate personnel (e.g., ED, HP Supervisor, the Dose Assessment Supervisor, etc.) for information and Dose Model verification.
- 18.0 _____ Provide survey data to State Radiological Controls personnel, authorized by the senior individual in the emergency response facility.
- 19.0 _____ Track FMT member's dose.
- 20.0 For multiple FMTs:
- _____ Endeavor to keep one FMT in front of the plume's estimated leading edge, especially near population centers.
- _____ Keep one FMT traversing the plume, defining its edges and obtaining samples.
- 21.0 _____ TSC FMT Communicator to provide formal turnover to EOF, when directed, then keep track of locations/information relayed to EOF.

REFERENCES

- Joseph M. Farley Nuclear Plant Emergency Plan
- FNP-0-EIP-10.0, Evacuation and Personnel Accountability
- FNP-0-EIP-11.0, Handling of Injured Personnel
- FNP-0-EIP-13.0, Fire Emergencies
- FNP-0-EIP-14.0, Personnel Movement Relocation, Re-entry and Site Evacuation
- NRC Information Notice No. 88-15
- FNP-0-ACP-61, Control of Portable RF Transmitters
- FNP-0-STP-791, Air Particulates and Iodine Sampling
- FNP-0-STP-792, Measurement of Direct Gamma Radiation by TLDs
- FNP-0-STP-793, River Water Samples
- 10 CFR 20 Subpart O, Appendix B (Table 1), Annual Limits on Intake (ALI's) and Derived Air Concentrations (DACs) of Radio nuclides

FMT DESIGNATED VEHICLES

NOTE: KEYS FOR THE FIRST FIVE VEHICLES ARE LOCATED IN THE KEY CABINETS IN THE TSC COMMUNICATIONS CABINET AND IN THE TRAINING CENTER ROOM 118. GAS CAN BE OBTAINED FROM THE GAS PUMPS AT THE NORTHEAST END OF THE QC BUILDING WITH THE GAS CARD LOCATED IN THE VEHICLES.

NOTE: THE MAINTENANCE VAN AND THE CHEMISTRY TRUCK ARE NORMALLY LOCATED IN THE VICINITY OF THE SERVICE BUILDING (SB) AND SHOULD BE THE FIRST CHOICE FOR FMT 1.

- Maintenance Vehicle (Identification number listed on key ring obtained from key locker)
- Chemistry Truck (Identification number listed on key ring obtained from key locker)

NOTE: THE TRAINING CENTER AND VISITOR CENTER VANS ARE NORMALLY LOCATED IN THE VICINITY OF THE TRAINING CENTER AND SHOULD BE THE FIRST CHOICE FOR FMT 2 AND 3. THE ENVIRONMENTAL TRUCK NORMALLY VACILLATES BETWEEN THE TRAINING CENTER AND SB.

- Training Center Van (Identification number listed on key ring obtained from key locker)
- Visitors Center Van (Identification number listed on key ring obtained from key locker)
- ENV Truck (Identification number listed on key ring obtained from key locker)

NOTE: THE FOLLOWING VEHICLES ARE NOT RECOMMENDED FOR FMT VEHICLES.

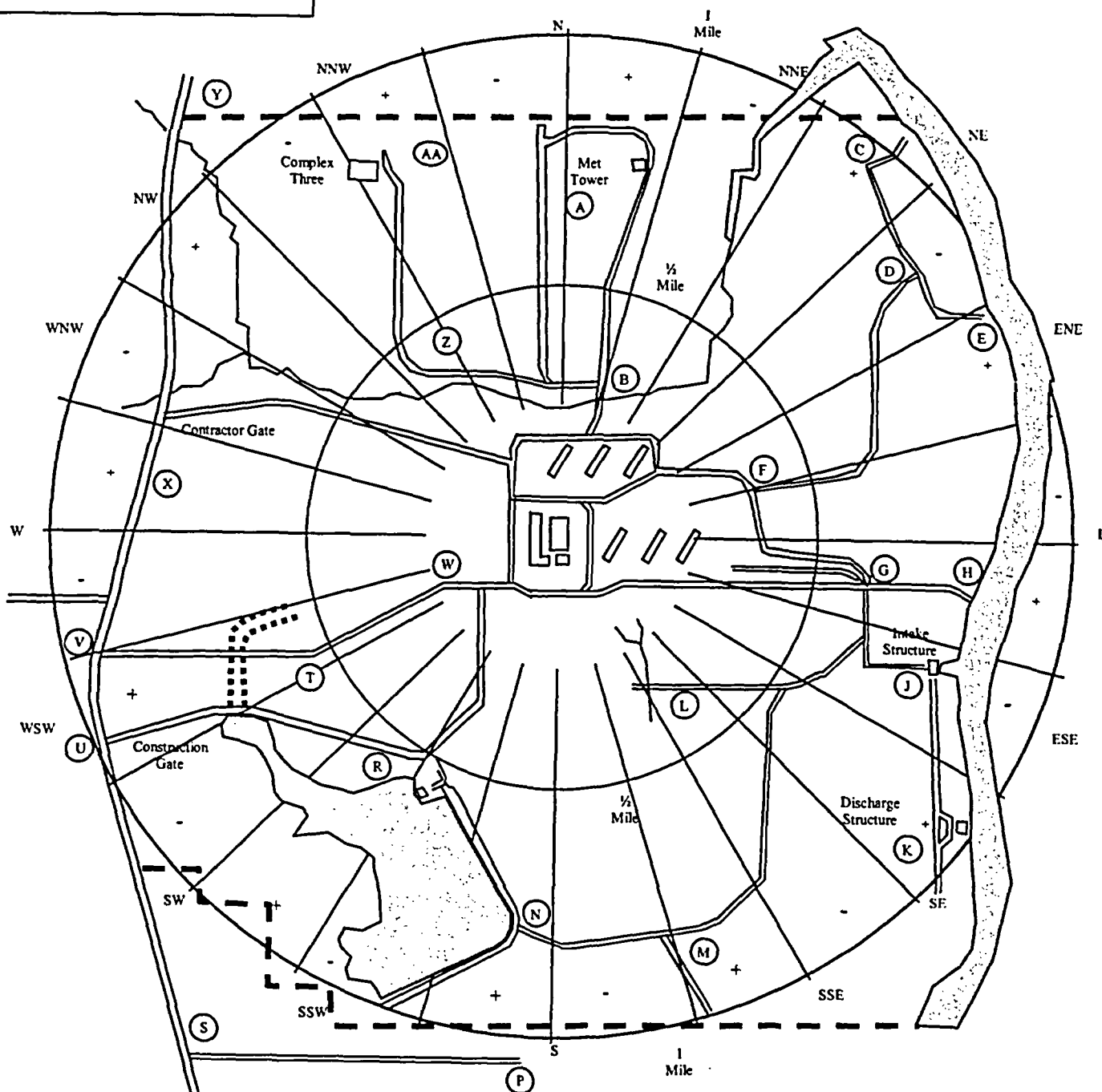
- Plant Emergency Vehicle
- Aux. Fire Brigade Van

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ON-SITE PREDESIGNATED
MONITORING POINTS

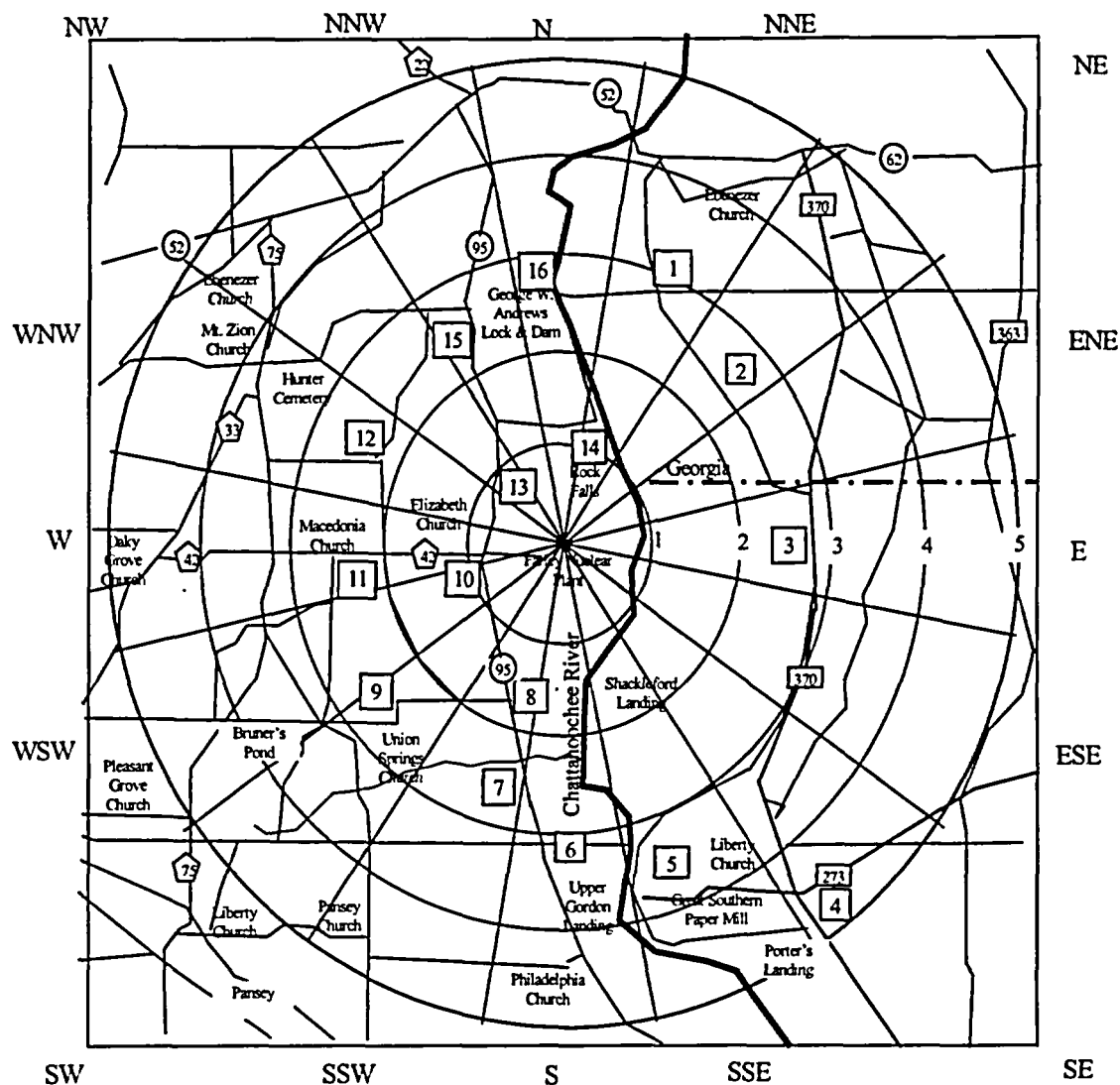
SHARED

FNP-0-EIP-4.0
FIGURE 1



Point	Location	Description	Point	Location	Description	Point	Location	Description
A	N+1/2	Met Tower	J	ESE-1/2	Intake Structure	T	WSW-1/2	Bend of Road
B	NNE-0	Road Intersection	K	SE-1/2	Discharge Structure	U	WSW-1/2	Gate at AL95
C	NE-1	TLD Station	L	SE+0	Stream Crossing	V	WSW+1/2	Gate at AL95
D	NE+1/2	Road Intersection	M	ESE+1/2	Road Intersection	W	WSW-0	Bend of Road
E	ENE-1/2	End of Road	N	S+1/2	Pond Dam	X	WNW-1/2	Gate at AL95
F	ENE+0	Road Intersection	P	S+1	End of Field Road	Y	NW+1	North Gate at AL95
G	E+1/2	Road Intersection	R	SSW+1/2	Serv. Water Struct.	Z	NW+0	Bend of Road
H	E+1/2	Barge Slip	S	SW-1	Road Intersection	AA	WNW-1/2	Complex Three

OFF-SITE PREDESIGNATED MONITORING POINTS



Point No.	Location	Description	Point No.	Location	Description
1	NNE-2 ½	Road Intersection	9	SW+2 ½	Bend of Road
2	NE+2	Bridge	10	WSW+1	APCo Gate at AL95
3	E-2 ½	Road Intersection at GA370	11	W-2 ½	Road Intersection
4	SE+4	Intersection of GA273 & GA370	12	WNW-2	Road Intersection
5	SSE+4	Great Southern	13	NNW-1	Road Intersection at AL95
6	S+3	Smith Branch at AL95	14	NNE-1	Bend of Road
7	S+2	Cedar Creek at AL95	15	NNW-2 ½	Road Intersection at AL95
8	SSW-1 ½	Road Intersection at AL95	16	N-2 ½	Andrews Dam

**FDA PATIENT INFORMATION USE OF 130-MG SCORED TABLETS OF
POTASSIUM IODIDE FOR THYROID BLOCKING**

(Potassium Iodide Tablets, U.S.P.)
(Pronounced poe-TASS-e-um EYE-oh-dyed)
(Abbreviated KI)

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 IODINE (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 ONE YEAR OF AGE OR
OLDER: One (1) tablet once a day. Crush for small children.

BABIES UNDER ONE YEAR OF AGE: One-half (1/2) tablet once a day. Crush first.

Take for 10 days unless directed otherwise by State or local public health authorities.

Store at controlled room temperature between 15 and 30C (59 degrees to 86 degrees F). Keep bottle tightly closed and protect from light.

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 public health authority.

DESCRIPTION

Each (company trade name) Tablet contains 130 mg. of potassium iodide.

Thyro-Block® description:

Each white, round, scored, monogrammed THYRO-BLOCK® TABLET contains 130 mg of potassium iodide. Other ingredients: magnesium stearate, microcrystalline cellulose, silica gel, and sodium thiosulfate.

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 anti-thyroid 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.

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SHARED

FNP-0-EIP-4.0
FIGURE 3

HOW SUPPLIED

Tablets (Potassium Iodide Tablets, U.S.P.): bottles of [number of tablets in a bottle] tablets().
Each white, round, scored tablet contains 130 mg. potassium iodide.

Thyro-Block® 130 mg potassium iodide tablets are available in bottles of 14 tablets.

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FNP-0-EIP-4.0
FIGURE 4

ENVIRONMENTAL FMT DATA SHEET

INST. Numbers

FMT # _____

FRISKER _____

RO2/2A _____

TECHNICIAN _____

AIR SAMPLER _____

SHEET # _____

SAMPLE LOCATION

DOSE RATE (mrem/hr)

AIR SAMPLE DATA

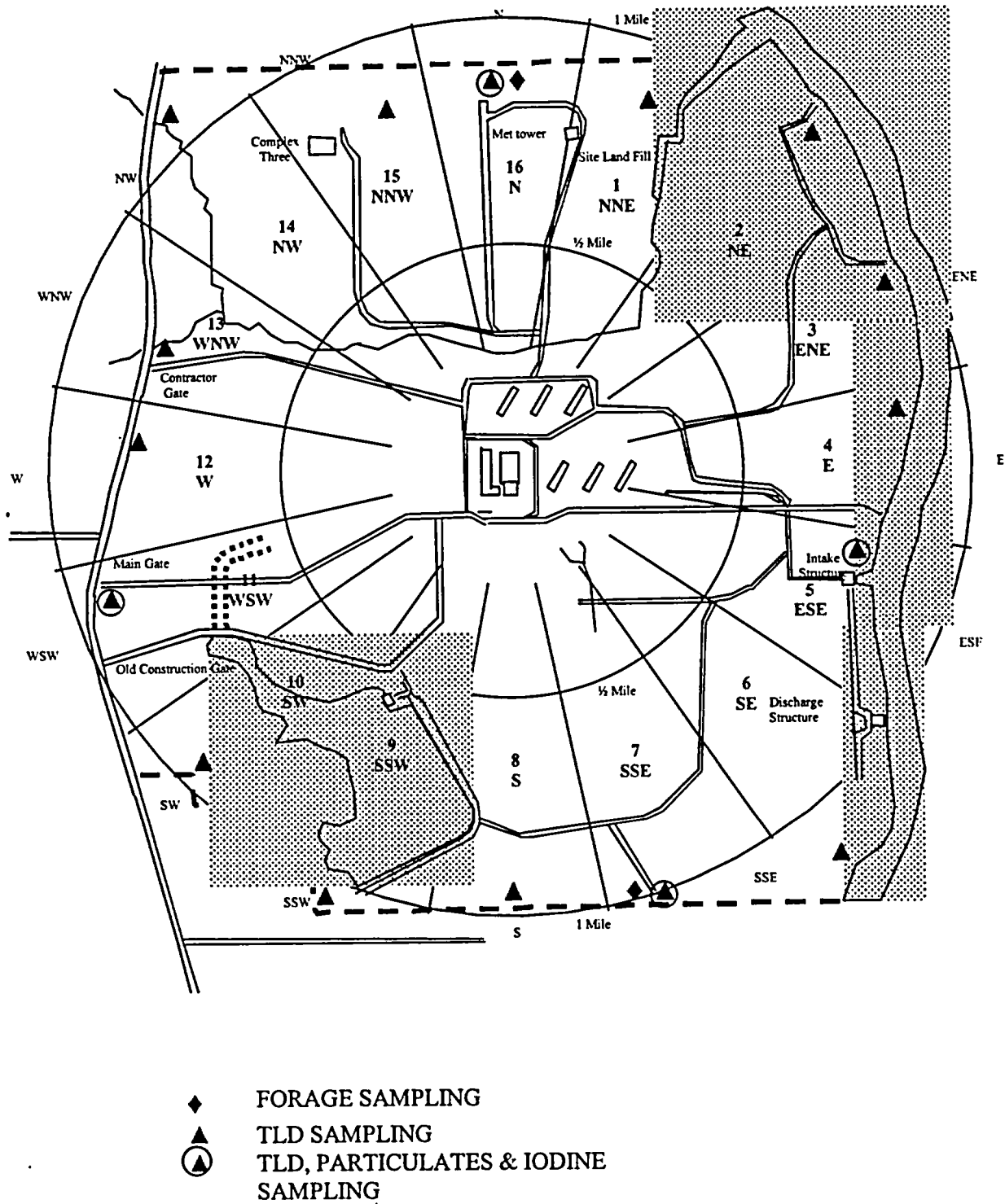
OTHER SAMPLES TAKEN (✓)

DISPATCH Date/Time SAMPLE Date/Time	(Degree-Mile-Landmark)	OPEN WINDOW	CLOSED WINDOW	TYPE*	GROSS (CPM)	BKG (CPM)	VOL. (FT)	ACTIVITY μCi/ml	FORAGE	WATER	SOIL	TLD CHANGED OUT
D) /				P								
S) /				I								
D) /				P								
S) /				I								
D) /				P								
S) /				I								
D) /				P								
S) /				I								
D) /				P								
S) /				I								

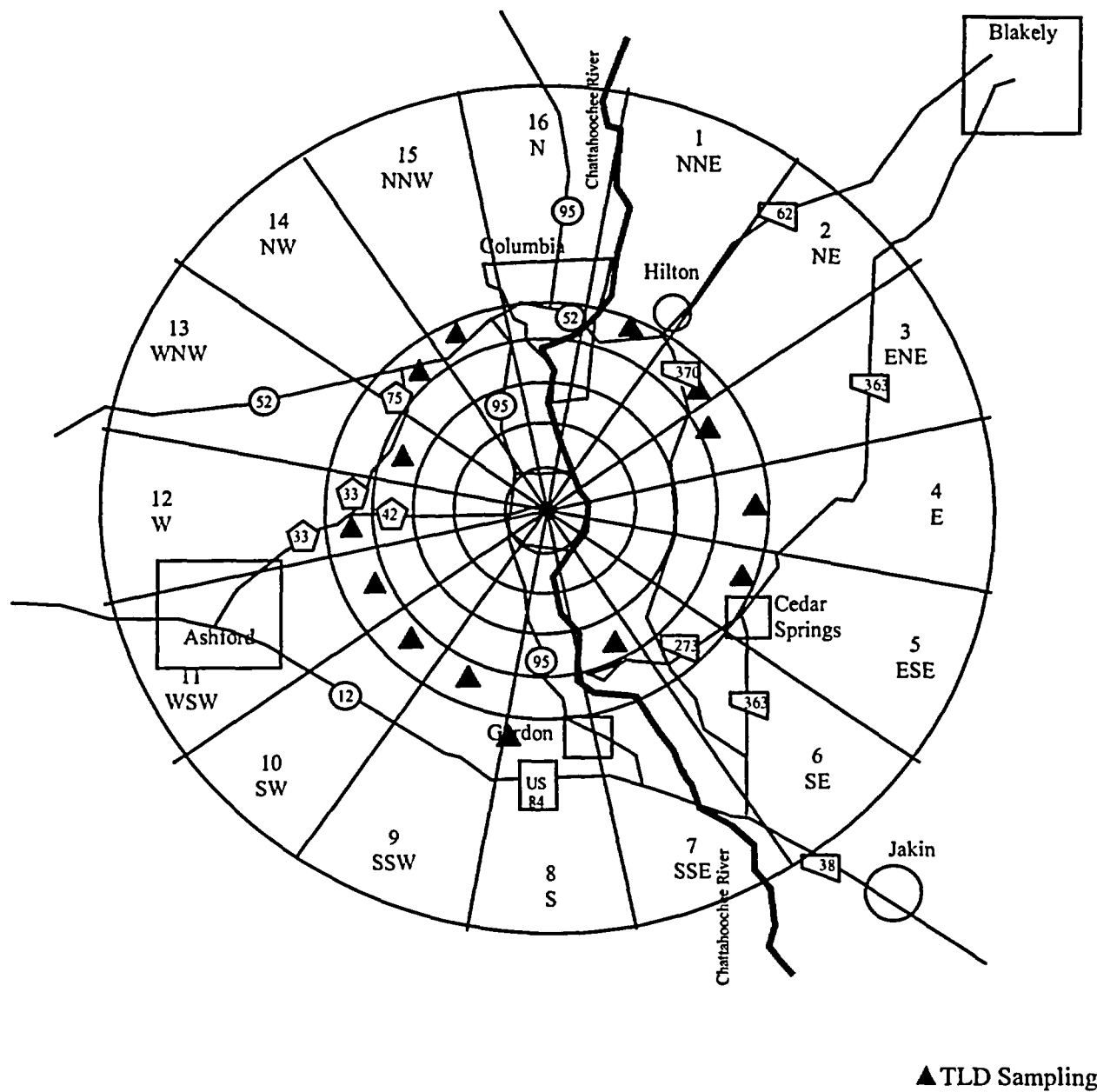
REMARKS: _____

* PARTICULATE: $\frac{(\text{Sample Gross-Background CPM}) \times 1.69 \times 10^{-10}}{\text{Sample Volume, CU FT}} = \text{_____} \mu\text{Ci/ml PARTICULATE}$

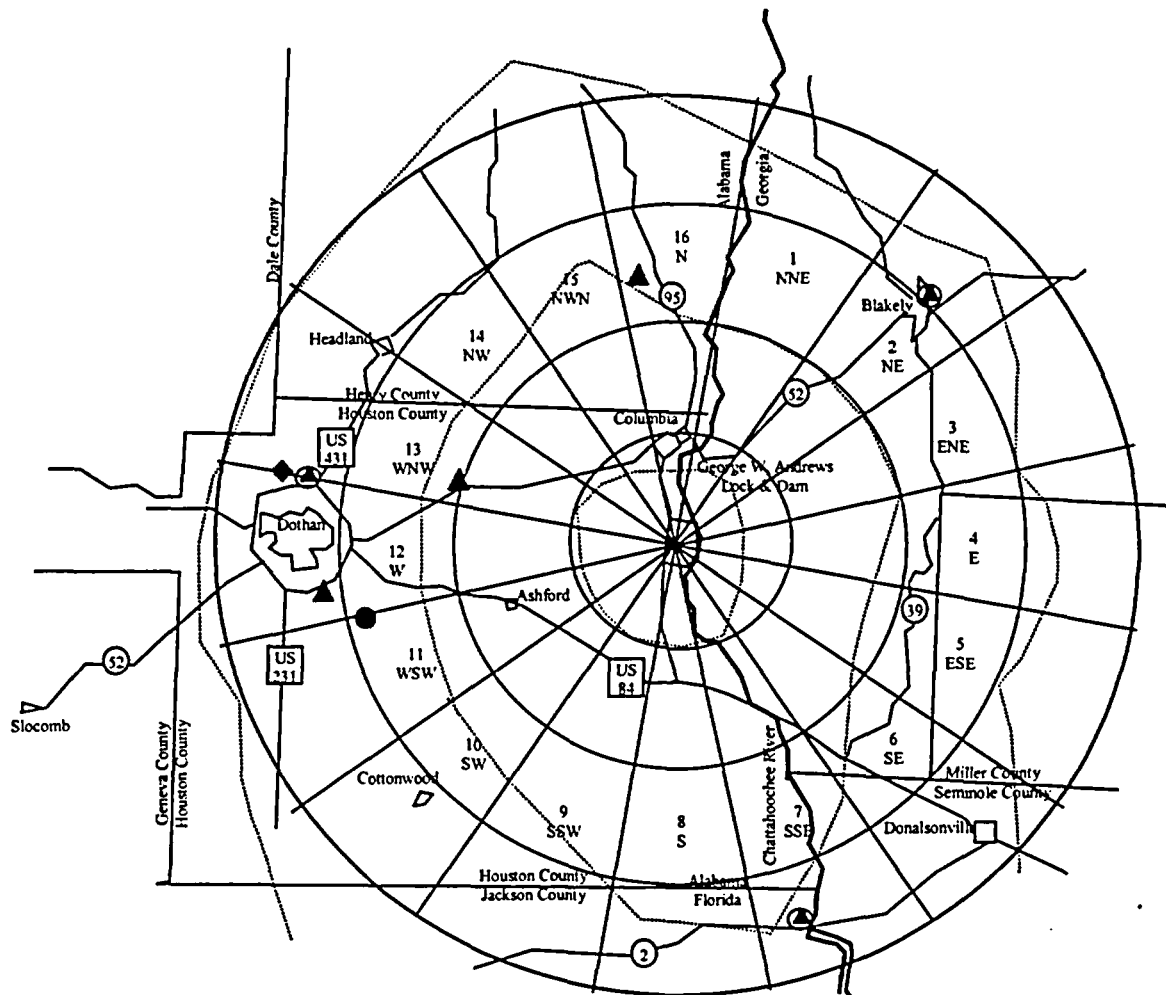
* IODINE: $\frac{(\text{Sample Gross CPM-Background CPM}) \times 8.84 \times 10^{-10}}{\text{Sample Volume, CU FT}} = \text{_____} \mu\text{Ci/ml IODINE}$



INDICATOR SAMPLING LOCATIONS FOR AIRBORNE ENVIRONMENTAL RADIOACTIVITY IN THE FARLEY NUCLEAR PLANT AREA



Community (Indicator II) Monitoring Locations For Direct Radiation in the Farley Nuclear Plant



◆	Forage Sampling
▲	TLD Sampling
⊙	TLD, Particulate and Iodine Sampling
●	Milk Sampling

Control Sampling Locations For Airborne Environmental Radioactivity In
The Farley Nuclear Plant Area

AIR MONITORING STATION DUST FILTER CHANGEOUT CHECK LIST

AIR MONITORING STATION LOCATION: _____

FILTER CHANGED BY: _____ (NAME)

DATE/TIME _____ / _____

CHECK (✓)

1. Combination Filter Holder:

- a. Two "O-ring" seals installed in charcoal cartridge compartment _____
- b. Charcoal cartridge properly installed _____
- c. Particulate filter properly installed _____
- d. Combination filter holder properly assembled _____
- e. Filter holder properly connected to sample pump _____

2. Sample pump and totalizer assembly:

- a. Turbine installed on pump exhaust _____
- b. Exhaust hose:
 - (1) Properly connected to turbine _____
 - (2) Condition satisfactory _____
 - (3) Properly routed outside weatherhouse _____
- c. Turbine sensor cable properly attached to totalizer display chassis _____
- d. Power switch on _____

10/21/03 10:49:16

SHARED

FNP-0-EIP-4.0
FIGURE 8

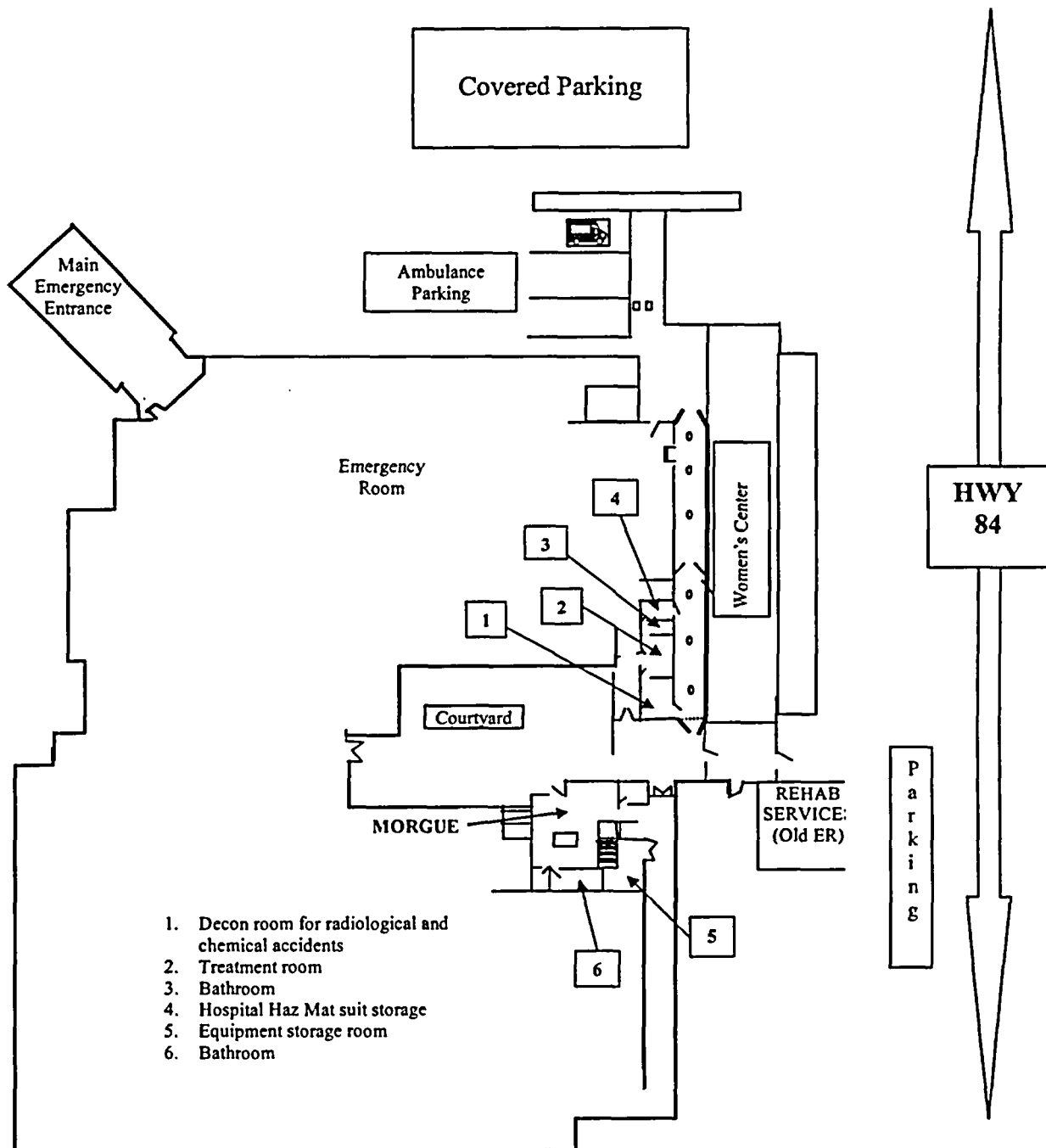
CHECK (✓)

- e. "CLEAR" key depressed _____
- f. "START" key depressed _____
- g. Flowrate 1.5 - 1.7 scfm (42-48 lpm) _____

- 3. Exhaust fan running _____
- 4. Weatherhouse doors closed and locked _____
- 5. Gate to fenced area locked _____

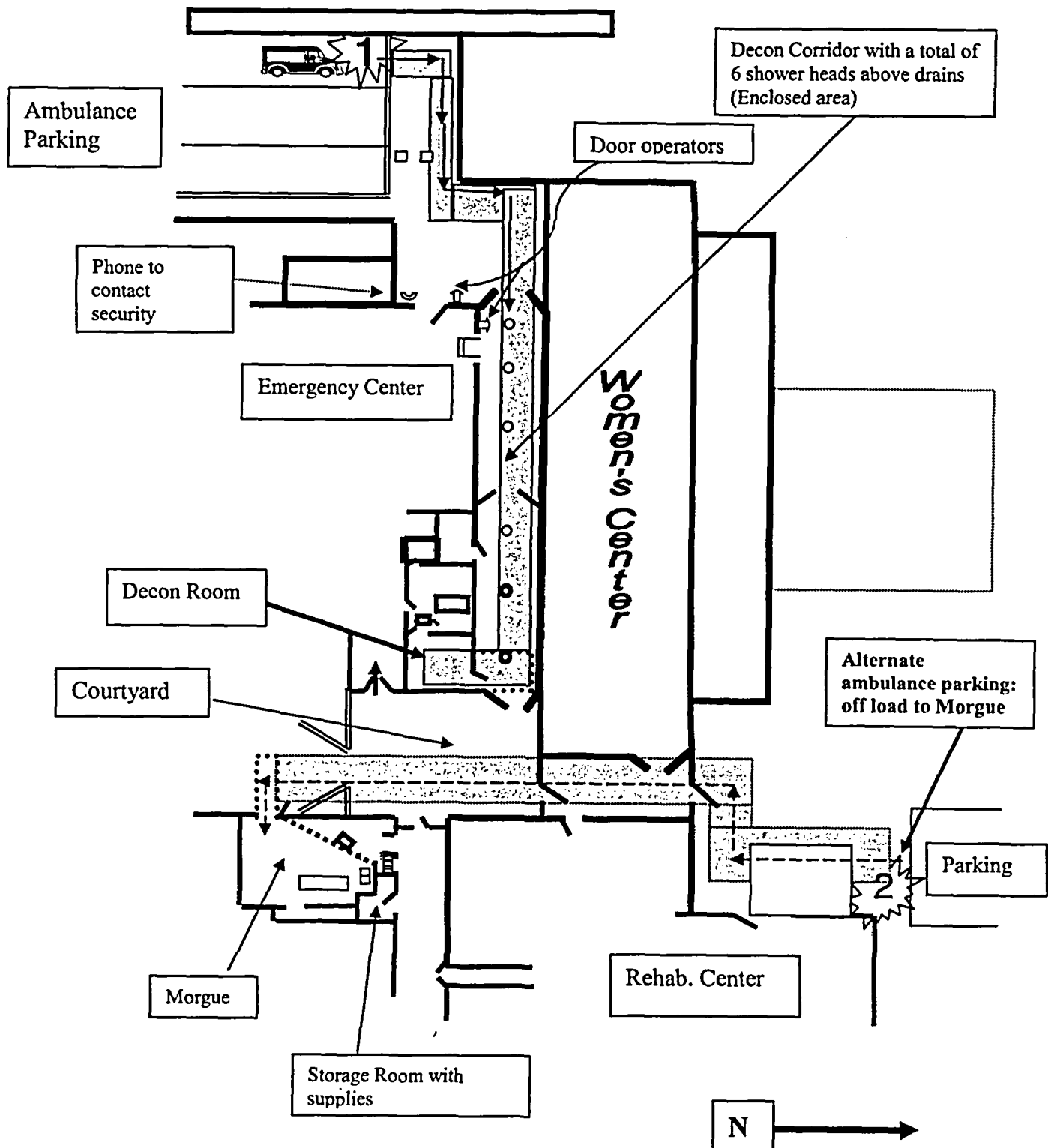
REMARKS: _____

SHARED

**Southeast Alabama Medical Center
Emergency Facilities**

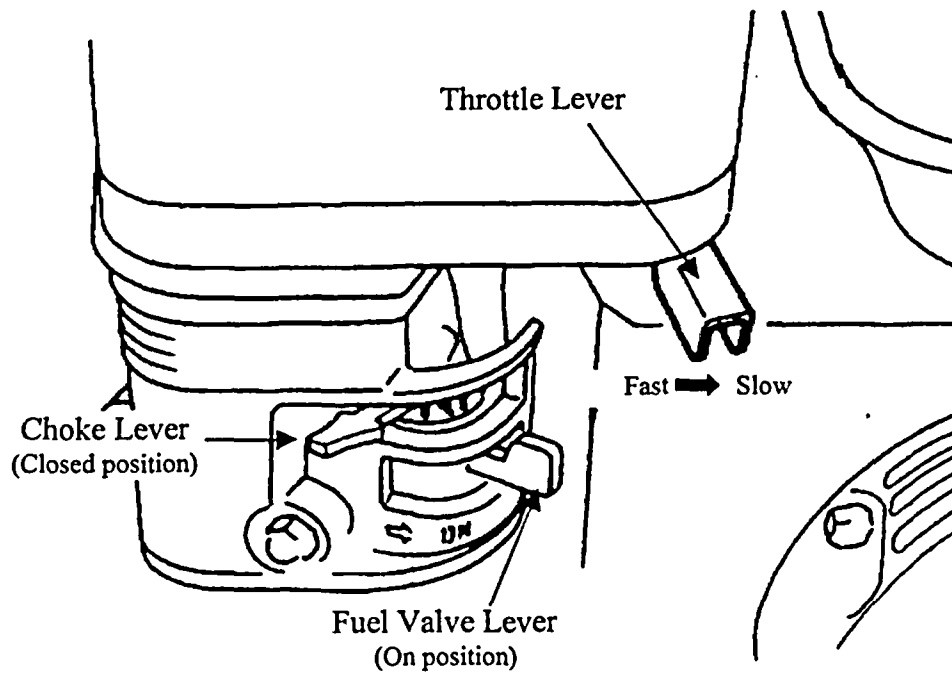
Southeast Alabama Medical Center

2 typical contamination zone travel path layouts for handling contaminated injured personnel. 1) By way of normal ambulance dock and 2) Through door east of women's center (Normally determined by hospital staff prior to arrival).



SHARED

**FMT DESIGNATED
PORTABLE GENERATOR**



10/23/03 13:12:29

SHARED

FNP-0-EIP-8.3
October 15, 2003
Version 9

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-8.3

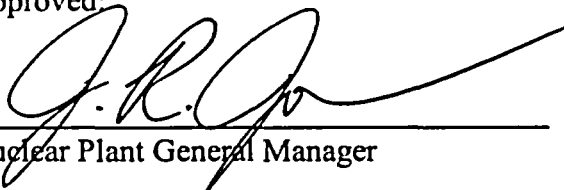
COMMUNICATIONS EQUIPMENT
OPERATING PROCEDURES

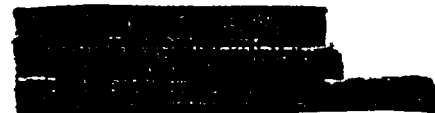
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PROCEDURE USAGE REQUIREMENTS PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	ALL
Information Use	

Approved:


Nuclear Plant General Manager



Date Issued 10-30-03

LIST OF EFFECTIVE PAGES

<u>Procedure Contains</u>	<u>Number of Pages</u>
Body	41
Table 1	1
Table 2	2
Table 3	1
Figure 1	4
Figure 2	1
Figure 3	1
Figure 4	1
Figure 5	1
Figure 6	1
Figure 7	1

COMMUNICATIONS EQUIPMENT OPERATING PROCEDURES

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	General	1
4.0	Gai-Tronics Use	1
5.0	Authentication of Emergency Notifications	1
6.0	PAX Phone Usage	1
7.0	AVAYA Phone Functions	2
8.0	Federal Telephone System (FTS) NRC Phones	3
9.0	Portable Cellular Phone in the Security Tower	6
10.0	Regulatory Emergency Response Data System (ERDS)	7
11.0	Plant Farley Emergency Call-Out System	11
12.0	Telecopier Operation	13
13.0	Emergency Notification Network (ENN)	18
14.0	Paging Instructions	25
15.0	Emergency Phone Bridges	25
16.0	Operation of the WEBEOC	26
17.0	Westinghouse Event Data Checklist	28
18.0	Satellite Telephone Operation	28
19.0	Southern LINC Phone and Radio System Operation	32

<u>Section</u>	<u>Title</u>	<u>Page</u>
Table 1	References	
Table 2	INFORMATION FOR EMERGENCY RESPONSE NOTIFICATION SYSTEM ACTIVATION	
Table 3	TSC/EOF Activation	
Figure 1	REACTOR PLANT EVENT NOTIFICATION WORKSHEET	
Figure 2	WESTINGHOUSE EVENT DATA CHECKLIST INFORMATION	
Figure 3	ERDS SCREEN 1	
Figure 4	ERDS SCREEN 2	
Figure 5	PROPAGE PAGER COVERAGE AREA GEORGIA PLUS	
Figure 6	TYPICAL LAYOUT OF THE LEFT HAND SCREEN FOR A THREE SCREEN WEBEOC DISPLAY	
Figure 7	TYPICAL LAYOUT OF THE CENTER SCREEN FOR A THREE SCREEN WEBEOC DISPLAY	

COMMUNICATIONS EQUIPMENT OPERATING PROCEDURES

1.0 Purpose

This procedure provides guidance and instructions for using various communications equipment that is specified in the EIPs.

2.0 References

See Table 1.

3.0 General

3.1 This procedure provides step-by-step instructions for operating some of the communications equipment specified in the Emergency Plan Implementing Procedures. When the operator of the communications equipment is familiar with the equipment, then this procedure is not required to be used during equipment operation.

3.2 Telephone numbers for the communications equipment and plant personnel are located in FNP-0-EIP-8.1 or FNP-0-EIP-8.2.

4.0 Gai-Tronics Use

4.1 Channel 5 on the public address system is reserved for use during plant emergencies or emergency drills. Other channels of the public address system, if clear, may also be used during emergencies or drills.

5.0 Authentication of Emergency Notifications

5.1 When a declared emergency notification message is sent out over the ENN, authentication of the notification is not required.

5.2 When a declared emergency notification message is sent out by any means other than the ENN, then authentication of that message shall be accomplished by the off-site party utilizing the ENN or by calling the call-back number provided on the notification form.

6.0 PAX Phone Usage

6.1 Dialing company phones (prefix 276, 286, 257, 832, 288, etc.) from other company phones can be accomplished by first dialing an 8, then the seven digit phone number listed in the EIPs. Do not dial the prefix to dial a phone on the same prefix.

- 6.2 Farley Nuclear Plant extensions, including off premises extensions (OPX) (prefix 276), can be dialed from any other Farley Nuclear Plant extension or OPX by dialing the last four numbers.
- 6.3 Farley Nuclear Plant extensions and OPX (prefix 276) can also be dialed from any Bell phone from outside the company system by dialing 899-5156 or 794-0800, and then asking for or dialing the extension when requested.
- 6.4 Farley Nuclear Plant Direct Inward Dial (DID) extensions (extensions 4500-4999) can be dialed directly from offsite by dialing Area Code 334, Ashford prefix 814, followed by the four digit extension, or as described in step 6.3.
- 6.5 Farley Nuclear Plant DID extensions act like a PAX extension in all respects except as described in step 6.4.
- 6.6 Birmingham APCo corporate headquarters' extensions and OPX (prefix 257) can also be dialed from any Bell phone outside the company system by dialing area code 205 and then dialing the seven digit number.
- 6.7 Birmingham SNC corporate headquarters' extensions (prefix 992) can be dialed from any Bell phone outside the company system by dialing area code 205 then the seven digit number.
- 6.8 All in-state long distance phone calls must be preceded by area code 205, 251, 256 or 334, depending on location.

7.0 AVAYA Phone Functions

Information about the functions of the AVAYA phone system can be found by going to the IT home page from the FNP home page on the web. The ones most likely to be required for emergency operation are listed below.

7.1 Placing Conference Calls

The Conference feature allows you to conference up to six parties (including yourself) on a call.

To add another party to a call (for a total of six parties):

1. Press **Conf** [dial tone]
2. Dial the number of the new party and wait for an answer.
3. When you want to add the new person, press **Conf** again.
4. Repeat Steps 1 through 3 for additional conference connections.

To add a call you have put on hold to another call you are connected to:

1. Press **Conf** [dial tone]

2. Press the call appearance button of the call on hold (first call).
3. Press **Conf** again.

To drop the last person added to the conference call:

1. Press the Menu button and then press the soft key below Drop.

7.2 Transferring Calls

The Transfer feature allows you to transfer a call from your telephone to another extension or outside number.

To send the present call to another extension:

1. While on a call, press **Trnsfr** [dial tone].
2. Dial the number to which the call is to be transferred. [ringing tone]
3. Remain on the line and announce the call.
(If the line is busy or if there is no answer, you can return to the held call by pressing its call appearance button.)
4. Press **Trnsfr** again to complete the transfer.
5. Hang up.

8.0 Federal Telephone System (FTS) NRC Phones

The following NRC essential emergency communications functions will be provided by Federal Telephone System (FTS) voice service.

- Emergency Notification System (ENS): Initial notification by the licensee, as well as ongoing information on plant systems, status, and parameters.
- Health Physics Network (HPN): Communication with the licensee on radiological conditions (in-plant and off-site) and meteorological conditions, as well as their assessment of trends and needs for protective measures on-site and off-site.
- Reactor Safety Counterpart Link (RSCL): Established initially with the base team and then with the NRC site team representatives, once they arrive at the site to conduct internal NRC discussions on plant and equipment conditions separate from the licensee and without interfering with the exchange of information between the licensee and NRC. This is the channel by which the NRC Operations Center (NRCOC) supports NRC reactor safety personnel at the site. In addition, this link may also be used for discussion between the reactor safety team director and the licensee plant management at the site.

- Protective Measures Counterpart Link (PMCL): Established initially with the base team and then with the NRC site team representatives, once they arrive at the site, to conduct internal NRC discussions on radiological releases and meteorological conditions and the need for protective actions separate from the licensee and without interfering with the exchange of information between the licensee and NRC. This is the channel by which the NRCOC supports NRC protective measures personnel at the site. In addition, this link may also be used for discussion between the protective measures team director and the licensee plant management at the site.
- Emergency Response Data System (ERDS) Channel: This is the channel over which the raw reactor parametric data is transmitted from the site.
- Management Counterpart Link (MCL): Established for any internal discussions between the executive team director or executive team members and the NRC director of site operations or top level licensee management at the site.
- Local Area Network (LAN) Access: Established with the base team and the NRC site team for access to any of the products or services provided on the NRCOC's local area network. This includes technical projections, press releases, status reports, E-mail, and various computerized analytical tools.

8.1 Dialing Procedures

The FTS Network utilizes dial tone from one of the FTS Network service nodes located throughout the United States. To place a call over the FTS Network, a user must do the following:

- Lift the receiver on the telephone instrument and listen for dial tone. After receiving dial tone, dial the first number listed on the sticker located on the telephone instrument. If the first number is busy, proceed with the second, etc.

8.2 Phone Numbers Listed on FTS Phones

RED STICKER

1-301-816-5100 Main
1-301-951-0550 Backup 1
1-301-415-0550 Backup 2
1-303-415-0553 Backup 3
1-301-816-5151 FAX

8.3 Phone Numbers of FTS Circuits

ENS -	1-700-221-0807
HPN -	1-700-221-0802
MCL -	1-700-221-0806
PMCL -	1-700-221-0800
RSCL -	1-700-221-0805
LAN -	1-700-221-0801
ERDS Unit 1	1-700-221-0804
ERDS Unit 2	1-700-221-0803

8.4 Location of FTS Phones

- Control Room
ENS Unit 2 SS desk
- Shift Foreman's office
ENS Communication Equipment Cabinet
- TSC
ENS Communications cabinet and NRC desk
HPN Communications cabinet and HP manager desk
MCL NRC desk
PMCL NRC desk
RSCL NRC desk
LAN NRC desk
- EOF
ENS Room 105 and room 106
HPN Room 106 (2 phones)
MCL Room 105
PMCL Room 106
RSCL Room 106
LAN Room 105

8.5 Failure Notification

In the event of a failure of the FTS system, the NRCOC should be contacted to arrange repairs with their contractor. The FTS system or commercial phone lines can be used. The phone numbers used to contact NRCOC for both FTS phones or commercial phones are those listed in FNP-0-EIP-8.1 or step 8.2 of this procedure. Once contacted, the NRC will have their contractors trouble-shoot the system and make necessary repairs. Once repairs have been completed, the NRC will inform FNP. If the problem is on site, our telecommunications personnel will have to do the trouble-shooting and repairs.

9.0 Portable Cellular Phone in the Security Tower

A portable cellular phone is located in the security tower. This phone can be moved to a different location at the discretion of the emergency director or shift supervisor. This phone is intended for **EMERGENCY USE ONLY**.

- 9.1 The transportable cellular phone has two available phone numbers. The primary number is 334-797-4336 on the B system. The secondary number is 334-790-3381 on the A system. Only one of these numbers/systems can be active at any time as the home system. The phone should normally be left on the primary number as the home system.
- 9.2 To determine which number/system is selected, press the recall (RCL) button, then the number (#) button. The current phone number will be displayed.
- 9.3 To change the selected number/system, press the recall (RCL) button, then the number (#) button, then the store (STO) button. The phone will now display the phone number for the system that has just been selected.
- 9.4 A locked phone will be indicated by the display of "LOC'd". The phone should not normally be locked. If the phone is inadvertently locked, press "END/Clr", then dial 336 (the last three digits of the phone number).
- 9.5 The phone should normally be left in the ON position and powered as described in step 9.8. The magnetic mount antennae should be attached to the phone and placed in an area that provides the best signal strength. To turn on the phone, press the "PWR" button. The display will indicate "PWR" in the lower right-hand corner and "NoSvc" (no service) next to it. After the phone has acquired a signal, it will display a signal strength display of an S, with bars to its right. The more bars that are displayed indicates higher signal strength. Adjust the position of the antennae to obtain the highest signal strength. If "NoSvc" remains displayed, move to a different location.
- 9.6 To receive calls, when the phone rings, simply pick up the phone and start talking -- **do not try to use the hands-free mode**. At the end of the conversation, hang up the phone and press the "End/CLR" button. The phone will remain connected and not be able to receive additional calls unless the "End/CLR" button is pushed.

- 9.7 To place calls, enter the desired number. If an error is made, press "End/CLR" to clear the last number or hold it down to erase the entire display. When the number is entered, press "Snd" and pick up the handset - **do not try to use the hands-free mode**. At the end of the conversation, hand up the phone and press the "End/CLR" button. The phone will remain connected and unavailable to receive additional calls unless the "End/CLR" button is pushed. Because the plant is on a fringe area, some of the calls that may normally be considered local could be long distance. If your local call does not go through, try it with the area code.
- 9.8 The normal power supply for this phone will be the 12 volt DC regulated power supply. This power supply can be plugged into any 120 volt AC wall outlet. The cigarette lighter plug should then be plugged into the 12 volt DC power supply. Being plugged into the power supply will keep the installed battery charged. When plugged into the power supply, the phone should normally remain powered up.
- 9.9 The backup power supply for this phone is the installed battery. In standby operation, the battery should last approximately 10 to 12 hours. While operating in the talk mode, the battery will only last a maximum of 90 to 120 minutes. To determine the remaining battery capacity, push the "Fcn" button, then 4. A "b" will be displayed with bars to the right. The more bars displayed indicates a higher battery capacity; with just a "b" displayed indicates minimum capacity.
- 9.10 Volume of the ringer can be adjusted by using the button on the side of the phone when no call is in progress. Volume of the earpiece can be adjusted when a call is in progress using the same button. Holding the button down will either raise or lower the volume. After releasing the button and pressing it a second time, the volume will go in the other direction. A volume meter will be displayed; the more bars that are displayed, the higher the volume.
- 9.11 For other specific details of phone operation, see the user's manual that is enclosed with the phone.

10.0 Regulatory Emergency Response Data System (ERDS)

NOTE: OPERATION OF NON-REGULATORY ERDS FOR USE IN THE TSC, EOF, AND EOC IS DESCRIBED IN FNP-0-EIP-9.1.

10.1 REGULATORY ERDS Startup

- 10.1.1 Ensure that you are at a plant computer terminal for the unit that is to send the information to the NRCOC, or that the correct unit is selected on dual unit terminals.
- 10.1.2 Access computer services screen and select the ERDS function as follows:

- Press the HOME key.
- The cursor should move to the upper left-hand corner of the screen. If it does not, press ESCAPE then HOME again.
- Press the COMPUTER SERVICES button.
- The display should change to the computer services screen.
- From the computer services screen, tab to EMERGENCY RESPONSE DATA SYSTEM (ERDS).
- Press SELECT.
- The EMERGENCY RESPONSE DATA SYSTEM STATUS page should be displayed (Figure 3).
- To leave the ERDS STATUS page without changing ERDS status, press the ESCAPE button.

10.1.3 The status of the ERDS system should normally be as indicated in Figure 3. The system will still be able to transmit to the NRC if at least one unit ERDS does not have a TSC alarm, and that same unit is not already transmitting data.

10.1.4 From the ERDS screen start ERDS transmission as follows: Use the TAB keys to verify that the cursor is on "SELECT TO START TRANSMISSION OF ERDS DATA TO THE NRC".

- Press the SELECT button.
- The display should now be the ERDS confirmation screen (Figure 4).
- Use the TAB keys to verify that the cursor is on "SELECT TO CONFIRM THE ACTIVATION OF ERDS".
- Press the SELECT button.
- It may take up to seven minutes from the time that confirmation of transmission is selected until the actual transmission will be started.
- The display should remain on the same screen with the message changed to "SELECT TO CONFIRM THE TERMINATION OF ERDS".
- **Do not** press SELECT with the termination message displayed, or ERDS transmission will be terminated!
- Press ESCAPE to exit the ERDS function.

10.1.5 If there are any ERDS alarms activated in the TSC, proceed to step 10.5.

10.1.6 To terminate ERDS transmission to the NRCOC, proceed to step 10.3.

10.1.7 To view ERDS display screens, proceed to step 10.4.

10.2 Determine ERDS status when desired

10.2.1 To determine the status of ERDS, access the ERDS STATUS screen (Figure 3), per step 10.1.1 and 10.1.2. If the ERDS PC has started the

transmission process, "ERDS DATA TRANSMISSION REQUESTED?" should say OK, and "ERDS 1(2) TRANSMITTING UNIT 1(2) DATA" should say YES. There is no way, from the plant computer terminal, to determine if the actual transmission process is in operation.

10.2.2 Press ESCAPE to exit the ERDS function.

10.3 Terminating REGULATORY ERDS Transmission to the NRCOC

10.3.1 The NRC can terminate the transmission of data at any time. The only indication that this has occurred would be from the "ERDS status" display. For one minute after the termination was done, the status bars for transmitting from the unit that was transmitting will go to a reverse video message that states, "The NRC has terminated transmission of data from the ERDS computer". After one minute, that display will go away and the display should look like the one in Figure 3.

10.3.2 Access the ERDS STATUS screen (Figure 3), per step 10.1.1 and 10.1.2.

10.3.3 Using the TAB, verify that the cursor is on "SELECT TO STOP ERDS TRANSMISSION TO THE NRC", then press the SELECT key. The display should change to the confirmation display.

10.3.4 Using the TAB, verify that the cursor is on "SELECT TO CONFIRM THE TERMINATION OF ERDS", and press SELECT.

10.3.5 Press ESCAPE to exit the ERDS function.

10.4 Viewing REGULATORY ERDS Group Displays

NOTE: THE VALUES THAT ARE DISPLAYED ON THE ERDS GROUP REVIEW PAGES MAY DIFFER FROM WHAT IS SEEN ON THE NORMAL GROUP REVIEW PAGES. THE DATA DISPLAYED ON THESE PAGES SHOW ONE MINUTE AVERAGES, INSTEAD OF BEING CONSTANTLY UPDATED. MANY OF THE VALUES DISPLAYED ARE EITHER AVERAGES OF MULTIPLE INSTRUMENTS OR AN AUCTIONEERED HIGH OR LOW VALUE, INSTEAD OF JUST SINGLE INSTRUMENT VALUES.

10.4.1 Access the ERDS STATUS screen (Figure 3), per step 10.1.1 and 10.1.2.

10.4.2 From the ERDS STATUS display, press PAGE DOWN to view the group review pages. From the group review pages, you can page back to the STATUS display by pressing PAGE UP.

- 10.4.3 While viewing the ERDS group review pages, the same functions that are available from other group review pages (such as Point Detail) are also available. When you press ESCAPE to exit the Point Detail, you will also exit the ERDS function.
- 10.4.4 Press PAGE FORWARD or PAGE BACK to view the other group review pages.
- 10.4.5 Press ESCAPE to exit the ERDS function.
- 10.5 Response to REGULATORY ERDS TSC Alarms
 - 10.5.1 There are two alarms, one for Unit 1 ERDS personal computer and one for Unit 2 ERDS personal computer with audible and visual indication in the TSC. When there is no data being transmitted to the NRC, these alarms will actuate if the PC is not communicating properly with either Unit 1 or Unit 2 plant computer. When data is being transmitted or attempted to be transmitted, the alarm will actuate for any problem with the plant computer or any of the communications equipment that would prevent transmitting data from that PC to the NRC.
 - 10.5.2 If attempting to transmit from either unit ERDS PC and the alarm for that unit actuates, the ERDS should attempt to transmit via the opposite unit's PC if that unit is not already transmitting. It may take up to five minutes to complete the connection. If the connection can still not be made, then the second ERDS alarm will actuate.
 - 10.5.3 If the ERDS alarm has sounded while attempting to transmit, contact computer services personnel to determine if the ERDS is transmitting data to the NRCOC. This will require entry into the computer room for the affected unit. Contacting the NRCOC on the FTS system can also be used.
 - 10.5.4 If the ERDS alarm sounds in a non-emergency condition, contact computer services to determine the cause.
 - 10.5.5 If necessary, have computer services personnel correct the problem.
 - 10.5.6 If the ERDS system is incapable of transmitting data to the NRCOC during a declared emergency, report this to the NRCOC.

11.0 Plant Farley Emergency Call-Out System

The Plant Farley Emergency Call-Out System will be the normal method of contacting on-call TSC, EOF and EOC personnel upon activation of those facilities. Normally, the full staff of all facilities will be called out at the ALERT level.

Call-out can be accomplished in three ways; the preferred sequence is listed below:

1. Plant Farley Emergency Call-Out System. The operation of the system is described in Table 2.
 2. Plant Farley Emergency Call-Out Backup System. The operation of the system is described in Table 2.
 3. MANUAL CALL-OUT - The communicator contacts the on-call crew individually using either pagers or home phone numbers per step 11.4.
- 11.1 Based on plant conditions, the Operations Shift Supervisor/Emergency Director should select the message that is to be sent from Table 2.
- 11.2 Obtain the Scenario Activation Password and the Scenario Identification Numbers from the Unit 2 Shift Supervisor, the Secondary Alarm Station (SAS) Operator (ext.2336), or the Security Shift Foreman (ext. 4611).
- 11.3 Conduct the activation using Table 2 of this procedure. If there is a failure of callout system, conduct a manual callout per step 11.4.
- 11.4 Manual Call-Out

This method of callout should be used if there has been a failure of the Plant Farley Emergency Call-Out System and the backup system.

- 11.4.1 Determine the message to be sent per step 11.1; this is the information that should be provided to the individuals that you are calling.
- 11.4.2 Use Table 3 as a guide for establishing a call list.
- 11.4.3 Establish a call-back phone number different from the phone being used to place calls.
- 11.4.4 Utilize as many people as possible to place calls to minimize the time required to contact on-call staff.

- 11.4.5 If a system-wide pager failure is not indicated, individual pager numbers from the on-call memo may be activated in an attempt to contact individuals.
- 11.4.6 Call home phone numbers from the on-call memo.
- 11.4.7 Continue attempts to contact at least one individual for each position listed on Table 3 until all positions are filled.
- 11.4.8 If any position cannot be filled, inform the Emergency Director.

11.5 Plant Farley Emergency Call-Out System User Response

- 11.5.1 When the on-call individual (caller) receives a page with the 800 number, the caller should call the 800 number from a touch tone telephone.
- 11.5.2 If there is no touch tone phone or one that can be switched to touch tone, the caller should call the plant at the numbers listed below and ask for the shift clerk or the SAS operator to determine the required response.

SSS office	794-0800 or 899-5156	EXT. 4532/6068/2445
Shift Clerk	334-814-4532	
SAS Operator (Secondary Alarm Station) (Security Tower)		
	794-0800 or 899-5156	EXT. 2336
	899-4614	

- 11.5.3 It may take more than one call to connect with the system. If contact cannot be made with the 800 number in a reasonable amount of time, contact the shift clerk as described in step 11.5.2.
- 11.5.4 When the system answers, it will deliver this message: "Hello, this is the Plant Farley Emergency Call-Out System. Please enter your Employee Number followed by the # sign."
- 11.5.5 Enter your 9 digit employee number. The system will repeat it back to you and request verification.
- 11.5.6 If a valid employee number was entered, the system would deliver one of the messages listed on Table 2, followed by "To respond you must be Fit For Duty: Can you respond?"
- 11.5.7 The individuals that are required to respond are the crew that is on call. However everyone should respond if they are available. This all call

concept will help to ensure that the ERO facilities are fully staffed and we provide the best initial response to the emergency.

NOTE: THE COMMITMENT FOR STAFFING THE EMERGENCY RESPONSE FACILITIES IS THAT THEY WILL BE STAFFED AND READY TO PERFORM THEIR FUNCTIONS WITHIN 75 MINUTES TOTAL FROM THE TIME OF A DECLARATION FOR WHICH THEY ARE REQUIRED TO BE STAFFED. THE 75 MINUTE NUMBER IS BASED ON 15 MINUTES FOR NOTIFICATION AND 60 MINUTES TO GET TO THE FACILITY AND BE READY TO PERFORM FUNCTIONS. THIS TIME WILL INCLUDE THE NECESSARY TIME TO DRESS, TRAVEL, GET THROUGH THE PAP. AS AN ON-CALL INDIVIDUAL, YOU ARE OBLIGATED TO BE READY TO MEET THESE TIME REQUIREMENTS.

- 11.5.8 If you are responding, enter a number of 59 or less.
- 11.5.9 The system will verify your response and end the communication with "Thank you, Goodbye".
- 11.5.10 If you do not respond to the pager within 8 to 10 minutes, the system will call the phone numbers that you have provided to us including home phones, cell phones and other numbers that you provided. When the system calls you it waits for a human voice and then responds as described in the previous steps.

12.0 Telecopier Operation

NOTE: THE FIRST STEPS OF THIS SECTION DESCRIBE THE BASIC PROCEDURE FOR TRANSMITTING THE INITIAL NOTIFICATION MESSAGE OF A DECLARED EMERGENCY. THE SAME BASIC PROCEDURE CAN BE FOLLOWED FOR TRANSMITTING ANY MESSAGE.

12.1 Verify Telecopier Operability

- 12.1.1 Ensure the telecopier(s) is (are) energized and displaying the correct date and time. (This shows that the telecopier is on standby and ready for use.)
- 12.1.2 If the correct date and time are displayed, then proceed to step 12.2. If the correct date and time are not displayed, then perform step 12.11 and return to step 12.2.

- 12.2 Instruct all stations via ENN to ensure their telecopier is in receive mode.
- 12.3 Insert documents face down into either operable Canon FAX automatic document feeder.
- 12.4 Transmission to Multiple Locations
 - 12.4.1 Determine the group dialing number from FNP-0-EIP-9.0, Figure 3 or step 12.14.
 - 12.4.2 If a "memory full" message appears when transmitting a document, clear memory per step 12.12 and attempt to transmit again.
 - 12.4.3 Press the button determined in step 12.4.1. The document will be stored in memory and then transmitted. Transmission has started when the green light flashes.
 - 12.4.4 If both telecopiers are operable when the original document has been stored in memory in the first telecopier, return to step 12.3 for the second telecopier.
 - 12.4.5 Re-transmission to individual locations. Press the one-touch speed dialing number that corresponds to the coded speed dialing number for the specific location (reference step 12.14 or FNP-0-EIP-9.0, Figure 3).

OR

Retransmit the message to a different location per step 12.9

- 12.5 When transmission is complete, an activity report will be printed. Verify that the required locations received the message per this report. If an error occurred in the transmission to any location, an error will be indicated with the number of the location not receiving a copy.
- 12.6 Re-transmit to all locations that failed to receive telecopy per step 12.4.4 or 12.9.
- 12.7 The machine is now ready for another transmission.
- 12.8 Verify receipt of all transmissions using the ENN.
- 12.9 Transmitting Documents Manually
 - 12.9.1 Insert documents face down into the document feeder.

- 12.9.2 Dial the number from the keypad on the machine according to the desired location for the transmission.
- 12.9.3 Press START (GREEN KEY). It will feed the document in and then transmit it.
- 12.9.4 If the line is busy or there is no answer, it will attempt two redials.

12.10 Trouble-Shooting

Refer to Canon Instruction Book for trouble-shooting.

12.11 Registering the Date and Time

- 12.11.1 Open both speed dialing covers and press the DATA REGISTRATION BUTTON.
- 12.11.2 With REGISTRATION / 1. DATA REGISTRATION displayed, press SET.
- 12.11.3 With DATA REGISTRATION / 1. USER SETTINGS displayed, press SET.
- 12.11.4 With USER SETTINGS / 1. DATE & TIME displayed, press SET.
- 12.11.5 Use the number keys and the cursor keys to set the correct time in the 24 hour format.
- 12.11.6 With the correct date and time now displayed, press SET.
- 12.11.7 Press STOP, then close the one-touch speed dialing panels.

12.12 Clearing the Memory of Documents That Could Not be Sent:

NOTE: ANY TIME A MESSAGE IS STORED IN MEMORY AND CANNOT BE SENT, IT WILL REMAIN IN MEMORY. IF THIS OCCURS SEVERAL TIMES AND THE MEMORY FILLS UP, NO MESSAGES CAN BE SENT BY ONE-TOUCH DIALING.

- 12.12.1 Press the STOP pushbutton.
- 12.12.2 Open both of the one-touch speed dialing panels and press "memory reference".
- 12.12.3 Press "5", then press "SET" to call up the clear memory file.

12.12.4 If a TX/RX number appears in lower right-hand corner of the display, press "SET", then press ":"**" to erase that message. Continue to press "SET", then ":"**" until there is no number displayed in the lower right-hand corner of the display.

12.12.5 Press "STOP", then close both one-touch speed dialing panels.

12.12.6 Any messages that were in the process of being transmitted will be lost and must be re-transmitted.

12.13 If a document has been received in memory but not printed due to empty paper tray or other problems, the message "received in memory" will be flashing. Clearing memory of documents received but not printed by loading paper, changing the cartridge, or fixing whatever the error that caused the message not to print will cause the message to be printed automatically.

12.14 TSC/EOF telecopiers one-touch speed dialing numbers

12.14.1 To determine which group or individual dialing number to use, based on the current status of the emergency, refer to FNP-0-EIP-9.0, Figure 3.

12.14.2 Alabama Telecopier Individual Speed Dialing Numbers:

One Touch Speed Dialing	Coded Phone Number	Location/ Telephone Number	Keypad Abbreviation
01	9P1334-264-4396	AL Rad.Control (334-264-4396)	ARCD
02	9P1404-627-4850	GEMA (404-627-4850)	GEMA
03	1535	AL Rad.Control Houston Co. (AL FEOC) (OPX 1535)	AL FEOC
04	8-276-4655	Early Co. EMA (GEMA FEOC) (FNP OPX 4655)	GA FEOC
05(from TSC)	1035	EOF (OPX 1035)	EOF
05(from EOF)	1155	TSC (OPX 1155)	TSC
06	8-992-5473	General Office EOC (8-992-5473)	GO-EOC
07	9P1205-280-2495	AEMA (205-280-2495)	AEMA
08	9P18504887841	Florida Dept. of Emergency Management	FDEM
09	8-276-4661	Simulator Used for Drills	SIM

SHARED

12.14.3 Georgia Telecopier Individual Speed Dialing Numbers:

One Touch Speed Dialing	Coded Phone Number	Location/ Telephone Number	Keypad Abbreviation
01	9P1334-264-4396	AL Rad.Control (334-264-4396)	ARCD
02	9P1404-627-4850	GEMA (404-627-4850)	GEMA
03	8-257-1535	AL Rad.Control Houston Co. (AL FEOC) (OPX 1535)	AL FEOC
04	4655	Early Co. EMA (GEMA FEOC) (FNP OPX 4655)	GA FEOC
05(from TSC)	8-257-1035	EOF (OPX 1035)	EOF
05(from EOF)	8-257-1155	TSC (OPX 1155)	TSC
06	8-992-5473	General Office EOC (8-992-5473)	GO-EOC
07	9P1205-280-2495	AEMA (205-280-2495)	AEMA
08	9P18504887841	Florida Dept. of Emergency Management	FDEM
09	4661	Simulator Used for Drills	SIM

NOTE: REFER TO FNP-0-EIP-9.0, FIGURE 3 TO DETERMINE WHEN TO USE THE FOLLOWING GROUP SPEED DIALING NUMBERS.

NOTE: THE ABBREVIATION D-INIT STANDS FOR DUAL TELICOPIERS INITIAL MESSAGE AND IS USED ON BOTH MACHINES IF TWO TELECOPIERS ARE AVAILABLE. INIT STANDS INITIAL MESSAGE AND IS USED IF ONLY ONE MACHINE IS AVAILABLE.

12.14.4 Alabama Telecopier Group Speed Dialing Numbers:

One-Touch Speed Dialing Number	Receiving Locations	Keypad Abbreviation
25	ARCD/AL FEOC/AEMA/TSC/EOF/SIM – when required for drills	D-INIT
28	ARCD/GEMA/AL FEOC/GA FEOC/GO EOC/TSC/EOF/AEMA/FDEM/SIM – when required for drills	INIT
10	GO EOC/TSC/ EOF/FDEM/SIM – when required for drills	FLA INIT

12.14.5 Georgia Telecopier Group Speed Dialing Numbers:

One-Touch Speed Dialing Number	Receiving Locations	Keypad Abbreviation
25	GEMA/GA FEOC/GO EOC/FDEM/SIM – when required for drills	D-INIT
28	ARCD/GEMA/AL FEOC/GA FEOC/GO EOC/TSC/ EOF/AEMA/FDEM/SIM – when required for drills	INIT
10	GO EOC/TSC/ EOF/FDEM/SIM – when required for drills	FLA INIT

13.0 EMERGENCY NOTIFICATION NETWORK (ENN)

- 13.1 There are currently two ENN Systems available at FNP. The first system is the hardwired system that is described in steps 13.2 through 13.10. The second system is the Southern LINC ENN radio system described at step 13.11. The hardwired system is being phased out and will be completely replaced by the Southern LINC in the future.
- 13.2 ENN phones are installed in multiple locations in Alabama and Georgia to provide communication capability between Farley Nuclear Plant (FNP), Alabama Radiation Control Division, Georgia Emergency Management Agency, Houston County Emergency Management Agency, Early County Emergency Management Agency, and the Alabama Emergency Management Agency. The following is a specific listing by address and location of the ENN stations:

<u>Address</u>	<u>Location</u>
11	ALABAMA RADIATION CONTROL AT MONTGOMERY EOC
12	STATE TROOPERS IN MONTGOMERY
13	ALABAMA RADIATION CONTROL AT ALABAMA FORWARD EOC
21	GEORGIA EMERGENCY MANAGEMENT AGENCY AT ATLANTA EOC
22	GEORGIA EMERGENCY MANAGEMENT AGENCY AT GEORGIA FORWARD EOC
31	HOUSTON COUNTY SHERIFF IN DOTHAN
41	EARLY COUNTY EMERGENCY MANAGEMENT AGENCY AT EARLY COUNTY EOC
42	EARLY COUNTY SHERIFF IN BLAKELY
51	ALABAMA EMERGENCY MANAGEMENT AGENCY AT CLANTON EOC
61	FNP SHIFT FOREMAN'S OFFICE
62	FNP TSC

63	FNP EOF
64	FNP ALTERNATE EOF IN HEADLAND
65	FNP EOC IN BIRMINGHAM
71	FNP SIMULATOR
72	FNP SIMULATOR INSTRUCTORS BOOTH

13.3 Press to Talk

All of the phones are muted. In order to talk, the operator must press the button on the handset. The earpiece is always open to allow hearing any conversation on the ENN.

13.4 Disabled Dialing

All of the phones in the system can perform individual dialing, ALL CALL dialing and group dialing except for the State Troopers in Montgomery, Houston County Sheriff in Dothan, and Early County Sheriff in Blakely. These three phones have their dialing disabled.

13.5 Individual Dialing

All phones, except those with disabled dialing, can dial any other phone in the system by dialing the address listed above. Dialing an individual location will ring the location dialed, as well as open the speaker and turn on a red light at that location. Lifting the handset to talk will turn off the red light and close the speaker if that phone normally has a closed speaker. Any phone with an open speaker or with the handset picked up will be able to hear the conversation.

13.6 ALL CALL Dialing

All phones, except those with disabled dialing, can dial phones in the system at the same time by dialing ALL CALL (**). ALL CALL opens all phone speakers, turns on the red light on each phone, and generates a 10 second audible tone from each phone except the initiating phone. The person who initiated an ALL CALL should wait 10 seconds to begin talking in order to allow the audible tone to stop. Anyone listening to the open speaker or with the handset picked up will be able to hear the conversation. For stations that normally have their speakers closed, lifting the handset will close the speaker. Lifting the handset on any phone will turn off that phone's red light. Dialing (*#) can be used to close all normally closed speakers and turn off all red lights. ALL CALL will normally be used for initial notification of emergency classification.

13.7 Group Dialing

13.7.1 Dialing group A3 has been created for internal FNP use for making notifications during drills. Dialing group A1 and A2 are reserved for future use.

13.7.2 When dialing a group number, the phones in the dialed group will respond in the same manner as described in ALL CALL.

13.7.3 Group A3 is to be used for all notifications during drills in which the state and local agencies are not participating. Group A3 includes:

- 61 FNP SHIFT FOREMAN'S OFFICE
- 62 FNP TSC
- 63 FNP EOF
- 64 FNP ALTERNATE EOF IN HEADLAND
- 65 FNP EOC IN BIRMINGHAM
- 71 FNP SIMULATOR
- 72 FNP SIMULATOR INSTRUCTORS BOOTH

13.8 Simulator ENN Phones

The ENN phones in the simulator and the simulator instructors booth are not normally connected to the rest of the ENN circuit. These phones are on a separate bridge that can be used for simulating notifications to state and local agencies during training. During drills, the simulator ENN phones may be connected to the rest of the ENN through a switch in the EOF communications room, room 108.

13.9 Permanently Open Speakers

Locations that have open speakers can hear all conversations that are conducted on the ENN if the handset is in the cradle. If the handset is lifted, the speaker is muted. Replacing the hand set will again open the speaker. The following locations have open speakers:

CAUTION: TO ENSURE THAT COMMUNICATIONS ARE NOT MISSED, PHONES THAT HAVE OPEN SPEAKERS MUST NOT BE LEFT UNATTENDED WITH THE HANDSET OFF OF THE CRADLE OR A HEADSET PLUGGED INTO THE PHONE!
--

- 61 FNP SHIFT FOREMAN'S OFFICE
- 62 FNP TSC
- 63 FNP EOF
- 64 FNP ALTERNATE EOF IN HEADLAND

- 65 FNP EOC IN BIRMINGHAM
- 71 FNP SIMULATOR
- 72 FNP SIMULATOR INSTRUCTORS BOOTH

13.10 Additional Open Speakers

All phones in the system can be made to have open speakers by issuing the command code of CC9907 from any of the FNP phones. If the handset is lifted, the speaker is muted, but replacing the hand set will reopen the speaker. CC9900 closes all speakers that are not permanently open. To open a speaker at a single location dial CCXX07, or to close a speaker at a single location dial CCXX00, where XX is the two digit address for the phone that you want the speaker to be opened or closed.

13.11 Southern LINC ENN

An ENN capability is provided by the Southern LINC radio system. The first and preferred method is using the FEP ENN (Farley Emergency Planning Emergency Notification Network) talk group in the group mode of operation. The second method is using private radio mode of the Southern LINC radio system. Each of these methods is described below. The private radio mode does not meet the requirement for a broadcast system for making notifications.

13.11.1 The following locations have the FEP ENN talk group programmed in their phones:

<u>Location</u>	<u>Title</u>	<u>Number</u>
<u>SNC ENN LOCATIONS</u>		
Control Room U2 SS desk <u>OR</u>		
SSS/OSS office in Control Room	ENN CR FNP	1300
Communication area TSC	ENN TSC FNP	1301
Communication area EOF	ENN EOF FNP	1302
SS desk in simulator	ENN SIM FNP	1326
Corporate EOC in Birmingham	ENN EOC FNP	1316

STATE OF ALABAMA OFFICIAL NOTIFICATION POINTS

NOTE: ENN HOUSTON meets the requirement for notifying Houston County for a General Emergency or the State of Alabama if Radiation Control and State Troopers cannot be contacted. It is also the Alabama Forward Emergency Operations Center (FEOC).

Alabama Radiation control in Montgomery	ENN ARCD	1305
State Troopers in Montgomery (24 hr/day)	ENN ARCD WP	1303
Houston County EMA <u>OR</u>		
Houston County Sheriff Dispatcher (24 hr/day)	ENN HOUSTON	1307

STATE OF ALABAMA COURTESY NOTIFICATION

Alabama Emergency Management in Clanton, Al

ENN AEMA

1306

STATE OF GEORGIA OFFICIAL NOTIFICATION POINTS

NOTE: ENN EARLY meets the requirement for notifying Early County for a General Emergency or the State of Georgia if GEMA cannot be contacted. It is also the Georgia Forward Emergency Operations Center (FEOC)

Georgia Emergency management Agency in Atlanta (24 hr/day) ENN GEMA FNP 1304

Houston County EMA OR

Houston County Sheriff Dispatcher (24 hr/day)

ENN EARLY

1308

STATE OF GEORGIA COURTESY NOTIFICATION

Georgia Department of Natural Resources

ENN GDNR

1339

- 13.11.2 Refer to step 19.0 of this procedure as necessary for general instructions for using the Southern LINC system.

- 13.11.3 The FNP ENN communicator may at their discretion transfer all ENN communications to the Southern LINC FEP ENN talk group as follows:

- Go to a FEP ENN Southern LINC radio at one of the SNC locations described in step 13.10.1.
- On the radio push the GROUP push button.
- If FEP ENN is not displayed push the right or left arrow keys () until MODE 1 is displayed then push the • key under OK.
- If FEP ENN is still not displayed, press the phone or private key and then push the group key again.
- If FEP-ENN is still not displayed, then use of the FEP ENN talk group cannot be done from that radio.
- When FEP ENN is displayed, then pick up the handset and press the push to talk button, wait for the chirp then speak into the handset microphone. OR
- When FEP ENN is displayed then press the push to talk button on the base (TX for CR or SSS office, / for other radios), wait for the chirp, then speak into the base microphone.
- You must release to listen.
- For long messages stop at approximately 30 seconds intervals and release the button to allow the receivers to provide feedback. This also ensures that a timer will not automatically terminate your transmission without you realizing it.
- For emergency declarations or upgrades, follow the directions for the verbal notification forms in guidelines 1 through 4 of FNP-0-EIP-9.0 with the exception of not dialing the command codes to open or close speakers and not dialing ** to call all stations.

13.11.4 If it is not reasonable to transfer all ENN communications to the Southern LINC FEP ENN talk group/Backup ENN, then calling a single failed ENN location with a Southern LINC radio in the private mode can be used as an additional method of contacting that location as follows:

- Go to any SNC Southern Link radio.
- On the radio push the PRVT push button.
- Using the numbers listed in step 3.10.1, determine and dial the four digit number for the desired ENN location.
- When PRVT READY or PRIVATE is displayed, then pick up the handset and press the push to talk button, wait for the chirp then speak into the handset microphone. OR
- When PRVT READY or PRIVATE is displayed then press the push to talk button on the base (TX for CR or SSS office, / for other radios), wait for the chirp, then speak into the base microphone.
- You must release to listen.
- For long messages stop at approximately 30 seconds intervals and release the button to allow the receivers to provide feedback. This also ensures that a timer will not automatically terminate your transmission without you realizing it.

13.12 Backup ENN

13.12.1 A backup ENN is required only to be used during testing, a drill, or actual emergency when it is necessary to contact one or more locations that have had a failure of their normal ENN. It is not necessary to take any steps to establish a backup ENN if at other times it is discovered that the ENN or an ENN phone has failed. The Southern LINC radio system is normally on line and operational; therefore, the backup ENN is normally on line and operational.

13.12.2 The phone bridge described in step 15 can be used as a backup to the ENN when the TSC is staffed and there is a failure of the ENN that prohibits continuous communications with required locations. Have all locations call in to the backup ENN per step 15 and discontinue the use of the normal ENN.

13.13 Drill Notifications

When any drill notifications are made and the state and local agencies are not participating, dial group A3, then notifications shall be made over the ENN as described in the FNP-0-EIP-9.0 Guideline 1 through 4 Verbal Notification Forms. The command code to open the speakers should not be used. If the Southern

LINC ENN is being used the group mode would normally be used and all locations will hear transmissions.

13.14 First Initial Notification of any Level of Declared Emergency will be performed in accordance with FNP-0-EIP-9.0 Guideline 1 through 4 Verbal Notification.

13.15 Upgrade to a higher level emergency classification will be performed in accordance with FNP-0-EIP-9.0 Guideline 1 through 4 Verbal Notification Form.

13.16 False Notification

13.16.1 In the event of an attempted false notification or other misuse of the ENN, FNP personnel will receive the message transmitted. If the message is an attempt to cause a false notification, FNP supervisory personnel will place a call and state "Negative, Negative, Negative", followed by "This is (Name and Title), acknowledge negative".

Dispatchers will acknowledge and proceed in accordance with their procedures.

13.17 Subsequent Communications

The ENN may also be used for coordination of public notification system activation, for the transmission of technical, radiological and meteorological data, for recommendations based on evaluation of this data, for transmission of action statements, and for verification of receipt of telecopied data.

The Technical Support Center (TSC) or the Emergency Operations Facility (EOF) shall be net control for all ENN communications. The TSC or EOF shall have priority in transmitting information and may govern ENN use by other organizations.

13.18 Communications Checks

The ENN will normally be tested the first Tuesday of each month, per FNP-0-STP-60.0. This time may be changed based on agreement with all parties involved with the STP.

13.19 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.

13.20 Records

Records of communication checks will be documented per FNP-0-STP-60.0.

14.0 Paging Instructions

Instructions for operating the various pager systems is contained in the on call memo.

15.0 Emergency Phone Bridges

A telephone bridge is installed in the Birmingham Inverness office that can be used to provide convenient communications links during drills or actual emergencies. The bridge is a Plant Farley system and the Farley Emergency Response Organization has priority use of this bridge during actual emergencies or plant drills.

A Management bridge can be established to allow the managers in each of the facilities to be in constant communications with one another. A separate Status Board Keepers bridge can be setup to allow the status board keepers in each of the facilities to communicate directly with one another.

In the event of a failure of the ENN, a backup ENN can be established using this bridge.

During normal operations the bridges may be used to conduct routine business conference calls.

- 15.1 To schedule a routine business conference call contact one of the following:
 - Administrative Assistant for a Farley Assistant Plant Manager at the plant.
 - Secretary for the Farley Plant Manager at the plant.
 - Secretary for the Farley Project Vice President in Birmingham.
 - Secretary for the Farley Project General Manager in Birmingham.
- 15.2 To schedule a long term recurring use of the bridge contact the Farley Corporate or Site Emergency Planning coordinator.
- 15.3 After a conference has been scheduled you will be provided with a password to use for that conference.
- 15.4 To access the bridge dial one of the following numbers
 - From a Farley 276 prefix telephone or OPX dial 6600.
(This number will auto dial 8-992-6600.)
 - From a Farley 276 prefix telephone or OPX dial 8-992-6600
 - From a Birmingham Inverness telephone dial 6600
 - From a commercial telephone dial (205) 992-6600
 - From any other company telephone dial 8-992-6600

- 15.5 When the bridge has been accessed follow the instructions enter the appropriate password when requested.
- 15.6 The passwords and general instructions for the Emergency Response Organization bridges will be located with the procedures of those people that would normally be required to use the bridge in the emergency response facilities.

16.0 Operation of the WEBEOC

- 16.1 The WEBEOC is a web based system that allows an easy transfer of information among various agencies and in the plant. This section of the procedure will describe the basic operation of the WEB EOC system for use in the CR, TSC, OSC, and the EOF.

16.2 Log on to the WEBEOC system

- Open internet explorer at Southern Today.
(<http://sotoday.southernco.com/>)
- Go to choose a company and select Southern Nuclear.
(<http://sotoday.southernco.com/snc/default.shtml>)
- Select Business Units & Departments.
(<http://sotoday.southernco.com/snc.busdept.shtml>)
- Select Corporate Emergency Planning.
(<http://snc.southernco.com/sncep/sncep.htm>)
- Select the WEBEOC link on that page.
- From the WEBEOC page select the following:
 - Jurisdiction = Plant Farley
 - Name = Select a name appropriate for your position (normally it will start with FNP).
 - Password = Use the password obtained from the Unit 2 SS, ED/TSC managers desk in the TSC or the EOF managers drawer in the EOF.
 - Incident = Actual Event at Farley. For drills a specific incident such as "Drill @ Farley 7/16/03" will be available and should be used.
 - Click on "LOG IN."

16.3 Viewing a WEBEOC page

- From the Southern Nuclear WEB EOC selection page, click on the small box next to the Web EOC page(s) that you wish to view.
- The window that comes up can be minimized, sized, or moved as necessary for appropriate viewing.
- If the number of entries that you can view is limited on a page that you are viewing, perform the following:
 - Click on the large box next to the Web EOC page(s) that you wish to modify.

- From the modification page select SORT.
- From the sort page, select the number of entries that you would like to view.
- From the sort page select apply.

16.4 Updating and maintaining a WEBEOC page

- From the Southern Nuclear WEB EOC selection page, click on the large box next to the Web EOC page(s) that you wish to modify.
- When the page comes up, enter the data in the appropriate fields and click on save.
- From the same page you can filter, sort, and print the information.

16.5 Control Room/Simulator operator should maintain the following pages:

- 1 SNC Emergency Status. Update the emergency status from the control room/simulator when the emergency classification is made from the control room.
- 5 SNC Significant Events. Update the significant events page as though it were a control room log the same as if you were using auto log.

16.6 TSC Status loop communicator should maintain the following pages:

- 1 SNC Emergency Status. Update the emergency status from the TSC when the emergency classification is made from the control room.
- 5 SNC Significant Events. Update the significant events page based on input from the TSC staff.
- 6 SNC Technical Problem Status. Update the technical problem status page based on input from the TSC staff. The Maintenance Supervisor should provide the major input to this page.
- 9 Task Assignment. Update the task assignment page based on input from the TSC staff. The Emergency Director and Maintenance Supervisor should provide major input to this page.
- SNC Status Loop Log. Update the SNC status loop log based on activities in the TSC.

16.7 EOF Status loop communicator should maintain the following pages:

- 5 SNC Significant Events. Update the significant events page based on input from the EOF staff.
- 6 SNC Technical Problem Status. Update the technical problem status page based on input from the EOF staff. The Dose Assessment Supervisor and the EOF support coordinator should provide the major input to this page.

- 9 Task Assignment. Update the task assignment page based on input from the EOF staff. The EOF Manager and EOF support coordinator should provide major input to this page.
- SNC Status Loop Log. Update the SNC status loop log based on activities in the EOF.

16.8 TSC and EOF FMT communicators should maintain the field team log page.

16.9 TSC and EOF Dose Assessment staffs should maintain the 3 SNC off site radiological conditions page.

16.10 The OSC staff should maintain the OSC log page.

16.11 The TSC and EOF ENN communicators should maintain the SNC communicator log.

16.12 Maintaining a typical layout for a three screen WEBEOC display

The information that is to be displayed in a three screen WEB EOC display is totally up to the individuals in the facility and their needs. The recommended displays listed below are typical and do not have to be followed exactly. However, if you have no other pages to display these are a good starting point.

16.12.1 Figure 6 shows a typical display for the left hand screen. Recommended pages to display are screen 9 Task Assignments and Screen 6 SNC technical problem status.

16.12.2 Figure 7 shows a typical display for the center screen. Recommended pages to display are screen 1 SNC Emergency Status and Screen 3 SNC significant events.

16.12.3 Recommendation for the right hand screen is a plant data display screen such as the ERDS pages or a PPC screen.

17.0 Westinghouse Event Data Checklist

In the event that data is required to be sent to Westinghouse for evaluation during an emergency, the checklist shown in Figure 2 can be used to help ensure completeness and accuracy.

18.0 Satellite Telephone Operation

A portable satellite telephone is located on-site in the Emergency Planning office. This phone is available to the staff of the EOF or the TSC at any time that there is a need to

communicate off-site and other methods of communication have been disrupted due to severe weather or other problems.

18.1 General Information

- 18.1.1 The phone is located in the Emergency Planning office storeroom, with a case that contains accessories.
- 18.1.2 The phone number for this phone is (888) 863-3170.
- 18.1.3 There is a locking function for the phone to prevent unauthorized use. The word "locked" will be displayed when the phone is locked. To clear the lock function, dial zero-zero-zero. There will be no audible tone when dialing these numbers.
- 18.1.4 Another satellite telephone will normally be located in the FNP EOC Emergency Equipment Storage Cabinet at the Birmingham SNC Corporate Headquarters. If needed, this phone can be relocated to any of the SNC sites by the Birmingham Staff. The phone number for the FNP EOC phone is (888) 863-3169. Operation of the FNP EOC phone is identical to the operation of the FNP EOF phone.
- 18.1.5 An operating manual is located in the accessories case.
- 18.1.6 There is a battery installed in the phone case and a spare battery in the accessory case. Both batteries are maintained fully charged. Refer to the operating manual, page 90, for instructions on replacing the battery.
- 18.1.7 Normal battery life is one hour talk time and 8 hours in the standby mode.
- 18.1.8 An AC/DC converter is located in the accessory case. The installed battery can be charged while the phone is in use or the spare battery can be charged outside the phone case. Refer to the operating manual, pages 98, 99 and 100, for charging and use instructions.
- 18.1.9 A cigarette lighter adapter is located in the accessory case that will allow use of the phone from a vehicle. The phone may or may not be charged when connected to a vehicle cigarette lighter. Refer to the operating manual, page 104, for charging and use instructions. There is a 12 volt DC power supply located in the security tower at the CSC that is used for the cellular phone located there. The cigarette lighter adapter will work in the CSC power supply.

- 18.1.10 There is an 18 foot antenna extension cord located in the accessory case that will allow use of the phone remotely from the antenna. Refer to the operating manual, page 102 and 103, for instructions.

18.2 Phone Setup

- 18.2.1 Set the case on a flat level surface.
- 18.2.2 Set the combination lock for the phone case to zero-zero-zero.

CAUTION: THE LID MUST BE LOCKED IN THE OPEN POSITION TO PREVENT INJURY. THE LID IS THE ANTENNA AND IS VERY HEAVY.

- 18.2.3 Open and lock the lid to approximately 50 degrees, as indicated by the angle indicator on the outside of the lid brace, on the right hand side of the case. The lock is also on the brace on the right hand side of the case.
- 18.2.4 Remove the compass from the phone and determine where 220 degrees is located (approximately South-West).
- 18.2.5 Aim the antenna (lid) of the phone case to approximately 220 degrees (approximately South-West).
- 18.2.6 Ensure that there is a clear path (thru a window or outdoors) toward the satellite. If there is not a clear path, then relocate the phone and repeat the initial setup steps.

CAUTION: STAY MORE THAN 36 INCHES FROM IN FRONT OF THE ANTENNA (PHONE CASE LID) DURING TRANSMISSION DUE TO HIGH RADIO FREQUENCY ENERGY. ANYTIME POWER IS ON TO THE PHONE, IT MAY AUTOMATICALLY TRANSMIT.

- 18.2.7 Turn on power to the case with the toggle switch, inside the case in the lower left hand corner. A green light will come on if the battery condition is good. If the battery is low, the light will be red instead of green
- 18.2.8 Turn on power to the phone by pressing and holding the PWR button on the phone handset for at least one half second. When an audible tone is heard, you can release the button.
- 18.2.9 The top line of the display will have (BnnSnn), where B stands for beam number and nn stands for a beam number between 0 and 5, and S stands for signal strength and nn stands for a signal strength number between 0 and 40.

- 18.2.10 The beam number should be B01. If some other number is displayed, press the “#” button several times with short quick strokes until the beam number displayed is B01.

NOTE: A MINIMUM SIGNAL STRENGTH FOR OPERATION IS S09. A NORMAL SIGNAL STRENGTH FOR THIS AREA WOULD BE GREATER THAN S15.
--

- 18.2.11 The signal strength will be some number between S00 and S40. Rotate the case from side to side and change the elevation of the lid up and down until the maximum signal strength is observed.
- 18.2.12 Press the * key, the phone will go through the initialization process. When the phone is ready to use, the top line of the display will read the beam and signal strength as described above and the second line will read -ON-. This process may take up to 30 seconds.

18.3 Placing and Receiving Phone Calls

- 18.3.1 The phone must be setup per the previous steps to place a call.
- 18.3.2 To place a call, dial (1+area code+seven digit phone number) then press SEND. All calls are long distance on the satellite telephone.
- 18.3.3 To receive a call, after the phone rings press any key but the PWR key or the up and down arrows.
- 18.3.4 To end a call, press the END key.

18.4 Shutting Down the Satellite Telephone

- 18.4.1 Press the PWR key on the phone for greater than one half second.
- 18.4.2 Turn off the power toggle switch in the case.
- 18.4.3 To close the case, place the phone receiver in its proper location and align the cord as shown on the caution inside the case. Unlock the lid lock and ensure that the lock is returned to the flat position. When closing the case, the antenna cushion will have to compress, requiring a significant pressure to get the case to lock.
- 18.4.4 Return the Phone and the accessory case to Emergency Planning personnel.

19.0 Southern LINC Phone and Radio System Operation

19.1 Radio Mode of Operation

The basic mode of operation of the Southern LINC system is in the radio mode. Radio calls can be made from anywhere in the Southern Company service area to anywhere in the Southern Company service area. Radio calls cannot be made or received from outside the Southern Company service area. Radio Mode is the most cost effective method of using the system. The only cost is the monthly fee for radio operation. There are no per minute charges or long distance charges. The radio mode is also the most system/trunk efficient method of operation. When in the radio mode, a Southern LINC trunk is tied up only during the time that a push to talk button is pressed. As soon as the button is released, the trunk is released for other uses. When in the radio mode, private calls and group calls can be made to other Southern LINC radio users that are in the same fleet or between radios if both are setup for cross fleet operation. None of the base stations at FNP are setup for cross fleet.

19.2 Phone Mode of Operation (for radios that are programmed for phone operation)

Another way of operating the system is similar to a cellular phone. Phone calls can be made or received from anywhere in the Southern Company service area to or from any telephone anywhere. Phone calls cannot be made or received from a Southern LINC radio outside the Southern Company service area without incurring a significant roaming fee and long distance charges. The phone mode is much less cost effective than the radio mode. In addition to the monthly fee there is a per minute charge and long distance charges if the call is being made to an area that is outside of the Southern Company service area. There are no long distance charges for phone calls that are within the Southern Company service area. The phone mode is also the least system/trunk efficient method of operation.

19.3 Southern LINC Fleets

Southern LINC radios at FNP are grouped in several fleets. Examples of these fleets are listed below:

- Southern Nuclear fleet
- Alabama Emergency Management Agency fleet
- Georgia Emergency Management Agency fleet
- Alabama Power Company fleet
- Southern Company Services

Radios can only communicate as radios with other radios in the same fleet unless both radios are setup for cross fleet operation. Phone calls can be made to radios in other fleets that are equipped with phone capabilities.

The Southern LINC radios that are assigned for use by Emergency Planning are in the Southern Nuclear fleet.

19.4 Farley Nuclear Plant Individual or Base Station Identification / Phone Numbers

Each radio has an identification number that identifies that radio. If the radio is equipped with phone capabilities, the identification number is the four digit extension. The identification number may be used when calling that radio in the radio mode if the calling radio is in the same fleet or both radios are setup for cross fleet operation.

19.5 Farley Nuclear Plant Designated Talk Groups

FNP has established six different talk groups within the SNC fleet that can be used in support of Farley Emergency Planning. These groups are as follows:

19.5.1 Group 1, Emergency Notification Network (FEP ENN) – This is a talk group that can be used to notify the state and local agencies in Alabama and Georgia of emergency classifications.

Examples of radios with the FEP ENN group assigned are:

- Unit 2 Shift Supervisor/Shift support Supervisor's Office (base)
- TSC ENN Communicator (base)
- EOF ENN Communicator/ (base)
- Simulator Shift Supervisors desk (base)
- FNP EOC in Birmingham (base)
- Houston County EMA/Sheriff in Dothan (base)
- Alabama Radiation Control in Montgomery (base)
- State Troopers in Montgomery (base)
- Alabama EMA in Clanton (base)
- Early County EMA/Sheriff in Dothan (base)
- Georgia EMA in Atlanta (base)

19.5.2 Group 2, Management group (FEP MGMT) – This is a talk group that can be used to coordinate efforts of management personnel in an emergency. This is a backup to the hardwired management bridge currently used during drills and emergencies.

Examples of radios with the FEP MGMT group assigned are:

- Unit 2 Shift Supervisor/Shift Foreman's Office (base)
- Emergency Directors (portable)

- EOF Managers (portable)
- SNC Duty Managers (portable)
- EOF support Coordinator desk (base)
- Emergency Directors desk(base)

19.5.3 Group 3, Field Monitoring Team group (FEP FMTs) – This is a talk group that can be used to coordinate, control, and direct the Field monitoring teams during drills and emergencies.

NOTE: FMT BAG PHONES DO NOT HAVE PHONE CAPABILITIES AND CAN ONLY STORE 9 PRIVATE NUMBERS. OPERATION OF THE FMT BAG PHONES IS DISCUSSED IN FNP-0-EIP-4.0.

Examples of radios with the FEP FMT group assigned are:

- FMT 1, 2 and 3 (bag phone)
- Emergency Vehicle(bag phone)
- EOF and TSC FMT Communicator (base)

19.5.4 Group 4, Public Information Group (PI) – This is a talk group that can be used to coordinate press releases and other information relative to public information during drills and emergencies.

Examples of radios with the PI group assigned are:

- EOC PI staff (portable)
- NMC PI staff (portable)
- APCO PI staff (portable)

19.5.5 Group 5, Emergency Planning group (EP) – This is a talk group that can be used to coordinate EP activities specifically for Farley Nuclear Plant.

Examples of radios with the EP group assigned are:

- EP Coordinators (portable)
- EP Nuclear Specialists (portable)

19.5.6 Group 10, SNC Emergency Planning group (SNCEP) – This is a talk group that can be used to coordinate EP activities among all Southern Nuclear plants.

Examples of radios with the SNCEP group assigned are:

- EP Coordinators (portable)
- EP Nuclear Specialists (portable)

19.6 Radio Component Operation

19.6.1 Operation of the Push to Talk (PTT) for Radio Transmissions

NOTE: FAILURE TO WAIT FOR THE CHIRP TONE WILL CAUSE THE FIRST PART OF YOUR RADIO TRANSMISSION TO BE LOST.

Press and hold the Push to Talk (PTT) to talk, wait for the chirp tone before speaking, and release the PTT to listen. Observe the following conventions:

- Base station with handset – PTT is on the side of the phone.
- Base station as speaker phone - PTT is at the bottom of the cradle.
- Zetron as speaker phone - The TX button is the PTT.
- Zetron handset - PTT is inside of the handset.
- Upon pressing PTT, you will hear one of the following alert tones:
 - ❑ A high, chirp-like tone indicates that you have permission to talk. Begin speaking after the tone.
 - ❑ A low, continuous tone indicates that you cannot talk at this time. Wait a moment and try again.
 - ❑ A busy-like tone indicates that the system is busy. Wait for a call-back (high-pitched) tone, then try again.
- A time-out timer may limit the amount of time you can continuously talk. When the allotted time expires, you will hear a low-pitched cut-off tone.

19.6.2 Base Station Speakerphone Operation

When the handset is in the cradle, the speaker capability is automatically turned on. The PTT push button is located at the bottom of the cradle. The PTT for the zetron units is the TX key.

19.6.3 Volume Control Buttons

Volume control buttons are on the right side of the base station handset while looking at the display, just below the mute button.

- With the phone being held to the ear during a call in progress pushing the volume control buttons, adjust the ear piece volume.
- With the phone ringing pushing the volume control buttons, adjust the ringing volume.

Volume for Zetron Units is controlled by an adjustment knob that affects all functions.

19.6.4 Turning the Radio On and Off

The base station on/off button is in the lower right hand corner of the key pad. This on/off button has been disabled. For the base stations, the power supply on/off switch must be used to turn the radio on or off.

19.6.5 Pass Codes

The default pass code for all of the phones is "0000". The pass code for all of the base stations will remain "0000". If you change the pass code for your portable phone, ensure that someone besides yourself has that pass code.

19.6.6 Selecting Modes of Operation

- To select the Group Mode, push the Group push button. Group Ready should be displayed.
- To select Private Mode, push the Private push button. Private Ready should be displayed.
- To select Phone Mode, push the Phone Group push button. Phone ready should be displayed.

19.6.7 Select Radio or Phone to be called by entering the radio identification or phone number on the key pad as determined for appropriate phone lists.

19.7 Placing a Group Radio Call

A group call consists of a service area and a talk group. Service areas are geographic areas of coverage for your radio. SNC fleet phones all use wide area only and no area selection is required. Most SNC fleet radios at Farley Nuclear Plant are programmed with one talk group only and no talk group selection is required. The Southern LINC phones at the Shift Supervisors desk (control room and simulator) and the Shift Foreman's office have two talk groups programmed.

19.7.1 Select Group Mode

19.7.2 Select talk group in the control room or simulator with the arrow keys for mode 1 (ENN) or mode 2 (MGMT) and press the dot under **OK**.

19.7.3 Operate the PTT button to make the call.

19.8 Receiving a Group Radio Call

19.8.1 No action is required to receive a group call as long as the radio is turned on. You are selected to the designated group for that radio and you are not involved in an active phone or active private radio conversation. Your radio is automatically switched into the group mode in the group that has just called you.

19.8.2 Operate the PTT to respond to the call.

19.9 Placing a Private Radio Call

A private call is a radio call between two individuals. No other radios can hear the conversation. A private call is placed by selecting the radio ID for the person you want to call.

19.9.1 Select Private Mode.

19.9.2 Select radio to be called.

19.9.3 Operate the PTT button to make the call.

19.10 Receiving a Private Radio Call

19.10.1 No action is required to receive a private call as long as the radio is turned on and you are not involved in an active phone or active group radio conversation. Your radio is automatically switched into the private mode with the individual that has just called you.

19.10.2 Operate the PTT button to respond to the call.

19.11 Call Alert

You can initiate a Call Alert from either group or private mode. An alert tone notifies the targeted person that you want to get in touch with them. A call alert is placed by selecting the radio ID for the person or group you want to alert.

19.11.1 Sending a call alert

- Select private or group mode.
- Press dot under **Alert**
- Select the individual or group desired.
- Press the push to talk.
- If the targeted unit is out-of-range or turned off an alert tone is heard, and an error message is displayed.

CAUTION AFTER A CALL ALERT HAS BEEN RECEIVED YOU WILL NOT BE ABLE TO RECEIVE ANY PRIVATE, GROUP, OR PHONE CALLS UNTIL THE ALERT HAS BEEN ANSWERED OR CLEARED.

19.11.2 Receiving a call alert

Four recurring alert tones signifies that you have received a Call Alert. In addition, a message appears on the display identifying the person attempting to contact you.

- To talk to the person, press PTT.
- To reject the Call Alert, press the dot under **Clear**.
- To silence the recurring alert tones only, press any key (except PTT).
- To place the Call Alert into a stack for later recall, press the dot under **Queue** or select a Mode.

19.11.3 Receiving a call alert that has been stacked

If you receive multiple Call Alerts that have been stacked, the last received Call Alert will be displayed and the remaining Call Alerts will be stacked at the beginning of the queue.

- Press the dot under **Alert**
- Press the dot under **Queue**
- Press the arrow keys to scroll to the desired call alert.
- To reject the Call Alert, press the dot under **Clear**
- Press the PTT to respond to the Call Alert.

19.12 Phone Operations

Phone mode allows you to place and receive phone calls to or from any telephone. This mode also provides additional phone features such as: Call Waiting, Call Forwarding, and Call Hold. While using the phone mode of operation, one channel on the tower is continuously tied up and reduces the capabilities of the system. If the party being called is on the same Southern LINC fleet then the radio mode in group or private should be used.

19.13 Receiving a Phone Call

19.13.1 A ringing tone alerts you of an incoming phone call. In addition a message is displayed.

19.13.2 To answer the call push the send button.

19.13.3 To reject or terminate calls push the end button.

19.14 Placing a Phone Call

19.14.1 Select the Phone Mode

19.14.2 Select the phone number to be called.

19.14.3 Initiate the call by pushing the send button.

19.15 Last Number Redial

You can redial the last number dialed by pressing SEND. To review the last number dialed before sending, press **SPD#0**.

19.16 Automatic Redial

This feature automatically redials a phone number when the system is busy. If you receive a fast busy tone when dialing, press SEND instead ending the call. "REDIAL" appears on the display indicating that you have selected this feature. The unit will attempt to place the call continuously for the next four minutes. The phone will ring once alerting you that your call is being placed.

To cancel Automatic Redial, press END.

19.17 Forward All Calls

This feature allows you to forward all incoming calls to a desired number.

- Select the Phone mode.
- Press square or menu until **Forwd** appears.
- Press the dot below **Forwd**
- Enter the phone number to forward all calls to.
- Press the dot below **On**
- Press the dot below **Exit**
- To cancel forward all calls, press the dot below **Forwd** then **Off** then **Exit**

There are four types of Call Forwarding services: Forward All Calls, Busy Transfer, No-Answer Transfer, and No-Reach Transfer. Refer to the users manual for implementation of these services.

19.18 Call Hold

This feature places a call on hold. Placing a call on hold allows you to make a second call. You can alternate between the two calls by pressing HOLD. While talking with someone in the phone mode:

- Press square and arrow keys or menu until **Hold** appears.
- Press the Dot under **Hold**
- Place a call to another party as described above.
- Press the Dot under **Hold** as necessary to switch between the two calls.

19.19 Three Way Call

This feature allows you to make a second call while already talking on the phone and join the two calls into a three way call. You must initiate the second call and you cannot place either party on hold while in a three way call. This feature will not function from the base units. While talking with someone in the phone mode:

- Press menu until **3 Way** appears.
- Press the Dot under **3 Way**
- Place a call to another party as described above.
- Press the Dot under **3 Way** to connect the two calls.

19.20 Call Waiting

Call Waiting allows you to answer an incoming call while you are speaking on the phone. A distinctive tone and a display message alert you of an incoming phone call. While talking with someone in the phone mode you will be alerted by an audible tone and a message.

- To accept the call press the dot under **Yes**
- To alternate between the two parties press the dot under **Hold**
- To reject the second call press the dot under **No**

19.21 Zetron Features

19.21.1 When using the zetron unit in the phone mode, the push to talk button on the handset must be pushed while talking and can remain depressed while listening. The button should be released periodically to ensure that timer does not release the phone. This feature determines which one of the zetron units has control of the phone.

- 19.21.2 An intercom is available between zetron units connected to the same radio by pressing the ICOM button. PTT and TX will operate the intercom and will not activate the radio in this mode. Any radio transmissions can be heard during this time. Pressing ICOM a second time will exit the intercom mode.
- 19.21.3 A secure mode can be entered and exited by pressing the padlock key. When in the secure mode, any other station is locked out from controlling the radio and hearing any conversations over the radio.
- 19.22 Placing a Phone Call to a Southern Link Phone
 - 19.22.1 From any commercial telephone, dial 1 plus the area code and the seven digit phone number. The caller will have to pay toll charges.
 - 19.22.2 From any Southern Company Phone with dial 8 capability including Southern LINC phones, dial 8 plus the seven digit phone number

REFERENCES

1. Joseph M. Farley Nuclear Plant Emergency Plan
2. Westinghouse Emergency Response Plan
3. Dialogic Users Manual (online) |
4. Canon FAX-L770 Instruction Book
5. AVAYA Users Guide (online) |
6. FNP-0-EIP-8, Emergency Communications
7. FNP-0-EIP-8.1, Emergency Phone Directory
8. FNP-0-EIP-8.2, Plant Personnel Home Telephone Directory
9. FNP-0-EIP-9.0, Radiation Exposure Estimation and Classification of Emergencies

INFORMATION FOR EMERGENCY RESPONSE NOTIFICATION SYSTEM ACTIVATION

1. Obtain the SCENARIO ACTIVATION PASSWORD and the SCENARIO IDENTIFICATION NUMBERS from the Unit 2 Shift Supervisor, the SAS Operator, or the Security Shift Foreman.

SCENARIO ACTIVATION PASSWORD: _____

2. Operations Shift Superintendent, Shift Supervisor (Emergency Director) determine the message to be sent from step 10.

Message Number: _____

SCENARIO IDENTIFICATION NUMBER: _____

3. Call the Farley Emergency Callout System in Dothan at 9-702-2548 and follow the phone instructions to activate a scenario. If the Farley Emergency Callout System cannot be activated at this number then, go to step 9 to activate the backup system.
4. When the system requests it, input the SCENARIO ACTIVATION PASSWORD obtained in step 1 and the SCENARIO IDENTIFICATION NUMBER associated with the message number determined in step 2.
5. When directed press the three key on the phone to activate the scenario.
6. When the system informs you that the scenario is building hang up the phone.
7. If there was a problem activating the Farley Emergency Callout System then, go to step 9 to activate the backup system.
8. When the Farley Emergency Callout System or the backup activates, the following will occur:
 - 8.1 Emergency Response Organization pagers will be activated with the (800) number.
 - 8.2 The SFM in the SAS should call the Shift Clerk when the ERO pager activated.
 - 8.3 The system will call the Shift Clerk. The call from the SAS and this phone call allows verification that the system has activated.
 - 8.4 For eight to ten minutes, the system will accept calls from individuals that have called in from the pager activation.
 - 8.5 After eight to ten minutes the system will continue to accept inbound calls and will also call all of the individuals in the database that have not responded to the 800 number.
 - 8.6 As individuals call in or are called, they will have to identify themselves by entering their employee number, receive the message selected in step 2, respond if they are coming to the plant and enter the number of minutes if they are coming to the plant
 - 8.7 Every 15 minutes for the duration of the callout, a printout will be sent to the Shift Clerks office and/or the fax machine in the TSC listing the people that have responded.

9. If the system has failed to activate, call the backup system at (800) 475-9705. Enter the company ID code of 1044 and proceed as described in steps 4 through 7.
10. If both systems have failed to activate, proceed to FNP-0-EIP-8.3, step 11, to manually callout the emergency response staff.
11. Message Numbers

Message 1 EMERGENCY CALL OUT

Scenario Identification Number: _____

THIS IS NOT A DRILL, I repeat THIS IS NOT A DRILL. This is a call-out of the Farley Emergency Response Organization due to a declared emergency. Respond to your Emergency Response Facility as quickly and safely as possible. THIS IS NOT A DRILL.

Message 2 SECURITY EVENT CALL OUT

Scenario Identification Number: _____

THIS IS NOT A DRILL, I repeat THIS IS NOT A DRILL. This is a call-out of the Farley Emergency Response Organization. An emergency has been declared at the plant due to a security event. If responding from off site, the EOF and TSC staff should respond to the alternate EOF in Headland as quickly and safely as possible. If you are currently on site, do not try to leave the plant or report to your emergency response facility. Follow the directions issued over the plant public address system. THIS IS NOT A DRILL

Message 3 DRILL CALL OUT

Scenario Identification Number: _____

THIS IS A DRILL, I repeat THIS IS A DRILL. This is a call-out of the Farley Emergency Response Organization due to a drill or exercise. Respond to your Emergency Response Facility as quickly and safely as possible. THIS IS A DRILL

Message 4 COMMUNICATIONS TEST

Scenario Identification Number: _____

THIS IS A DRILL, I repeat THIS IS A DRILL. This is a communication test of the Farley Emergency Response Organization. An emergency classification has not been declared. There is no required activation. Do not physically report to your designated Emergency Response Facility. This is a communication test only. THIS IS A DRILL.

SHARED

TSC/EOF ACTIVATION

*this column for emergency planning use

Crew Distribution	person contacted	time of contact	response time	*declaration to arrival
TSC STAFF				max. 75 min.
Emergency Director				
TSC Manager				
Engineering Supervisor				
Maintenance Supervisor				
Operations Supervisor				
H.P. Supervisor				
ENN Communicator				
Chemistry Supervisor				
Status Loop Communicator				
Mech. Support				
Elec. Support				
I & C Support				
H.P. Technician				
Chemistry Technician				
Reactor Engineer				
EOF STAFF				max. 75 min.
EOF Manager				
EOF Support Coordinator				
Dose Assessment Supervisor				
Dose Analyst				
Comp. Ser. Support				
ENN Communicator				
FMT Communicator				
Alabama FEOC. Liaison				
Georgia FEOC. Liaison				
FMT 2 leader				
FMT 3 leader				
Status Loop Communicator				

for drill or emergency callout

for quarterly communications drill

call back numbers _____

test start _____ / _____

table 2 message # to deliver _____

date/time

OSS _____

person performing callout _____

Comments _____

Corrective actions _____

Emergency Planning Coordinator review _____ date _____

10/23/03 13:12:29

SHARED

FNP-0-EIP-8.3

FIGURE 1

SIMILAR to NRC FORM 361				U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER			
REACTOR PLANT EVENT NOTIFICATION WORKSHEET						EN #	
NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100, BACKUPS -- [1st] 301-951-0550, [2nd] 301-415-0550 and [3rd] 301-415-0553							
NOTIFICATION TIME		FACILITY OR ORGANIZATION FARLEY NUCLEAR PLANT		UNIT		NAME OF CALLER	
						CALL BACK # ENS 700-221-0807 Commercial # 334-899-5156	
EVENT TIME & ZONE Central time		EVENT DATE		POWER/MODE BEFORE		POWER/MODE AFTER	
EVENT CLASSIFICATIONS				1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		(v)(A) Safe S/D Capability AINA	
GENERAL EMERGENCY GEN/AAEC		TS Deviation ADEV				(v)(B) RHR Capability AINB	
SITE AREA EMERGENCY SIT/AAEC		4-Hr. Non-Emergency 10 CFR 50.72(b)(2)				(v)(C) Control of Rad Release AINC	
ALERT ALE/AAEC		(i) TS Required S/D ASHU				(v)(D) Accident Mitigato AIND	
UNUSUAL EVENT UNU/AAEC		(iv)(A) ECCS Discharge to RCS ACCS				(xii) Offsite Medical AMED	
50.72 NON-EMERGENCY (see next columns)		(iv)(B) RPS Actuation (scram) ARPS				(xiii) Loss Comm/Asmt/Resp ACOM	
PHYSICAL SECURITY (73.71) DDDD		(xi) Offsite Notification APRE				60-Day Optional 10 CFR 50.73(a)(1)	
MATERIAL/EXPOSURE B???		8-Hr. Non-Emergency 10 CFR 50.72(b)(3)				Invalid Specified System AINV	
FITNESS FOR DUTY HFIT		(ii)(A) Degraded Condition ADEG				Other Unspecified Requirement (Identify)	
OTHER UNSPECIFIED REQMT (see last column)		(ii)(B) Unanalyzed Condition AUNA				NONR	
INFORMATION ONLY NINF		(iv)(A) Specified System Actuation AESF				NONR	
DESCRIPTION							
Include: Systems affected, actuations and their inhibating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)							
NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input type="checkbox"/> NO	
NRC RESIDENT				DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)	
STATE(s)				MODE OF OPERATION	ESTIMATED RESTART DATE:	ADDITIONAL INFO ON BACK	
LOCAL				UNTIL CORRECTED:		<input type="checkbox"/> YES <input type="checkbox"/> NO	
OTHER GOV AGENCIES							
MEDIA/PRESS RELEASE							

FIGURE 1
PAGE 1 OF 4

Version 9

10/23/03 13:12:29

SHARED
ADDITIONAL INFORMATIONFNP-0-EIP-8.3
FIGURE 1

PAGE 2 OF 2

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)

LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFFSITE RELEASE	T. S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED		*State release path in description		
	Release Rate (Ci/sec)	% T. S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T. S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Iodine			10 uCi/sec			0.01 Ci
Particulate			1 uCi/sec			1 mCi
Liquid (excluding tritium and dissolved noble gases)			10 uCi/min			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	
RAD MONITOR READINGS						
ALARM SETPOINTS						
% T. S. LIMIT (if applicable)						

RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)

LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.)

LEAK RATE	UNITS: gpm/gpd	T. S. LIMITS	SUDDEN OR LONG-TERM DEVELOPMENT
LEAK START DATE	TIME	COOLANT ACTIVITY AND UNITS:	PRIMARY ECONDARY

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL

EVENT DESCRIPTION (Continued from front)

SHARED

**INSTRUCTIONS FOR COMPLETING FIGURE 1 NRC
REACTOR PLANT EVENT NOTIFICATION WORKSHEET**

FNP's official notification to the NRC of a declared emergency will be done using Figure 6 of FNP-0-EIP-9.0 as directed by FNP-0-EIP-9.0. This form does not replace the official notification made using Figure 6. The NRC Event Notification Worksheet in this figure is similar to the one that the NRC has at the NRCOC. During a declared emergency they will be asking questions from this worksheet. After the official Figure 6 notification is complete, this worksheet may be used by the FNP NRC communicator if desired to gather information to allow them to better answer NRC questions. A copy of this figure may be sent to the NRC by Fax if the communicator desires. The general instructions for completing this form are listed below:

1. Not all of the form is required to be completed only the information necessary to be able to respond to the NRC questions as is determined by the FNP communicator.

Page One

2. On the top line of page one the EN# is the event number assigned by the NRC, request this number from the NRC if desired.
3. NOTIFICATION TIME is the time that the official notification using Figure 6 was made to the NRC.
4. Fill in appropriate UNIT number or both as applicable from Figure 6.
5. The NAME OF CALLER is the person talking to the NRC at the time that the form information is read or faxed
6. CALL BACK phone numbers are already filled in unless there are different numbers that you want the NRC to use.
7. EVENT DATE and TIME is the declaration time from Figure 6.
8. POWER/MODE BEFORE and AFTER, determine from an operations representative in the facility.
9. Under EVENT CLASSIFICATION the block for the declared emergency reported by Figure 6 should be checked. Other blocks in that section may be checked if directed by the Emergency Director or Recovery Manager.
10. The DESCRIPTION should be similar to the description provided in section 7 of Figure 6.
11. For NOTIFICATIONS, complete the information requested. Refer to the facility management for clarification if the answer is not readily known.
12. For ANYTHING UNUSUAL OR NOT UNDERSTOOD refer to the facility management for clarification. If YES is checked provide explanation in description section.
13. For DID ALL SYSTEMS FUNCTION AS REQUIRED check no if safety systems or systems that are relevant to the event did not perform required function. If NO is checked provide explanation in description section.
14. MODE OF OPERATION UNTIL CORRECTED: - fill in TS mode number as directed by facility management
15. ESTIMATED RESTART DATE as directed by facility management.

Page Two

16. **RADIOLOGICAL RELEASES** check the applicable boxes and complete the data as appropriate only if an emergency radiological release is in progress that of itself would require an emergency classification.
- LIQUID RELEASE or GASEOUS RELEASE – one or both
 - UNPLANNED RELEASE or PLANNED RELEASE - check only one
 - ONGOING or TERMINATED - check only one
 - MONITORED or UNMONITORED - check only one
 - OFFSITE RELEASE and T. S. EXCEEDED - Check both boxes if the release would require any emergency classification bases on ODCM or EDCM.
 - RM ALARMS - Check this box if any alarm is in that would cause ARDA to activate.
 - AREAS EVACUATED - Check this box if on site areas have been evacuated due to a radiation problem.
 - PERSONNEL EXPOSED OR CONTAMINATED - Check this box if the exposure or contamination is above 10 CFR 20 limits.
 - OFFSITE PROTECTIVE ACTIONS RECOMMENDED - Check this box if PARs have been recommended and transmitted to the state on the emergency notification forms or verbally.
 - Complete the release rate information if it has already been calculated using EDCM or ODCM calculations. It is not necessary to perform calculations just to complete this form.
 - From the EDCM/ODCM calculations request that chemistry or environmental staff calculate the % of TS. The NOUE limit for releases is the TS limit.
 - The HOO guide is information that the Headquarters Operations Officer (HOO) would use. It is not for FNP use.
 - Complete the RADIATION MONITOR READINGS for those monitors that are in alarm that would cause the ARDA to actuate. Refer to EIP-9.1.
 - Complete the ALARM SETPOINTS for any radiation monitor reading that is entered. Refer to EIP-9.1.
 - Request Chemistry or environmental calculate the % OF T. S. LIMITS for rad monitor reading that are listed. The NOUE limit for releases is the TS limit.
17. **RCS OR SG TUBE LEAKS** Fill in the appropriate data if there is a leak or rupture in progress that exceeds technical specification limits.

WESTINGHOUSE EVENT DATA CHECKLIST
INFORMATIONINDIVIDUAL RECEIVING DATATIME _____ TIME: _____
FARLEY NUCLEAR PLANT _____ EVENTRCS PARAMETERS

- | | | | |
|----|--------------------------|--------------------------|--------|
| 1. | RCS Pressure | _____ | psia |
| 2. | Trend | _____ up / down / stable | |
| 3. | Pzr Level | _____ | % span |
| 4. | Trend | _____ up / down / stable | |
| 5. | Pzr Liq. Temp./Stm Temp. | _____ / _____ | °F |
| 6. | Pzr Heaters | _____ ON / OFF | |

RCS MAKEUP FLOW STATUS

- | | | | |
|-----|----------------------------|--------------|--------------|
| 7. | Safety Injection, Flowrate | ON/OFF _____ | GPM |
| 8. | RWST Level | E _____ F | |
| 9. | Normal Makeup, Flowrate | ON/OFF _____ | GPM |
| 10. | Letdown Flowrate | _____ | gpm/isolated |

NSSS LOOP PARAMETERS

- | | A | LOOP
B | C |
|-----|---------------------------------|----------------------|----------------------|
| 11. | Wide Range T _h | _____ | _____ |
| 12. | Wide Range T _c | _____ | _____ |
| 13. | RCP Status (ON/OFF) | _____ | _____ |
| 14. | Steam Generator Pressure (psia) | _____ | _____ |
| 15. | Trend | _____ up/down/stable | _____ up/down/stable |
| 16. | S.G. Level Wide Ranges (% span) | _____ | _____ |
| 17. | S.G. Narrow Range (% span) | _____ up/down/stable | _____ up/down/stable |
| 18. | Trend | _____ | _____ |
| 19. | Steam Flow (% nominal) | _____ | _____ |
| 20. | MSIV Status (open/closed) | _____ | _____ |
| 21. | Main Feed Water Flow | _____ | _____ |
| 22. | Auxiliary Feed Water 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 _____

SHARED

ERDS SCREEN 1

ERDS STATUS	SPDS UNIT #	DATE	TIME
EMERGENCY RESPONSE DATA SYSTEM STATUS			
*	<input type="text" value="ERDS data transmission requested?"/>		
	<input type="text" value="ERDS 1 Status (TSC Alarms) ?"/>		
	<input type="text" value="ERDS 1 Transmitting Unit 1 data?"/>		
	<input type="text" value="ERDS 1 Transmitting Unit 2 data?"/>		
	<input type="text" value="ERDS 2 Status (TSC Alarms) ?"/>		
	<input type="text" value="ERDS 2 Transmitting Unit 1 data?"/>		
	<input type="text" value="ERDS 2 Transmitting Unit 2 data?"/>		
<input type="checkbox"/> SELECT TO START ERDS TRANSMISSION TO THE NRC			
PAGE DOWN TO ERDS POINTS PAGE 1		* NRC may automatically terminate transmission of ERDS data	
-MOVE CURSER TO BOX OF DESIRED OPTION -PRESS SELECT			

SHARED

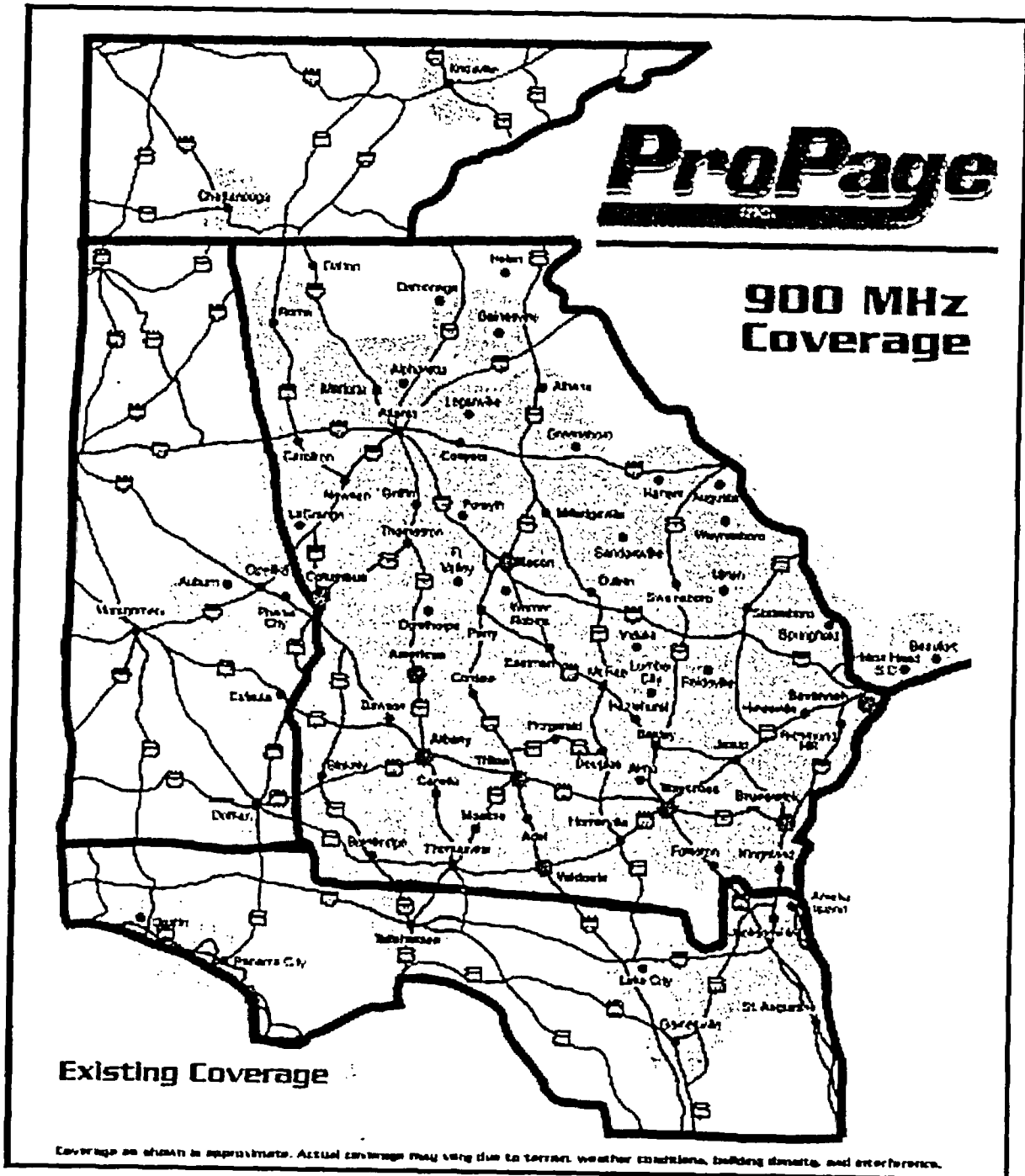
ERDS SCREEN 2

ERDS STATUS	SPDS UNIT #	DATE	TIME
EMERGENCY RESPONSE DATA SYSTEM			
 PRESS ESCAPE TO CANCEL, SELECT TO CONTINUE 			
<input type="checkbox"/> SELECT TO CONFIRM THE ACTIVATION OF ERDS			
 PRESS ESCAPE TO EXIT ERDS			

SHARED

FNP-0-EIP-8.3
FIGURE 5

PROPAGE PAGER COVERAGE AREA GEORGIA PLUS



Additional coverage is available in Birmingham, but it is not shown on the map.
Additional information is available at the PROPAGE.NET web page

FIGURE 5
PAGE 1 OF 1

TYPICAL LAYOUT OF THE LEFT HAND SCREEN FOR A THREE SCREEN WEBEOC DISPLAY

Microsoft Internet Explorer provided by Southern Company

0000243	Locate and replace the oil for 1A AFW pump
FNP OSC	
09:51 10/13/2003	

0000221	Fix RHR 2A
FNP EOF Status Loop	
09:55 8/26/2003	

CEOC Engineering	Working to determine cause of problem. Problem fixed
11:00 8/26/2003	

Disable Board Refresh ☐

6 SNC Technical Problem Status - Microsoft Internet Explorer provided by Southern Company

Date	Time	Problem Description	Reported By	Item Number	Assigned to	Priority
10/13/2003	09:50	1B RHR STP is in progress with the pump running	FNP TSC Status Loop	0000142	Operations Supervisor	Routine
10/13/2003	09:48	1D AFW trip throttle valve has a broken spring	FNP TSC Status Loop	0000141	Mechanical Support	High
10/13/2003	09:48	NI 44 calibration problem	FNP TSC Status Loop	0000140	T&C Support	Low
10/13/2003	09:46	1B AFW needs oil	FNP TSC Status Loop	0000139	Mechanical Support	High
10/13/2003	09:45	1A AFW bearing failure	FNP TSC Status Loop	0000138	Maintenance	High

FIGURE 6
PAGE 1 OF 1

SHARED

TYPICAL LAYOUT OF THE CENTER SCREEN FOR A THREE SCREEN WEBEOC DISPLAY

1 SNC Emergency Status - Microsoft Internet Explorer provided by Southern Company

ALERT Emergency	Loss of all AFW	10/13/2003 09:10	FNP TSC Status Loop	000075
-----------------	-----------------	---------------------	---------------------	--------

Disable Board Refresh ☐

2 Training @ Your Location

SNC Significant Events

0000746	FNP TSC Status Loop	
09:18		test 5
0000745	FNP TSC Status Loop	
09:18		test 5
0000744	FNP TSC Status Loop	
09:17		test 4
0000743	FNP TSC Status Loop	
09:17		test 3
0000742	FNP TSC Status Loop	

Disable Board Refresh ☐

10/22/03 14:19:11

SHARED

FNP-0-EIP-14.0
October 16, 2003
Version 19

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-14.0

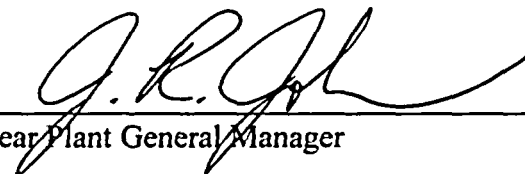
S
A
F
E
T
Y

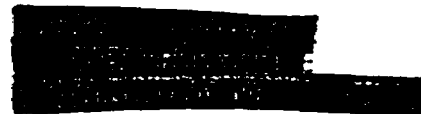
PERSONNEL MOVEMENT, RELOCATION, RE-ENTRY AND
SITE EVACUATION

R
E
L
A
T
E
D

PROCEDURE USAGE REQUIREMENTS per FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	ALL
Information Use	

Approved:


Nuclear Plant General Manager



Date Issued 10-30-03

LIST OF EFFECTIVE PAGES

PROCEDURE CONTAINSNUMBER OF PAGES

Cover.....	1
LOEP.....	1
TOC.....	2
Body.....	11
Table 1	1
Table 2	1
Figure 1	1
Figure 2	1
Figure 3	4
Figure 4	1
Figure 5	1
Figure 6	1
Figure 7	1

PERSONNEL MOVEMENT, RELOCATION, RE-ENTRY AND
SITE EVACUATION

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	Definitions	1
3.1	Movement	1
3.2	Relocation	1
3.3	Re-entry	2
3.4	Site Evacuation	2
4.0	Exemptions to the Guidance of This Procedure	2
5.0	Requirements for Movement	3
6.0	Requirements for Relocation	3
7.0	Requirements for Re-entry - General Guidance	4
8.0	Requirements for Re-entry - Specific Guidance	6
9.0	Site Evacuation	7
Table 1	References	
Table 2	Risks Associated with Acute High Level Radiation Exposure	
Figure 1	Relocation Guideline	
Figure 2	Relocation Log	
Figure 3	Re-entry Guideline	
Figure 4	Re-entry log	

<u>Section</u>	<u>Title</u>	<u>Page</u>
Figure 5	On-Site Evacuation Routes, Assembly Areas, and Operations Support Centers	
Figure 6	Off-Site Evacuation Routes	
Figure 7	Location of Reception Centers in Houston County	

PERSONNEL MOVEMENT, RELOCATION, RE-ENTRY AND
SITE EVACUATION

1.0 Purpose

This procedure provides the guidelines for movement, relocation, re-entry and evacuation of personnel after the initial sounding of the plant emergency alarm. A fire emergency shall be considered a special re-entry and procedures for re-entry during this type of emergency are addressed in FNP-0-EIP-13.0, Fire Emergencies.

2.0 References

See Table 1

3.0 Definitions

3.1 Movement

Personnel movement within the same assembly area building

e.g. Service Building Auditorium to Document Control

Visitors Center Auditorium to EOF

3.2 Relocation

- a. The transfer of an individual (includes re-assigning designated assembly area) from one assembly area to another.

e.g. Service Building Auditorium to Visitors Center Auditorium

Service Building Maintenance Shop to TSC

- b. Assignment of personnel from their assembly area to a location (non-assembly area) in the plant or on the plant site.

e.g. Control Room to Radiochemistry Labs

Service Building Auditorium to WTP

3.3 Re-entry

Entry into an area of elevated personnel hazards due to an emergency condition.

e.g. Entry into the piping penetration room to isolate an ECCS leak following a major loss of coolant accident

Entry into an area where the TEDE whole body annual dose limit of 5 rem can be exceeded during the expected time to perform the job (normally 30 minutes can be assumed to perform the job)

3.4 Site Evacuation

Organized withdrawal of personnel offsite.

4.0 Exemptions to the Guidance of This Procedure

- 4.1 Field Monitoring Teams (FMTs) are not required to be tracked or be authorized to move from one location to another by this procedure.
- 4.2 Personnel reporting to the site for duties in the TSC, EOF or the OSC are not required to be tracked or be authorized to report to their designated emergency response facility.
- 4.3 When the Emergency Director has Security informed of the emergency classification, he will inform Security of any access route restrictions, if necessary. Security will be issued a controlled copy of the on call memo for Security Post Gate 95 North and Security Post Gate 95 South. Personnel on the on-call memo, in any position or as an alternate, will be granted access to the site during an emergency unless specifically restricted by the Emergency Director.
- 4.4 Security will inform arriving personnel of access route restrictions, if necessary.
- 4.5 Personnel moving between the Control Room and the TSC are not required to be tracked or authorized by this procedure.
- 4.6 Personnel moving between the TSC and the breakroom outside the TSC are not required to be tracked or authorized by this procedure, unless the HP Supervisor has determined that a hazardous condition exists in the breakroom.

5.0 Requirements for Movement

- 5.1 The senior individual in the assembly area shall authorize the movement of personnel.
- 5.2 The senior individual or his designee in the assembly area shall be responsible for tracking the movement of personnel.

6.0 Requirements for Relocation

- 6.1 The senior individual in the assembly area shall authorize the relocation of personnel, when requested to relocate individuals by the TSC, OSC or EOF.
- 6.2 The relocation guideline/log (Figure 1/2) may be used as a tracking mechanism for relocations.
- 6.3 The Control Room/TSC/OSC/EOF will inform the senior individual of any personnel hazards (toxic gas, radioactive release, etc.) that may exist. The senior individual in the assembly area shall provide a transit route for the relocation as appropriate.
- 6.4 Personnel who are being relocated from one designated assembly area to another designated assembly area will be tracked by the senior individual in the assembly area from which they are departing, until arrival at the new assembly area.
- 6.5 Personnel who are being relocated to an area outside of a designated assembly area will be tracked by the Control Room/TSC prior to the arrival of the OSC Manager, who will then have the responsibility.
- 6.6 Tracking and authorization for relocations involving personnel in the TSC/Control Room/OSC will be performed by the OSC Manager. If the OSC Manager is unavailable, the relocation responsibilities may be performed by the Maintenance Supervisor or Control Room.
- 6.7 Personnel who have been relocated outside of an assembly area will report to their assembly area, should the plant emergency alarm resound--unless specifically authorized to remain on station by the ED. Only persons with specific emergency functions should remain on station. These individuals should be briefed on the plant conditions and have a clear understanding of their responsibilities and task to perform. Contact numbers should be given in order to aid tracking of their relocation.
- 6.8 The following applies to security, regarding relocation of personnel:
 - 6.8.1 Remain on station until relocation is required.

6.8.2 When relocation becomes necessary, security supervision shall:

- Determine the route, with assistance from Control Room/TSC/OSC (Shift Supervisor/Maintenance Supervisor, or OSC Manager)
- Implement appropriate compensatory measures.
- Inform the ED of the compensatory measures taken.

6.9 Exposure limits for a re-location shall be limited to five rem TEDE, including the current dose to date.

6.9.1 Exposures in excess of one rem for a relocation, exclusive of current dose, shall be approved by the HP Supervisor, or the ED in his absence.

6.9.2 If an internal hazard is present, the limit for the relocation should be reduced by a factor of two.

7.0 Requirements for Re-entry - General Guidance

7.1 TLD badges of personnel who receive an emergency exposure in excess of the 10CFR20 limits of step 7.10 will be pulled and read prior to receiving further non-emergency exposure.

7.2 Re-entry personnel shall not deviate from a planned route unless unanticipated conditions such as rescue, performing an operation which would minimize the emergency condition, etc., require such a deviation.

7.3 If emergency dose rates observed during re-entry exceed the limits established by the re-entry guideline or other adverse conditions are encountered, re-entry personnel shall return to a safe area and contact the OSC/TSC/Control Room for further instructions.

7.4 If the Plant Emergency Alarm (PEA) is sounded while a re-entry team is involved in their assigned tasks, the re-entry team shall call the Control Room/TSC/OSC and request further instructions for assembly requirements.

7.5 The re-entry guideline/log (Figures 3/4) will serve as a tracking mechanism for re-entries. One copy of the guideline will remain with the OSC and, if desired, another copy will be given to the re-entry team leader. The guideline may be photocopied, or a two-part form may be used. The re-entry guideline will be sequentially numbered.

- 7.6 Individuals listed on the re-entry guideline as responsible for completion of guideline items are not required to personally initial the guideline, but are responsible for ensuring that each requirement is performed and initialed by the person performing or ensuring performance of the task.
- 7.7 Radiological monitoring will be established for each re-entry. The following parameters will be considered when determining the degree of radiological monitoring:
- Releases in progress
 - Dose rates, airborne and contamination levels
 - Stability of plant radiological conditions
- 7.8 Re-Entry is the responsibility of the Emergency Director, and requires verbal ED approval to execute a re-entry. Re-entries may be authorized and executed by the OSC Manager or Maintenance Supervisor, with ED approval. Approval to exceed 10CFR20 radiation exposure limits listed in step 7.10 must be approved by the Emergency Director. Approval to exceed plant administrative dose limits listed in step 7.10 must be approved by the HP Supervisor, or the Emergency Director in the HP Supervisor's absence.
- 7.9 An Emergency Repair Party which functions as a re-entry team shall consist of at least two (2) persons.
- 7.10 Farley Nuclear Plant personnel who have completed the onsite radiation protection training may be required to receive an exposure up to the following 10CFR20 limits:

	<u>10CFR20 limit</u>	<u>Administrative limit</u>
Whole body (TEDE)	- 5 rem	- 2 rem
Lens of the eyes	- 15 rem	- 6 rem
Skin of the whole body	- 50 rem	- 20 rem
Extremities	- 50 rem	- 20 rem
Internal organs	- 50 rem	- 20 rem

- 7.11 Dosimetry records for potential re-entry team members are available in the Dosimetry Lab.

CAUTION: EMERGENCY EXPOSURE LIMITS SHALL ONLY BE AUTHORIZED BY THE E.D.

- 7.12 Emergency situations may transcend the normal requirement of maintaining personnel exposures below 10CFR20 limits, as noted in step 7.10. Emergency exposures shall be minimized to every degree practicable. Farley Nuclear Plant personnel who have completed the onsite radiation protection training may be required to receive an exposure up to 25 rem TEDE for the activity and conditions described below. For those same personnel to receive in excess of 25 rem, they must voluntarily agree to receive an emergency dose in excess of 25 rem, but less than 100 rem. Persons volunteering to receive in excess of 25 rem must be made fully aware of the risks involved. Emergency exposure limits are as follows:

TEDE DOSE	ACTIVITY	CONDITION
10 REM	PROTECTING VALUABLE PROPERTY	LOWER DOSE NOT PRACTICAL
25 REM	LIFE SAVING OR PROTECTION OF LARGE POPULATIONS	LOWER DOSE NOT PRACTICAL
>25, <100 REM	LIFE SAVING OR PROTECTION OF LARGE POPULATIONS	VOLUNTEERS ONLY THAT ARE FULLY AWARE OF THE RISKS INVOLVED
Limit the dose to the lens of the eyes to 3 times the listed value. Limit the dose to other organs, including skin and extremities to 10 times the listed values.		

NOTE: THERE IS CURRENTLY NO METHOD AVAILABLE TO ASSESS INTERNAL EXPOSURE ON A REAL TIME BASIS; THEREFORE, FARLEY NUCLEAR PLANT WILL UTILIZE AN ADMINISTRATIVE DEFAULT CORRECTION FACTOR OF TWO TO RELATE DEEP DOSE TO EXTERNAL EXPOSURE.

- 7.13 If an internal hazard is present, the limit for the re-entry should be reduced by a factor of two, unless a compensatory measure has been used to eliminate the internal hazard.
- 8.0 Requirements for Re-entry - Specific Guidance
- 8.1 The Emergency Director must verbally approve all re-entries.
- 8.2 The ED must approve doses that exceed the 10CFR20 limits of step 7.10.
- 8.3 The HP Supervisor or ED will complete the applicable portions of section II of the re-entry Guideline.
- 8.4 The HP Supervisor or designee will complete section IV of the Re-Entry Guideline.

- 8.5 The OSC Manager or Maintenance Supervisor (or ED, if OSC and Maintenance Manager are not available) will coordinate the re-entry and complete sections I (OSC Manager Section) and V (Debrief Section) of the Re-Entry Guideline. Section III is a combined brief section to be completed by the OSC Manager or designee and the HP Supervisor or designee.
- 8.6 Re-Entry personnel shall:
- 8.6.1 Don necessary protective/emergency clothing and devices as prescribed in the re-entry guideline.
 - 8.6.2 Perform assigned duties in the emergency area as quickly and safely as possible.
 - 8.6.3 Report to the OSC Manager or TSC staff any unexpected conditions which may seriously affect their assigned duties.
 - 8.6.4 Without delaying the mission or causing unnecessary exposures, monitor the dose rate along the route followed to obtain radiological information, as appropriate.
 - 8.6.5 Frequently observe personal dosimeters and withdraw to a safe area prior to reaching an established dose limit, as applicable.
 - 8.6.6 Upon exiting, follow established self-monitoring and personnel decontamination procedures, as necessary, under the supervision of the individual charged with health physics monitoring.
 - 8.6.7 Record and report to the OSC Manager or TSC staff the radiological conditions, damage assessments, or any actions taken in the emergency area.
 - 8.6.8 Complete applicable sections of the re-entry guideline.
- 9.0 Site Evacuation
- 9.1 Site Evacuation can be accomplished in one of the following two ways:
- 9.1.1 Site dismissal of non-involved personnel without monitoring.

This method can be used to perform an organized withdrawal of personnel that are not involved in combating the casualty to an offsite location during an emergency condition when there is no emergency radioactive release in progress.

9.1.2 Site dismissal of non-involved personnel with monitoring.

This method can be used to perform an organized withdrawal of personnel that are not involved in combating the casualty to an offsite location during an emergency condition when there is an emergency radioactive release in progress.

9.2 Involved personnel that should not be routinely dismissed from the site include, but are not limited to:

- Personnel that are included on the on call memo as Emergency Response Organization staff. Individuals that will be required for relief and long term staffing should be released from the site as appropriate.
- Health Physics staff, including Health Physics contractors that are qualified to perform HP technician duties. Individuals that will be required for relief and long term staffing should be released from the site as appropriate.
- Chemistry staff that are qualified to perform Chemistry technician duties. Individuals that will be required for relief and long term staffing should be released from the site as appropriate.
- Operations staff that are required for safe operation of the plant and personnel necessary to mitigate the consequences of the event in progress. Individuals that will be required for relief and long term staffing should be released from the site as appropriate.
- Maintenance personnel necessary to mitigate the consequences of the event in progress. Individuals that will be required for relief and long term staffing should be released from the site as appropriate.
- Warehouse personnel necessary to support maintenance activities.
- Security staff required to maintain appropriate site security.
- Personnel that have been augmented to any of the emergency response facilities or other areas of the plant to help control the plant.

9.3 Non-involved personnel that should routinely be dismissed from the site include, but are not limited to:

- Personnel that are not currently qualified as radiation workers.
- Contractors and vendors except as noted above.
- Visitors
- Other personnel that are on site that do not meet the guidelines established in step 9.2.

9.4 Site dismissal should be considered any time there is a declared emergency with a potential for escalating to the point where there is hazard to on site personnel.

- 9.5 Emergency Director shall authorize site dismissals and appoint an individual to coordinate the dismissal.
- 9.6 If the EOF is staffed when a site dismissal is required, the Emergency Director should normally request that the EOF coordinate the dismissal.
- 9.7 If there is an emergency radiological release in progress, go to step 9.9 to conduct a site dismissal of non-involved personnel with monitoring.
- 9.8 If there is no emergency radiological release in progress, conduct a site dismissal of non-involved personnel without monitoring as follows.
- 9.8.1 Confer with Houston County EMA and Early County EMA and determine if there are any off-site concerns with dismissing personnel from the site at this time.
- 9.8.2 Determine off site routes. Unless there have been restrictions placed on routes by the Houston County or Early County EMA, there should be no restrictions on off site routes.
- 9.8.3 Determine the on site exit routes using Figure 5. The roads leading to the north and south gates may have road blocks in place to prevent unauthorized access. Contact security to open access to these routes if they will be used. Access can be opened rapidly if it is required.
- 9.8.4 Contact management/supervision for groups or departments on site and determine who is considered to be non-involved in the current emergency, using the guidance of steps 9.2 and 9.3.
- 9.8.5 Inform security of the intent to dismiss personnel and authorize their exit from the site.
- 9.8.6 Inform the personnel that have been designated as non involved of:
- The on site exit routes
 - Off site route restrictions
 - Directions on what to do after exiting the site such as stand by home phones, call in at a specific time, etc
 - Provide any other specific guidance required based on plant conditions.
- 9.8.7 Inform designated non-involved personnel that they are dismissed with the instructions of step 9.8.6.

- 9.9 If there is an emergency radiological release in progress, conduct a site dismissal of non-involved personnel with monitoring as follows.
- 9.9.1 Prior to ordering a site dismissal of non-involved personnel with monitoring, the following items should be considered along with other extenuating circumstances:
- Will individual dose be greater for leaving the site or sheltering?
 - When will the off-site authorities be able to cope with the traffic flow?
 - When will the off-site authorities be able to cope with the influx of people to the de-contamination and reception centers?
 - What is the availability of food and supplies if no dismissal is ordered?
 - What will be the effect on plant personnel and families if no dismissal is ordered?
 - What personnel will be required on site for effective plant operation and recovery?
- 9.9.2 Confer with Houston County EMA and Early County EMA and determine the off-site concerns with dismissing personnel from the site at this time. Coordinate the dismissal time with Houston County EMA and Early County EMA.
- 9.9.3 Determine the off site routes and the reception center locations to send plant personnel to for monitoring and possible decontamination from Houston County EMA and Early County EMA. The reception center in Houston County will normally be the Wiregrass Recreation Center or the Houston County Farm Center. The reception center in Early County will normally be the Early County High School. Figures 6 and 7 can be used as aids.
- 9.9.4 Determine the on site exit routes using Figure 5. The roads leading to the north and south gates may have road blocks in place to prevent unauthorized access. Contact security to open access to these routes if they will be used. Access can be opened rapidly if it is required.
- 9.9.5 Contact management/supervision for groups or departments on site and determine who is considered to be non-involved in the current emergency, using the guidance of steps 9.2 and 9.3.
- 9.9.6 Confer with Health Physics to determine if on site monitoring prior to leaving the site is ALARA and appropriate, or if dispatch to the reception centers off site without on site monitoring is appropriate.

- 9.9.7 If on site monitoring is appropriate prior to being dismissed, designate locations for the on site monitoring to be accomplished for personnel from the protected area and personnel from outside the protected area.
- 9.9.8 Inform security of the intent to dismiss personnel and authorize their exit from the site.
- 9.9.9 Inform personnel that have been designated as non involved of:
- where to go to get monitored on site if appropriate.
 - the on site exit routes.
 - off site route and what reception center to go to.
 - directions on what to do after leaving the reception center such as stand by home phones, call in at a specific time, etc.
 - provide any other specific guidance required based on plant conditions.
- 9.9.10 Inform designated non-involved personnel that they are dismissed with the instructions of step 9.9.9.

PERSONNEL MOVEMENT, RELOCATION, RE-ENTRY
AND SITE EVACUATION

REFERENCES

- Joseph M. Farley Nuclear Plant Emergency Plan
- EPA Emergency Worker and Lifesaving Activity Protective Action Guide
- IE Information Notice No. 84-40: Emergency Worker Doses
- NCRP No. 91
- SNC EPA 400 Manual Interpretation Document
J. D. Woodard to D. N. Morey, June 7, 1994

PERSONNEL MOVEMENT, RELOCATION, RE-ENTRY AND SITE EVACUATION

RISKS ASSOCIATED WITH ACUTE HIGH
LEVEL RADIATION EXPOSUREHEALTH EFFECTS ASSOCIATED WITH WHOLE BODY ABSORBED DOSES
RECEIVED WITH A FEW HOURS*

WHOLE BODY ABSORBED DOSE (RAD)	Forewarning Symptoms of More Serious Health Effects Associated with Large Doses of Radiation (PERCENT AFFECTED)
50	2%
100	15%

APPROXIMATE CANCER RISK TO AVERAGE INDIVIDUALS FROM
25 REM EFFECTIVE DOSE EQUIVALENT, DELIVERED PROMPTLY*

AGE AT EXPOSURE (YEARS)	APPROXIMATE RISK OF PREMATURE DEATH (DEATHS PER 1,000 PERSONS EXPOSED)	AVERAGE YEARS OF LIFE LOST IF PREMATURE DEATH OCCURS (YEARS)
20 TO 30	9.1 (.91%)	24
30 TO 40	7.2 (.72%)	19
40 TO 50	5.3 (.53%)	15
50 TO 60	3.5 (.35%)	11

PROMPT EFFECTS OF ACUTE RADIATION EXPOSURE**

ACUTE DOSE REM	PROBABLE CLINICAL EFFECT
0-25	No observable effects.
25-100	Slight blood changes, no other observable effects.
100-200	Vomiting may occur in 5 to 50% within three hours, with fatigue and loss of appetite. Moderate blood changes are likely. Except for the blood forming organs, recovery will occur in essentially all cases within a few weeks.

* REFERENCE EPA 400 MANUAL

** REFERENCE INPO GUIDANCE

SHARED

RELOCATION GUIDELINE

CHECK ONE: ☐ DRILL ☐ ACTUAL EVENT

RELOCATION # _____

DESCRIPTION: _____

RELOCATION FROM / TO _____

DUTIES: _____

ESTIMATED TIME TO COMPLETE: _____

TRANSIT ROUTE: _____

CAUTION: Fast Entry DADS do not account for accumulated year to date (YTD) dose. Fast Entry DADS for RELOCATION are set at 1 Rem dose alarm. This dose, if received, would be in addition to the individuals YTD dose. If conditions allow, consideration should be given for use of routine entry DADS with alarm settings adjusted per HP. DO NOT use Fast Entry DADS for DRILL purposes.

HP REQUIREMENTS: The maximum allowed dose for the relocation is FIVE (5) rem, including previous exposure for the year.

If an internal hazard is involved, external dose limit should be reduced by a factor of two.

CAUTION: Approved dose and dose rate limits should be per routine entry RWP-911 for drill events. For Drills, enter a simulated dose value per scenario event expected conditions to exercise guidelines and emergency procedures. Simulated information would be N/A in an actual event

Approved DOSE LIMIT: _____ HP Sup/ED Approval if >1 REM: _____
(N/A if no RAD hazard)

Drill Simulated DOSE LIMIT _____ HP Sup/ED Approval if >1 REM: _____

OTHER HP REQ: _____

- RWP ☐ WB TLD/DAD ☐ Street clothes ☐ Protective Clothing ☐
- HP Tech required as team member ☐ or N/A ☐

PERSONNEL: _____

_____ ☐ Continued on Additional Sheet

APPROVAL: _____

TIME OUT / IN: _____ / _____ Call Back Phone/Radio number _____

SHARED

RE-ENTRY GUIDELINE

CHECK ONE: ☐ DRILL ☐ ACTUAL EVENTRE-ENTRY FOR: _____ RE-ENTRY # _____
UNIT # _____ DATE/TIME _____ / _____**NOTE:** The steps of this guideline may be done in any order prior to dispatching the re-entry team.

OSC MANAGER SECTION I

____ A. Obtain ED verbal approval for the reentry.
OSC MGR

____ B. Select qualified personnel for the re-entry.
OSC MGR
*team leader * _____

____ C. Specify duties for re-entry:
OSC MGR (notes if desired) _____

____ D. Specify transit route (discuss):
OSC MGR (notes if desired) _____

____ E. Specify communications and actions
OSC MGR to take if communications cannot be established:
call back number 1. _____ 2. _____
gaitronics _____
radio _____

____ F. Dispatch re-entry team when HP requirements
OSC MGR per page 2 are met and brief per page 3 is complete.

SHARED

HEALTH PHYSICS SECTION II

CAUTION: Approved dose and dose rate limits should be per routine entry RWP-911 for drill events. For Drills, enter the simulated dose and dose rate values per scenario event expected conditions to exercise guidelines and emergency procedures. Simulated information would be N/A in an actual event. DO NOT USE FAST ENTRY DADS FOR DRILL PURPOSES.

- ____ A. Specify dose and dose rate limits.
HP
APPROVED DOSE: _____ Drill Simulated Dose _____
APPROVED DOSE RATE: _____ Drill Simulated Rate _____
- ____ B. Authorize dose limits less than 10CFR20 limits and greater than admin limits per
HP SUP paragraph 7.10.
- ____ C. Authorize dose limits greater than 10CFR20 limits in paragraph 7.10.
ED
- ____ D. Have re-entry personnel complete appropriate sections of re-entry individual
HP exposure record including signing the form if 10CFR20 limits will be exceeded and complete Re-Entry Individual Exposure Record.
- ____ E. Verify that the approved dose will not cause the individual(s) to exceed FNP HP
HP admin limits unless approved by HP Supervisor or 10CFR20 limits unless approved by the ED.
- ____ F. For doses in excess of 25 rem, the following two steps must be performed:
HP SUP
1. Verify that the individual to receive the dose is a volunteer.
2. Ensure that the individual to receive the dose has been briefed and is fully aware of the risks involved. (Use table 2 as guidance for the brief.)
- ____ G. Are Thyro Block (KI) tablets required? ☐ yes ☐ no (Ref FNP-0-EIP-4.0, Fig 3)
HP SUP
- ____ H. Specify appropriate protective clothing, respirator usage and monitoring devices.
HP
- | | |
|--|---|
| <input type="checkbox"/> STREET CLOTHES | <input type="checkbox"/> SINGLE W/B TLD |
| <input type="checkbox"/> STD LABCOAT DRESSOUT | <input type="checkbox"/> MULTIBADGE |
| <input type="checkbox"/> STD CVRALL DRESSOUT | EXT TLD <input type="checkbox"/> HANDS <input type="checkbox"/> FEET |
| <input type="checkbox"/> CLOTH <input type="checkbox"/> PAPER <input type="checkbox"/> PLASTIC | PICS <input type="checkbox"/> 200MR <input type="checkbox"/> 2R <input type="checkbox"/> 5R |
| <input type="checkbox"/> SCBA | <input type="checkbox"/> DAD |
| <input type="checkbox"/> OTHER RESPIRATOR _____ | |
| <input type="checkbox"/> OTHER _____ | |

COMBINED BRIEF SECTION III

Conduct a pre-job brief of the Re-Entry. The following information must be included:

- Duties for the re-entry including required procedures and safe work practices. Reference the OSC managers section and the re-entry duties section.
- Hazards associated with the assigned tasks (Radiological and Non Radiological)
- Dose and dose rate limits while performing the re-entry (per Health Physics section)
- Personnel protective equipment required (per Health Physics section if radiological)
- Isolation and control of energy sources (Clearance)
- Special support needs and precautions
- Transit route. It is acceptable for the team to modify the transit route based on the conditions encountered during the re-entry. If the route is modified, the OSC or control room should be notified as soon as possible if the change places the team in areas that are not on the route.
- Communications and actions to take if communications cannot be established

The following information may be considered in the pre-job briefing:

- Industry experience
- Plant or equipment conditions including potential radiological or industrial safety hazards and precautions
- Each person's job or task assignment
- Expected sequence of events and results
- Problems to be anticipated
- Criteria to be used to stop the evolution
- Contingencies if the evolution is stopped or the expected result is not achieved
- Potential distractions and how they will be minimized
- Housekeeping and fluid system cleanliness requirements
- Chemical control and disposal requirements
- Foreign Material Exclusion (FME) Controls

SHARED

RE-ENTRY TEAM SECTION IV

NOTE: IT IS NOT REQUIRED FOR THE RE-ENTRY TEAM TO KEEP A COPY OF THIS FORM WITH THEM DURING THE RE-ENTRY.

- ____ A. Monitor dose and dose rate and retreat to a safe area if limits are exceeded.
Team
- ____ B. Report unexpected conditions to the TSC or OSC as applicable.
Team
- ____ C. Monitor and record dose rates along re-entry route without delaying the mission or causing unnecessary exposure.
Team
- ____ D. Report to the TSC or OSC as applicable, radiological conditions, damage assessment or any actions taken during the re-entry.
Team
- ____ E. Perform the task assigned to the re-entry team.
Team

DEBRIEF SECTION V

- ____ A. Debrief re-entry personnel.
OSC MGR
- ____ B. Report debriefed information to the appropriate staff in the TSC.
OSC MGR

SHARED

RE-ENTRY LOG

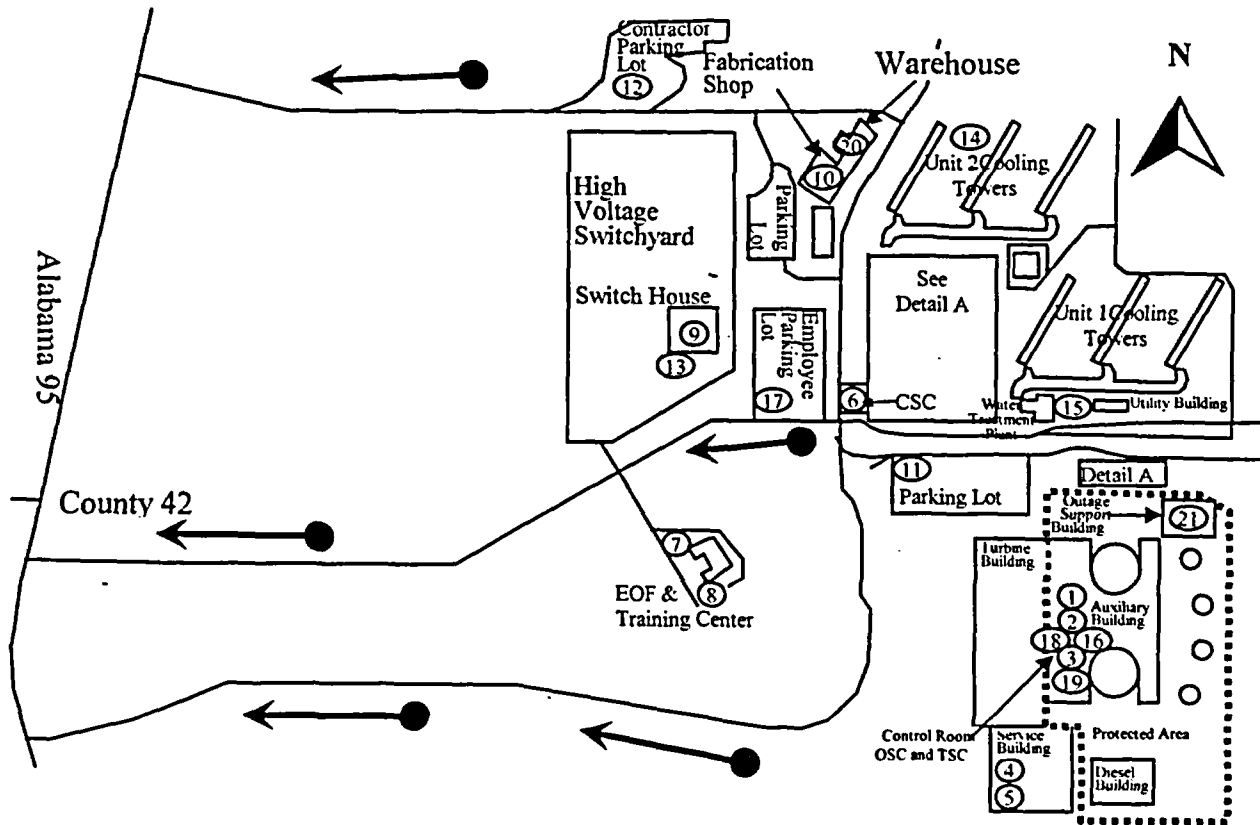
TIME

FIGURE 4
Page 1 of 1

Version 19

SHARED

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



LEGEND

OPERATION SUPPORT CENTER

1 BREAKROOM OUTSIDE TSC

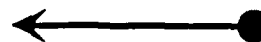
ASSEMBLY AREAS

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

ALTERNATE ASSEMBLY AREAS

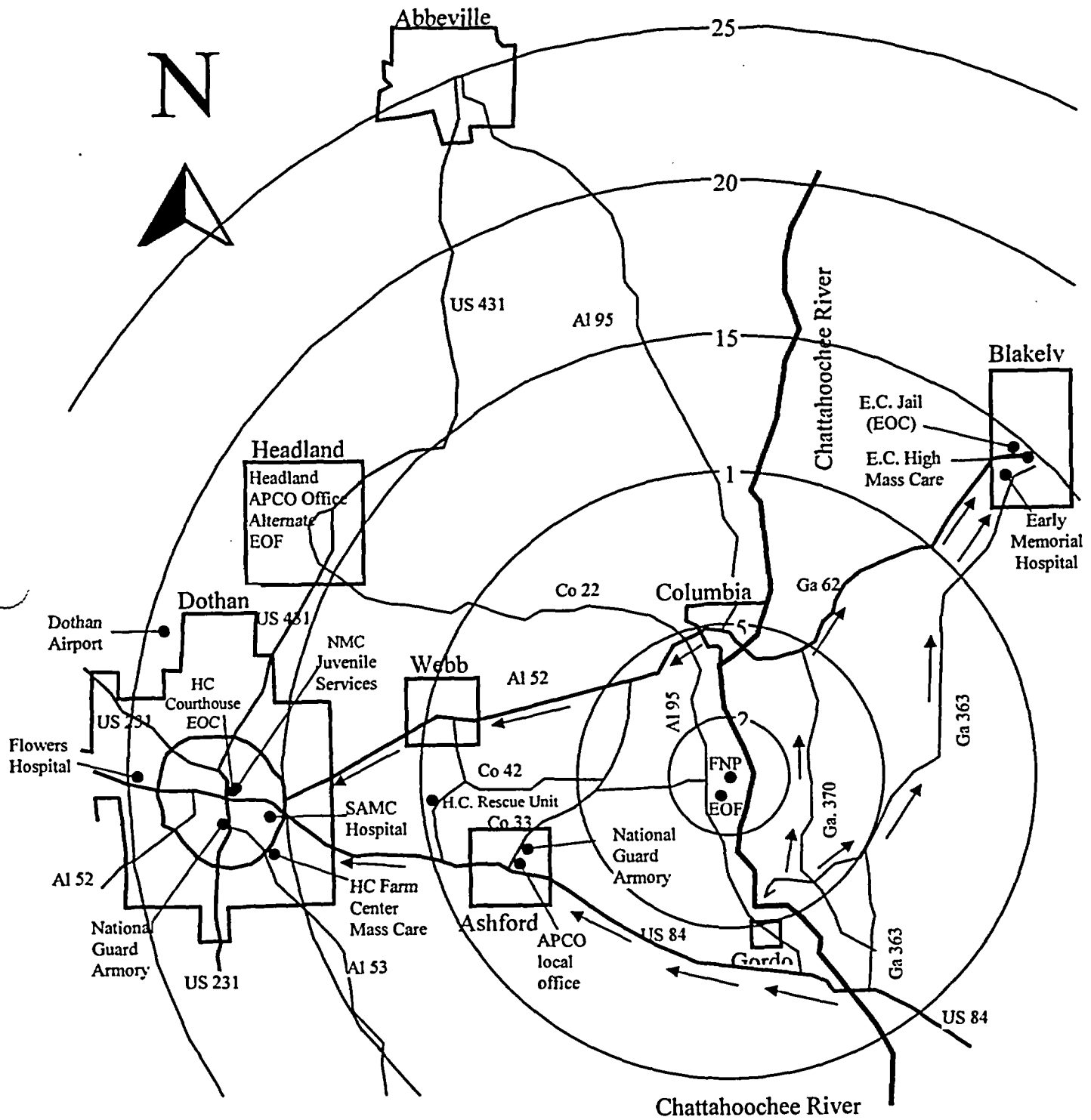
- 11 PARKING LOT SOUTH OF S.B.
- 12 CONTRACTOR PARKING LOT
- 13 SWITCHHOUSE PARKING LOT
- 14 BETWEEN 2A & 2B COOLING TOWERS
- 15 UTILITY BUILDING
- 16 SE CORNER OF CONTROL ROOM
- 17 EMPLOYEE PARKING LOT
- 18 BREAKROOM NEAR PAP
- 19 HP OFFICE AREA

EVACUATION ROUTES



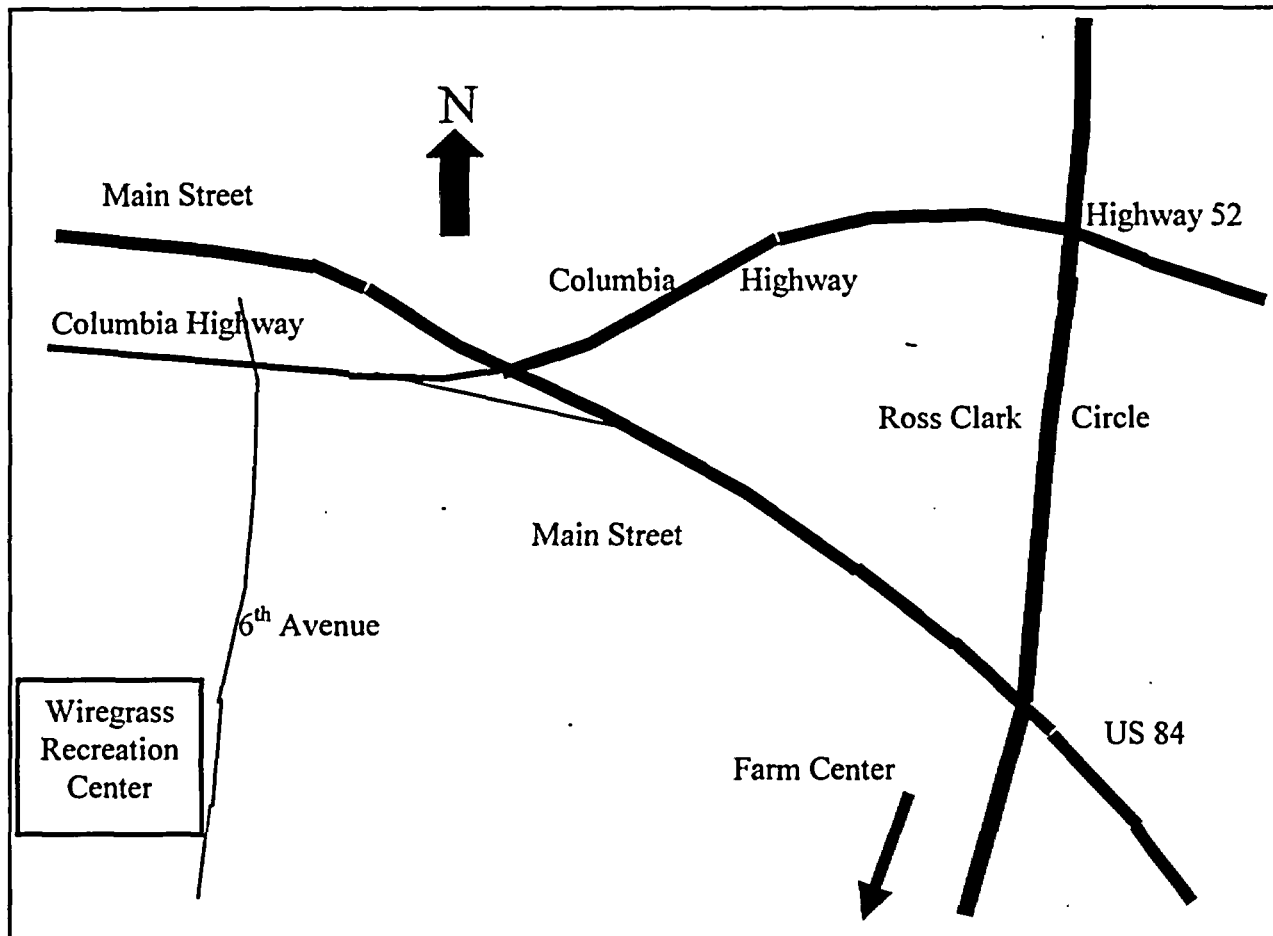
SHARED

OFF-SITE EVACUATION ROUTES

FIGURE 6
Page 1 of 1

SHARED

LOCATION OF RECEPTION CENTERS IN HOUSTON COUNTY



10/29/03 12:28:56

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FNP-0-EIP-16.0
October 29, 2003
Version 42

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-16.0

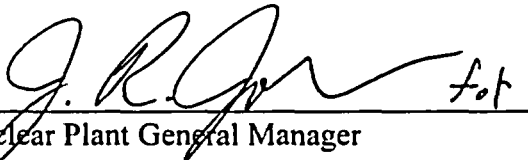
EMERGENCY EQUIPMENT AND SUPPLIES

S
A
F
E
T
Y

R
E
L
A
T
E
D

PROCEDURE USAGE REQUIREMENTS - PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	All Checklist
Information Use	Procedure Body pp. 1-11

Approved:


Nuclear Plant General Manager

Date Issued 10-30-03

LIST OF EFFECTIVE PAGES

PROCEDURE CONTAINSNUMBER OF PAGES

Body.....	11
Checklist A.....	2
Checklist B.....	4
Checklist C.....	1
Checklist D.....	1
Checklist E.....	1
Checklist F.....	1
Checklist G.....	3
Checklist H.....	3
Checklist I.....	1
Checklist J.....	1
Checklist K.....	3
Checklist L.....	8
Checklist M.....	2
Checklist N.....	1
Checklist O.....	1
Checklist P.....	1
Checklist Q.....	1
Checklist R.....	1
Checklist S.....	2
Checklist T.....	1
Checklist U.....	1
Checklist V.....	1
Checklist W.....	1
Checklist X.....	1
Checklist Y.....	1
Checklist Z.....	1
Checklist AA.....	1
Checklist BB.....	4
Checklist CC.....	2
Checklist DD.....	1
Checklist EE.....	1
Checklist FF.....	1
Checklist GG.....	2
Checklist HH.....	1
Checklist II.....	1
Checklist JJ.....	2
Checklist KK.....	2
Checklist LL.....	1

LIST OF EFFECTIVE PAGES

PROCEDURE CONTAINSNUMBER OF PAGES

Checklist MM	1
Checklist NN.....	1
Checklist OO.....	1
Checklist PP.....	1
Checklist QQ.....	1
Checklist RR.....	1
Checklist SS.....	1
Checklist TT.....	1
Checklist UU.....	4
Checklist VV.....	4
Checklist WW.....	1
Checklist XX.....	1
Checklist YY.....	1
Checklist ZZ.....	1

EMERGENCY EQUIPMENT AND SUPPLIES

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	Purpose	1
2.0	References	1
3.0	General	1
3.1	This procedure applies only to equipment and supplies stored for emergency use	1
3.2	Any person utilizing emergency equipment	1
3.3	The Emergency Planning Coordinator is responsible for	1
3.4	The Emergency Planning Coordinator is responsible for	1
3.5	Operability of equipment that is tested by FNP-0-STP-60.0, 60.11, 60.12	1
3.6	All emergency plan equipment storage locations should have inventory checklists	2
3.7	The Maintenance Manager is responsible for	2
3.8	The Fire Marshal is responsible for	2
3.9	The Security (Site) Manager	2
3.10	The Chemistry Superintendent is responsible for	2
3.11	The Operations Unit Superintendent is responsible for	2
3.12	The Material Department is responsible for	3
3.13	DELETED	3
3.14	Safety and Health is responsible for	3
3.15	The Maintenance Manager is responsible for	3
3.16	The Emergency Planning Coordinator is responsible for	3

4.0	An inventory shall be performed:	5
5.0	The following actions are to be performed daily	6
6.0	The following actions are to be performed weekly	6
7.0	Semi-annually, perform the following	6
8.0	Annually, perform the following	6
9.0	Expiration and Calibration Due dates	7
10.0	Respiratory Protection Equipment Requirements	7
11.0	Portable instrumentation requirements	8
12.0	Other battery operated devices requirements	9
13.0	Verify operability of the State of Alabama and Georgia RMT radios at the EOF, as follows:	9
14.0	Verify operability of the portable RMT electric generators at the EOF as follows:	9
15.0	Checklist Completion	9
16.0	Desk Pack Contents	10
17.0	Personnel Emergency Equipment	11

Checklist A - Control Room (EP)

Checklist B - Operations Support Center (EP)

Checklist C - Central Security Control Building, Fire Department (EP)

Checklist D - Aux Bldg, El 155, Unit 2, Rad Side, By Laundry (EP)

Checklist E - Auxiliary Building, El. 121, Unit 2, Rad Side, Near East Stairwell (EP)

Checklist F - Auxiliary Building, El. 83, Unit 1, Rad Side, West Stairwell (EP)

Checklist G - Plant Emergency Vehicle Equipment (SH)

Checklist H - FNP Stretcher Cabinets (SH)

Checklist I - Central Security Control Building Ambulance Kit (SH)

Checklist J - Nurses Station (SH)

Checklist K - EOF Air Compressor Shed, Radiation Monitoring Team Kits (EP)

Checklist L - Emergency Operations Facility (EP)

Checklist M - Southeast Alabama Medical Center (EP)

Checklist N - Control Room Emergency Food Supply (EP)

Checklist O - Assembly Areas (EP)

Checklist P - Chemistry Vehicle (CHEM)

Checklist Q - Auxiliary Building Entrance West, Non-Rad Hallway, Unit 1 (EP)

Checklist R - Service Bldg. Maintenance Shop (EP)

Checklist S - Satellite Telephone (EP)

Checklist T - HVAC System EOF (EP)

Checklist U - Auxiliary Building, El. 139, Unit 1, Rad Side Hallway by Counting Room (EP)

Checklist V - Auxiliary Building, El. 100, Unit 1, Rad Side Hallway (EP)

Checklist W - Auxiliary Building, El. 83, Unit 2, Rad Side Hallway (EP)

Checklist X - Hot Shutdown Panels, Unit 1 (EP)

Checklist Y - Hot Shutdown Panels, Unit 2 (EP)

Checklist Z - CSC Guard Tower Emergency Cellular Telephone (EP)

Checklist AA - Auxiliary Building, El. 83, Unit 2, Rad Side West Stairwell (EP)

Checklist BB - Technical Support Center (EP)

Checklist CC - Fire Fighting Equipment (FM)

Checklist DD - Plant Emergency Vehicle (SEC)

Checklist EE - Chemistry Eyewash/Shower Stations (CHM)

Checklist FF - Training Center Vehicle (EP)

Checklist GG - Fire Brigade Equipment (FM)

Checklist HH - Fire Brigade Van (SEC)

Checklist II - Environmental Vehicle (ENV)

- Checklist JJ - Unit 1 Cable Spreading Room Fire Emergency Equipment (OPS)
- Checklist KK - Unit 2 Cable Spreading Room Fire Emergency Equipment (OPS)
- Checklist LL - Canister Respirators
- Checklist MM - Visitor Center Vehicle (EP)
- Checklist NN - Auxiliary Building, El. 139, Unit 1 Rad Side Outside Elevator (EP)
- Checklist OO - Auxiliary Building, El. 139, Unit 2, Rad Side Pass Sample Area (EP)
- Checklist PP - Post Accident Sample Area, Auxiliary Building, El. 139, Unit 1 Rad Side (EP)
- Checklist QQ - Post Accident Sample Area, Auxiliary Building, El. 139, Unit 2 Rad Side (EP)
- Checklist RR - RMT Southern Linc and Kenwood Radios (EP)
- Checklist SS - Fire Tanker Truck Equipment (FM)
- Checklist TT - Fire Tanker Truck (SEC)
- Checklist UU - Smoke Removal Equipment (FM)
- Checklist VV - Alternate EOF Headland (EP)
- Checklist WW - Maintenance Vehicle Designated for EP Support, Identification # Can be Found on Key
in EP TSC /EOF Key Lockers (MM)
- Checklist XX - Fire Fighting Equipment SCBA's (EP)
- Checklist YY - Intentionally Blank
- Checklist ZZ - Material Department Eyewash/Shower Stations (STR)

EMERGENCY EQUIPMENT AND SUPPLIES

1.0 Purpose

This procedure establishes the actions to be taken to ensure the operational readiness of emergency equipment and supplies.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP Response (FNP-88-0442) to NRC Information Notice 88-15 Concerning Use of Potassium Iodide as a Thyroid Blocking Agent
- 2.3 FNP-0-CCP-333 Inspection of Safety Showers and Eye Wash.
- 2.4 FNP-0-EMP-1802.1, Battery Equipment Safety Check.
- 2.5 FNP-0-RCP-107, Use and Operation of Self Contained Breathing Apparatus (Pressure Tank Type)

3.0 General

- 3.1 This procedure applies only to equipment and supplies stored for emergency use and specifically listed in this procedure.
- 3.2 Any person utilizing emergency equipment stored in emergency lockers or cabinets shall promptly notify the Emergency Planning Coordinator of such use. Users of such items are to return non-expendable items to designated storage locations and properly dispose of expendable items.
- 3.3 The Emergency Planning Coordinator is responsible for ensuring that the Document Control procedure and drawing inventory sheets that are specified in the checklists contain the required procedures for the individual at the specified location to perform the required tasks during an emergency or emergency drill.
- 3.4 The Emergency Planning Coordinator is responsible for ensuring that any group that is required to perform a checklist due to drill or emergency use, a broken seal, routine inventory or other reasons has been informed.
- 3.5 Operability of equipment that is tested by FNP-0-STP-60.0, 60.11, 60.12 is verified during the performance of the STP on a monthly basis.

- 3.6 All emergency plan equipment storage locations should have inventory checklists displayed. Checklists H, O, P, Q, S, T, Z, DD, EE, FF, HH, II, LL, MM, RR, UU, WW, XX, YY, and ZZ are specifically excluded from this requirement.
- 3.7 The Maintenance Manager is responsible for preventive maintenance activities of the automotive portions of the vehicles specified in checklists P, DD, FF, HH, II, MM, TT, and WW.
- 3.8 The Fire Marshal is responsible for completion of the following checklists:
 - 3.8.1 Checklist CC - Fire Fighting Equipment (FM)
 - 3.8.2 Checklist GG - Fire Brigade Equipment (FM)
 - 3.8.3 Checklist SS - Fire Tanker Truck Equipment (FM)
 - 3.8.4 Checklist UU - Smoke Removal Equipment (FM)
- 3.9 The Security (Site) Manager is responsible for the following checklists and daily and weekly responsibilities:
 - 3.9.1 Checklist DD - Plant Emergency Vehicle (PEV) (SEC)
 - 3.9.2 Checklist HH - Fire Brigade Van (FBV) (SEC)
 - 3.9.3 Checklist TT - Fire Tanker Truck (FTT) (SEC)
 - 3.9.4 General visual inspection of the PEV and FBV.
 - 3.9.5 Daily perform general inspection of the Fire Tanker Truck.
 - 3.9.6 Weekly test drive the Fire Tanker Truck.
 - 3.9.7 Weekly perform a 20 to 30 minute test drive of the PEV.
- 3.10 The Chemistry Superintendent is responsible for completion of the following checklist:
 - 3.10.1 Checklist P - Chemistry Vehicle (CHEM)
 - 3.10.2 Checklist EE - Chemistry Eyewash/Shower Stations (CHEM)
 - 3.10.3 Checklist II - Environmental Vehicle (ENV)
- 3.11 The Operations Unit Superintendent is responsible for completion of the following checklists:

- 3.11.1 Checklist JJ - Unit 1 Cable Spreading Room Fire Emergency Equipment (OPS)
- 3.11.2 Checklist KK - Unit 2 Cable Spreading Room Fire Emergency Equipment (OPS)
- 3.12 The Material Department is responsible for completion of the following checklists:
 - 3.12.1 Checklist ZZ - Material Department Eyewash/Shower Stations (STR)
- 3.13 This step intentionally left blank.
- 3.14 Safety and Health is responsible for completion of the following checklists:
 - 3.14.1 Checklist G - Plant Emergency Vehicle Equipment (SH)
 - 3.14.2 Checklist H - FNP Stretcher Cabinets (SH)
 - 3.14.3 Checklist I - Central Security Control Building, Ambulance Kit (SH)
 - 3.14.4 Checklist J - Nurses Station (SH)
- 3.15 The Maintenance Manager is responsible for completion of the following checklists:
 - 3.15.1 Checklist WW - Maintenance Vehicle Designated for EP Support, Identification # Can be Found on Key in EP TSC /EOF Key Lockers (MM)
- 3.16 The Emergency Planning Coordinator is responsible for completion of the following checklists and for tracking the completion of all checklists:
 - 3.16.1 Checklist A - Control Room (EP)
 - 3.16.2 Checklist B - Operations Support Center (EP)
 - 3.16.3 Checklist C - Central Security Control Building, Fire Department (EP)
 - 3.16.4 Checklist D - Aux Bldg El 155, Unit 2 Rad Side Near East Stairwell (EP)
 - 3.16.5 Checklist E - Auxiliary Building, El. 121, Unit 2 Rad Side Near East Stairwell (EP)

- 3.16.6 Checklist F - Auxiliary Building, El. 83, Unit 1 Rad Side West Stairwell (EP)
- 3.16.7 Checklist K - EOF Air Compressor Shed, Radiation Monitoring Team Kits (EP)
- 3.16.8 Checklist L - Emergency Operations Facility (EP)
- 3.16.9 Checklist M - Southeast Alabama Medical Center (EP)
- 3.16.10 Checklist N - Control Room Emergency Food Supply (EP)
- 3.16.11 Checklist O - Assembly Areas (EP)
- 3.16.12 Checklist Q - Auxiliary Building Entrance West, Non-Rad Hallway, Unit 1 (EP)
- 3.16.13 Checklist R - Service Bldg. Maintenance Shop (EP)
- 3.16.14 Checklist S - Satellite Telephone (EP)
- 3.16.15 Checklist T - HVAC System EOF (EP)
- 3.16.16 Checklist U - Auxiliary Building, El. 139, Unit 1 Rad Side Hallway by Counting Room (EP)
- 3.16.17 Checklist V - Auxiliary Building, El. 100, Unit 1 Rad Side Hallway (EP)
- 3.16.18 Checklist W - Auxiliary Bldg., El. 83, Unit 2 Rad Side Hallway (EP)
- 3.16.19 Checklist X - Hot Shutdown Panels, Unit 1 (EP)
- 3.16.20 Checklist Y - Hot Shutdown Panels, Unit 2 (EP)
- 3.16.21 Checklist Z - CSC Guard Tower Emergency Cellular Telephone (EP)
- 3.16.22 Checklist AA - Auxiliary Building, El. 83, Unit 2 Rad Side West Stairwell (EP)
- 3.16.23 Checklist BB - Technical Support Center (EP)
- 3.16.24 Checklist FF - Training Center Vehicle (EP)
- 3.16.25 Checklist LL - Canister Respirators
- 3.16.26 Checklist MM - Visitor Center Vehicle (EP)

- 3.16.27 Checklist NN - Auxiliary Bldg., El. 139, Unit 1 Rad Side Outside Elevator (EP)
- 3.16.28 Checklist OO - Auxiliary Building, El. 139, Unit 2 Rad Side Pass Sample Area (EP)
- 3.16.29 Checklist PP - Post Accident Sample Area Auxiliary Building, El. 139, Unit 1 Radside (EP)
- 3.16.30 Checklist QQ - Post Accident Sample Area Auxiliary Building, El. 139 Unit 2 Radside (EP)
- 3.16.31 Checklist RR - RMT Southern Linc and Kenwood Radios (EP)
- 3.16.32 Checklist VV - Alternate EOF, Headland (EP)
- 3.16.33 Checklist XX - Fire Fighting Equipment SCBAs (EP)

4.0 An inventory shall be performed:

4.1 Weekly for the following checklists:

DD, HH and TT

4.2 Monthly for the following checklists:

F, P, Q, S, AA, EE, FF, II, LL, MM, NN, OO, RR, WW, XX, and ZZ

4.3 Quarterly for the following checklists:

A, B, C, D, E, G, H, I, J, K, L, M, N, O, R, S, T, U, V, W, X, Y, Z, BB, CC, GG, JJ, KK, PP, QQ, SS, UU and VV

4.4 Semi-annually for the following checklist:

NONE

4.5 Yearly for the following checklist:

NONE

4.6 After each emergency or drill during which the emergency equipment storage location is opened or equipment used.

NOTE: THE EMERGENCY PLAN SEALS ARE RED IN COLOR AND ARE STAMPED E. P. WITH THE CONTACT PAX EXTENSION. THIS IS AN ANSWERING MACHINE EXTENSION. LEAVE A MESSAGE AS TO WHICH SEAL HAS BEEN BROKEN.

- 4.7 Any time the seal on a storage location is found to be broken or tampered with by persons other than Emergency Planning personnel.
- 5.0 The following actions are to be performed daily.
 - 5.1 Perform a general visual inspection of the PEV and FBV and FTT to include:
 - 5.1.1 Adequate tire inflation
 - 5.1.2 Gas tank over 3/4 full
 - 5.1.3 Verify that external compartment doors are properly latched.
 - 5.1.4 Initiate appropriate corrective action to eliminate any identified deficiencies.
- 6.0 The following actions are to be performed weekly:
 - 6.1 Test drive the PEV for a minimum of 20 to 30 minutes at highway speeds. The PEV may be driven off-site to facilitate driving at highway speeds.
 - 6.2 Test drive the Fire Tanker Truck.
- 7.0 Semi-annually, perform the following:
 - 7.1 Insure pocket dosimeters are within calibration and replace as required.
 - 7.2 Ensure that each pocket dosimeter is zeroed.
- 8.0 Annually, perform the following:
 - 8.1 Replace all thermoluminescent dosimeters.
 - 8.2 Replace all tape, pens and latex gloves with fresh stock.

9.0 Expiration and Calibration Due dates

When an inventory is performed, the expiration date on consumables and the calibration due date shall be verified to be valid until the next scheduled inventory or other arrangements are made to replace or calibrate the equipment. A list of the expiration dates and calibration due dates may be posted on the outside of the storage location to expedite future inventories.

10.0 Respiratory Protection Equipment Requirements

10.1 Canister type respirators

- 10.1.1 Monthly, check the expiration date on the filter cartridge. Ensure that the filter's expiration date is at least beyond the last day of the next inventory period. (NUREG-0041, 29CFR1910)
- 10.1.2 Monthly, ensure that the seal of the protective bag containing the respirator is not broken. If the seal is broken, have the respirator recertified or replaced. The seal serves to verify that the respirator has not been worn since certification. (NUREG-0041, 29CFR1910)
- 10.1.3 If the above are acceptable, initial and date the respirator certification tag.
- 10.1.4 Fully inspect the respirators during the last month of each quarter. Remove the respirator from the bag, inspect it, place it in a bag, and seal the bag. (10CFR20 and Reg. Guide 8.15 for Respiratory Protection)
- 10.1.5 Ensure that the respirators are stored in a manner that they cannot be damaged by heat or twisted out of their normal configuration. Respirators should be stored with their sealing surface up to prevent deformation of the sealing surface. (NUREG-0041)

10.2 Self-Contained Breathing Apparatus (SCBA)

- 10.2.1 Check the pressure in the air tank. If the tank pressure is less than 2000 psig, initiate corrective action.
- 10.2.2 Ensure that the seal of the protective bag containing the SCBA mask is not broken. The seal serves to verify that the mask has not been worn since certification. If the above are acceptable, initial and date the respirator certification tag. If the seal is broken, have the mask recertified or replaced.
- 10.2.3 Fully inspect the respirators for SCBAs during the last month of each quarter. Remove the respirator from the bag, inspect it, place it in a bag

and seal the bag. (10CFR20 and Reg. Guide 8.15 for Respiratory Protection)

- 10.2.4 Verify the regulator main-line (yellow) valve is closed.
- 10.2.5 Verify the regulator bypass (red) valve is closed.
- 10.2.6 Open cylinder valve to pressurize regulator and hose.
- 10.2.7 Place hand over the regulator outlet to block it leaktight.
- 10.2.8 Open the regulator main-line (yellow) valve and check that the regulator pressure gauge does not rapidly drop indicating a leak in the regulator.
- 10.2.9 Compare the cylinder pressure gauge to the regulator pressure gauge, the allowable tolerance is plus or minus 10% and both gauges greater than 2000 psi.
- 10.2.10 Close the cylinder valve and check that the regulator pressure gauge does not rapidly drop, indicating a leak in the hose or regulator.
- 10.2.11 Take hand from regulator outlet and check the alarm as pressure goes down below approximately 500 psig.
- 10.2.12 Cycle the regulator bypass (red) valve, to ensure proper operation.
- 10.2.13 Verify the regulator main-line (yellow) valve is closed.
- 10.2.14 Verify the regulator bypass (red) valve is closed.

11.0 Portable instrumentation requirements

- 11.1 Insure portable radiological survey instruments and air samplers are within calibration, using manufacturer's recommendations as guidelines.
 - 11.1.1 A calibration schedule shall be maintained with all of the Emergency Planning portable instruments, air samplers, digital alarming dosimeters, self reading pocket dosimeter and any other equipment that requires periodic calibration.
- 11.2 Pocket dosimeter charger
 - 11.2.1 Check battery compartment for leakage from batteries. If leakage is found, clean compartment and replace batteries.

- 11.2.2 Rezero at least one pocket dosimeter to ensure that the charger is functional. If unit is not functional, replace it.

12.0 Other battery operated device requirements

- 12.1 Check the battery compartment for leakage from batteries. If leakage is found, clean compartment and replace batteries.

- 12.2 Operate the device. If the device is not functional, replace it.

13.0 Verify operability of the State of Alabama RMT radio and State of Georgia radio at the EOF as follows:

- 13.1 Establish communication with the appropriate Emergency Management (EM) office on all state radios.

14.0 Verify operability of the portable RMT electric generators at the EOF, as follows:

NOTE: GASOLINE IS TO BE STORED IN THE GENERATORS AND STORAGE CONTAINERS WHEN PLACED IN THE EOF STORAGE CABINET. TREAT GASOLINE WITH A STABILIZER PER THE STABILIZER MANUFACTURER'S INSTRUCTIONS.

- 14.1 Relocate the RMT generators and air samplers to an outdoor area.

- 14.2 Operate generators and air samplers (not less than 5 minutes).

- 14.3 Place the generators and air samplers back into the EOF storage area.

15.0 Checklist Completion

Personnel performing functions controlled by designated checklists are to:

- 15.1 Check all supplies for deterioration.

- 15.2 Replace any non-serviceable items. Generic replacements are acceptable if the intended use or function of the item is not compromised.

- 15.3 The quantity listed on the checklists is the minimum amount required.

- 15.4 Indicate the reason for the inspection on the checklist.

- 15.5 Initial in the designated blanks all items found to be in accordance with the checklist.

- 15.6 Utilize the "COMMENTS" section to provide appropriate information regarding checklist items.
 - 15.7 Whenever thyroid blocking drugs (Potassium Iodide) are found missing, notify the Emergency Planning Coordinator who will immediately notify the Assistant General Manager - Operations.
 - 15.8 Initiate needed corrective action.
 - 15.9 Notify the Emergency Planning Coordinator of any missing or inoperable equipment.
 - 15.10 The Emergency Planning Coordinator shall have a placard placed at the storage location indicating what equipment is missing or inoperable and steps being taken to return equipment back to operable status.
 - 15.11 Upon closing the storage location, affix a seal or a lock to the door, if so equipped.
 - 15.12 Sign and date the checklist.
 - 15.13 Route the checklist to the Emergency Planning Nuclear Specialist (EPNS).
 - 15.14 The EPNS is to review the checklist and route them to the Emergency Planning Coordinator.
 - 15.15 The Emergency Planning Coordinator is to review the checklists and route them to Document Control.
- 16.0 Desk Pack Contents
- 16.1 Each location that has a need for desk or administrative materials has been assigned a desk pack. Each desk pack will normally contain the minimum following materials: clip board, lined paper, phone memo pad, black pens, red pen, pencils, hi-liters, paper clips, stapler, staple puller, ruler tape dispenser, liquid paper.
 - 16.2 Desk packs listed for status board keepers will, in addition, include markers and cleaner for status boards.
 - 16.3 The supplies in desk packs that could deteriorate with time, such as pens, will be replaced annually.

17.0 Personnel Emergency Equipment

- 17.1** The following personnel emergency equipment will be maintained in accordance with the applicable checklist:

Checklist H - FNP Stretcher Cabinets

Checklist EE - Chemistry Eyewash/Shower Stations

Checklist ZZ - Material Department Eyewash/Shower Stations

- 17.2** The Maintenance controlled eyewash stations are covered under the PM program. The PM TPNS for this system is NSR4250002, "Battery Safety Equipment Check." This is performed and documented monthly.

- 17.3** Routine inspections performed using the checklist will include the following items as applicable:

Operability - Maintained per the checklist

Accessibility - Clear access to the equipment will be verified to ensure it can be reached for emergency use. To aid in maintaining clear access, a floor marking or sign may be used.

Location - Placement of the emergency equipment in the designated location specified by the checklist will be verified.

Posting - Each location will be marked to help locate it in an emergency and to aid in returning portable equipment to the proper location if it has been moved.

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST A

LARGE STORAGE LOCKER AND SOUND POWERED PHONE CABINET.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Air sampler filter paper (box)	1
_____	Silver Zeolite, individual cartridge (OR-1-99-383)	25
_____	Expiration Date _____	
_____	Expiration after next inventory Yes _____ No _____	
_____	Potassium Iodide, Bottle (OR-1-99-383)	150
_____	Expiration Date _____	
_____	Expiration after next inventory Yes _____ No _____	
_____	If thyroid blocking drugs (Potassium Iodide) are found missing, notify the Emergency Planning Coordinator. The Emergency Planning Coordinator will then immediately notify the Asst. General Manager - Operations	
_____	Twirl Packs (box)	1
_____	Polybags	20
_____	Polysheets, package	1
_____	Absorbent wipes, package	1
_____	Knife, Razor	1
_____	Scissors	2
_____	Flashlights...Battery Compartment Operational	10
_____	Tape, Electrical	2
_____	Tape, Masking	2
_____	Coveralls, Work Type	4
_____	Gloves, disposable package	1
_____	Tool Kit containing:	1
_____	channel locks, hacksaw, carpenters hammer, sledge hammer, pliers, screwdriver set, side cutters, pipe wrench, large adjustable wrench, small adjustable wrench	
_____	First Aid Kit	1
_____	Kenwood Radio with Charger:	3
_____	Cord, sound powered phone, 600'	1
_____	Electrical jumper for FRP-H.1 (ea)	6
_____	Hose couplings for fire water supply to DG's (ref: FNP-0-AOP-49)	4

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST A

LARGE STORAGE LOCKER AND SOUND POWERED PHONE CABINET.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

CONTROL ROOM SOUND POWERED PHONE CABINETS

	Headsets, Sound Powered Phone....Operational	2
--	--	---

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

	Dose rate meter	1
--	-----------------	---

	Contamination meter	1
--	---------------------	---

	Air sampler	1
--	-------------	---

ENN CR FNP SOUTHERN LINC RADIO

	Shift Foreman's Office.....Operational	1
--	--	---

	U-2 Shift Supervisor Desk.....Operational	1
--	---	---

NOTES:

If the Silver Zeolite cartridges, Iodine canisters or Potassium Iodide expire before the next inventory, change them out at this time.

Ensure that the respirators are stored in a manner that they cannot be damaged by heat or twisted out of their normal configuration. Respirators should be stored with their sealing surface up to prevent deformation of the sealing surface. (NUREG-0041)

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST B

OPERATIONS SUPPORT CENTER....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory

EP-OSC-OSC MANAGER

EP-OSC-P.A.S.S. CABINET

HEALTH PHYSICS/HP SUPPORT CABINET

	First Aid	1
	Flashlights....Battery Compartment Operable	2
	Gloves, Disposable, package	1
	Absorbent wipes, package	1
	Radiation barrier tape or rope	100 ft
	Scissors, pr.	1
	Airborne Radioactivity Area signs	3
	Contaminated Area signs	3
	High Radiation Area signs	3
	Radiation Area signs	3
	Tape, Masking, roll	2
	Tape, Duct, roll	2
	Detergent, package	2
	Extension cord for chemistry lab	1
	Applicators, Cotton Tufted, package	1
	Bags, plastic	20
	Brushes, Hand	2
	Clippers, Hair	1
	CST flange, tygon, tie wraps, 1 1/4" wrench (ea)	2
	Swabs, Nasal	20
	Tweezers	2
	Wristbands	10
	Digital Alarming Dosimeters listed below check fast entry mode	
	Fast entry settings and count for OSC DAD'S	
	Leak search/Re-Entry disconnects: 100R/hr dose rate; 10 Rem dose	20
	Drawing PASS: 20R/hr dose rate; 5 Rem dose	10
	Relocation sample prep/disconnects: 5R/hr dose rate; 1 Rem dose	14
	Area monitors: 40 mrem/hr dose rate; 100mrem dose	6
	Verify that the labeling is legible and correct on all chemical products, per SHP-26	
	Twist-Lock Adapter (Construction Male/Household Female)	3

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST B

OPERATIONS SUPPORT CENTER....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
POST ACCIDENT SAMPLE CABINET		
_____	Gaseous Effluent Sample Bags..Each bag contains 2-14 mv glass vials with rubber septums, syringe with needle, filter paper and 3' tygon tubing, silver zeolite cartridge (OR-1-99-383)	6
	Expiration Date _____	
	Expiration after next inventory Yes ___ No ___	
_____	RCS Sample Bags ... Each bag contains 2 sample bottles, 2-14 mv vials with rubber septums, 4 planchets, syringe with needle	6
_____	5 cc gas syringe	10
_____	10cc gas syringe	5
_____	1 cc gas syringe	2
_____	0.5 cc gas syringe	30
_____	Needles for gas syringe	21
_____	Particulate filters	200
_____	Labels for gas release samples	100
_____	14 mv vials	50
_____	14 mv septa	100
_____	Plastic bags	50
_____	Petri dishes	60
_____	Forceps	3
_____	75 ml Plastic Vials	24
_____	Plastic funnels (small)	24
_____	30 ml Plastic bottles	28
_____	Planchets (2" x 5/16")	75
_____	Latex gloves (package)	1
_____	Safety glasses	2
_____	1 liter Marinelli (liquid)	1
_____	1 liter Marinelli (gas)	6
_____	250 ml bottles	12
_____	Charcoal Cartridge (box) (OR-1-99-383)	2
	Expiration Date _____	
	Expiration after next inventory Yes ___ No ___	
_____	Silver Zeolite, individual cartridge (OR-1-99-383)	50
	Expiration Date _____	
	Expiration after next inventory Yes ___ No ___	
_____	Small bags	20
_____	Air sample labels	20
_____	Microprobe pH electrodes	2
_____	Stirring bar, magnetic	1
_____	Buret, piston	2

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST B

OPERATIONS SUPPORT CENTER....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
POST ACCIDENT SAMPLE CABINET		
_____	Pipets, 1, 2, 5, 10 mls	1 ea.
_____	Flexible arm electrode holder	1
_____	Stirring rods	4
_____	Shortened 10 ml graduated cylinder	1
_____	Labels for sample containers	1 pack
_____	Logbook	1
_____	Electrode extensions	1
_____	1/4" tygon tubing	20 ft
_____	15 ml vials	3
_____	3/8" tygon tubing	40 ft
_____	Tie wraps (bag)	1
_____	Knife (razor)	2
RE-ENTRY CABINET		
_____	Extremity TLDs.....annual replacement	60 ea.
_____	Coveralls, plastic (box)	2
_____	Plastic Shoe Covers (CS)	1
_____	Tape, Masking (roll)	5
_____	Coveralls, disposable, white (CS)	3
_____	Latex "Steeleboot" or Rubber Shoe Covers (CS)	1
_____	Hood, Tyvek (CS)	1
_____	Surgeon's cap, Tyvek (CS)	1
_____	Surgeon's gloves (CS)	1
_____	Glove liners (CS)	1
_____	Rubber gloves (CS)	1
OSC MANAGER'S DESK		
_____	Re-entry log book....contents per cover sheet	1
_____	Portable PA system...operation....battery compartment O.K.	1
_____	Desk pack	1
_____	flashlights...operational...battery compartment OK	2
_____	TSC intercom Gaitronics...operational	1
_____	Phone...6074...operational	1
_____	Phone...2448...operational	1
_____	Phone...2416...operational	1

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST B

OPERATIONS SUPPORT CENTER....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

<u> </u>	Pole detector-dose rate meter	3
<u> </u>	Low range dose rate meter	5
<u> </u>	High range dose rate meter	1
<u> </u>	Contamination meter	5
<u> </u>	Air sampler	5

HP OFFICE AREA

<u> </u>	Portable Trauma Kit	1
<u> </u>	First Aid Supplies, set	1

NOTES:

If the Silver Zeolite cartridges or charcoal cartridges expire before the next inventory, change them out at this time.

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST C

CENTRAL SECURITY CONTROL BUILDING, FIRE DEPARTMENT....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Charger, Dosimeter...Battery Compartment Operational	1
_____	Dosimeters, Pocket (5R)....Calibration O.K.	5
_____	Fire Rescue Suit	1
_____	Gloves, pr	5
_____	TLDs...3 background/9 for use...annual replacement	12
_____	Gloves, Disposable, package	1
_____	Safety Glasses (pr)	5

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

_____	Dose rate meter	1
_____	Contamination meter	1
_____	Air sampler	1
_____	RMT's DAD's (fast entry mode) 1R/hr dose rate; 1 Rem dose	2

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

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CHECKLIST D

AUX BLDG EL 155 UNIT 2 RAD SIDE BY LAUNDRY....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Blankets	2
_____	Bucket	1
_____	Decon. Solution (bottle)	1
_____	First Aid Kit	1
_____	Gloves, Disposable, package	1
_____	Absorbent wipes, package	1
_____	Mop	1
_____	Polysheets, package	1
_____	Coveralls, disposable, white	3
_____	Surgeon Gloves, pr	6
_____	Latex "Steeleboot" or Rubber Shoe Covers, pr	3
_____	Plastic Shoe Covers, pr	6
_____	Hood	3
_____	Surgeon's cap	3
_____	Radiation barrier tape or tope	100 ft
_____	Scissors, pr	1
_____	Airborne Radioactivity Area signs	3
_____	Contaminated Area signs	3
_____	High Radiation Area signs	3
_____	Radiation Area signs	3
_____	Tape, Masking. roll	2
_____	Flashlight....battery compartment operable	1
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26.	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST E

AUXILIARY BUILDING, EL. 121 UNIT 2 RAD SIDE NEAR EAST STAIRWELL...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Blankets	2
_____	Bucket	1
_____	Decon. Solution (bottle)	1
_____	First Aid Kit	1
_____	Gloves, Disposable, package	1
_____	Absorbent wipes, package	1
_____	Mop	1
_____	Polysheets, package	1
_____	Coveralls	3
_____	Cloth Gloves, pr	3
_____	Rubber Gloves, pr	3
_____	Cloth Shoe Covers, pr	3
_____	Rubber Shoe covers, pr	3
_____	Hood	3
_____	Surgeon's cap	3
_____	Radiation barrier tape or rope	100 ft
_____	Airborne Radioactivity Area sign	3
_____	Contaminated Area sign	3
_____	High Radiation Area sign	3
_____	Radiation Area sign	3
_____	Tape, Masking, roll	2
_____	Flashlight...battery compartment operational	1
_____	Scissors (pr)	1
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26.	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST F

AUXILIARY BUILDING, EL. 83 UNIT 1 RAD SIDE WEST STAIRWELL....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Self Contained Breathing Apparatus	1
_____	Verify that the SCBA unit is operational per step 10 of the EIP.	

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Monthly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST G

PLANT EMERGENCY VEHICLE EQUIPMENT....(SH)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Oxygen masks	4
_____	Suction catheter, each	4
_____	Gauze bandage 4" x 5 yards, boxes	2
_____	Large eye pads, boxes	2
_____	Rescue mask, each	4
_____	Penlights, each	6
_____	Non-adhering dressing 3" x 8", boxes	2
_____	Bandage scissors, each	2
_____	Hypo-allergenic tape, boxes	2
_____	Band aids, boxes	2
_____	Gauze sponges 4" x 4", packs	4
_____	Gauze sponges 3" x 3", packs	4
_____	Butterfly closures, boxes	2
_____	Burn sheets, each	5
_____	Airway kits, each	2
_____	Air splint kits, each	2
_____	Trauma dressing 30" x 10", each	4
_____	Elastic bandage, each	6
_____	Sodium Chloride solution, bottle (OR-1-99-383)	1
_____	Expiration Date _____	
_____	Expiration after next inventory Yes _____ No _____	
_____	Neck collars, each	4
_____	Wound wipes, boxes	3
_____	Gauze scissors, each	1
_____	Surgipads, each	10
_____	CPR board, each	1
_____	Laerdal portal suction unit, each	1
_____	Portable oxygen kit, each...tank pressure $\geq 1/4$ full scale	1
_____	1/2" hypo-allergenic cloth tape, boxes	1
_____	Cold packs, each	8
_____	Long back board, each	1
_____	Short back board, each	1
_____	Stretcher, each	2
_____	Scoop stretcher, each	1
_____	Breathing air bottle, each ...tank pressure ≥ 50 psig	1
_____	Hospital radio operability check, circle one	SAT/UNSAT
_____	Blood pressure kit, each	1
_____	Ambu Bag	1
_____	Trauma kit	1

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST G

PLANT EMERGENCY VEHICLE EQUIPMENT....(SH)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	Bags, Plastic	10
	Blankets	2
	Charger, Dosimeter...Battery Compartment Operational	1
	Dosimeters, Pocket (5R)...calibration O.K.	2
	First Aid Kit	1
	Gloves, disposable, package	1
	Labels, "CAUTION RADIOACTIVE MATERIAL" (roll)	1
	Lead Covering Material, sheet	1
	Coveralls, disposable, white	4
	Surgeon gloves, pr	8
	Latex "Steeleboot" or Rubber Shoe Covers, pr	4
	Plastic Shoe Covers, pr.	12
	Hood, Tyvek	4
	Surgeon cap, Tyvek	4
	Decon Solution (bottle)	1
	Airborne Radioactivity Area signs	4
	Radiation Area signs	4
	Contaminated Area signs	4
	Radioactive Materials signs	4
	Tape, Masking, roll	1
	TLDs...3 background/9 for use...annual replacement	12
	Wristbands	10
	Absorbent wipes, package	1
	Flashlight...Battery compartment operable	1

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

	Contamination meter	1
--	---------------------	---

NOTES:

If the Sodium Chloride Solution expires before the next inventory, change it out at this time.

COMMENTS

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST G

PLANT EMERGENCY VEHICLE EQUIPMENT....(SH)

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other_____

CHECKED BY:_____

TITLE:_____

DATE:_____

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST H

FNP STRETCHER CABINETS....(SH)

NOTE: Inspection includes verifying accessibility and posting per step 18.0.

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
UTILITY BUILDING		
_____	Pole Stretcher...Blanket	1
WATER TREATMENT PLANT		
_____	Stretcher, basket...with 4-point sling, 4 body straps, 2 blankets	1
SRV.BLDG.MAINTENANCE SHOP		
_____	Stretcher, basket...with 4-point sling, 4 body straps, 2 blankets	1
C.S.C. BUILDING		
_____	Pole Stretcher...Blanket	1
SWITCHHOUSE		
_____	Pole Stretcher....Blanket	1
CONTROL ROOM		
_____	Pole Stretcher....Blanket	1
UNIT I AUX-RCA 155' W. STAIRS		
_____	Stretcher, basket....with 4 point sling, 4 body straps, 2 blankets	1
UNIT 1 AUX-RCA 139' W. STAIRS		
_____	Pole Stretcher...Blanket	1
UNIT 1 AUX-RCA 121' E. HALL		
_____	Pole Stretcher...Blanket	1
UNIT 1 AUX-RCA 100' W. STAIRS		
_____	Pole Stretcher...Blanket	1
UNIT 1 AUX-RCA 83' W STAIRS		
_____	Stretcher, basket...with 4-point sling, 4 body straps, 2 blankets	1
UNIT 1 AUX NON-RAD 139' STAIRS		
_____	Pole Stretcher...Blanket	1
UNIT 1 AUX-NON-RAD 121' STAIRS		
_____	Pole Stretcher....Blanket	1

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST H

FNP STRETCHER CABINETS...(SH)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	UNIT 1 AUX-NON-RAD 100' STAIRS _____ Pole Stretcher....Blanket	1
	UNIT 1 TURB BLDG 189' W. STAIRS _____ Pole Stretcher....Blanket	1
	UNIT 1 TURB BLDG 137' S. STAIRS _____ Pole Stretcher....Blanket	1
	SRV.WTR. NE ENTRANCE _____ Pole Stretcher....Blanket	1
	RIVER WTR. S. COMPARTMENT _____ Pole Stretcher....Blanket	1
	DIESEL GEN BLDG W. ENTRANCE _____ Pole Stretcher....Blanket	1
	FIRE PROTECTION BUILDING _____ Stretcher, Basket....with 4-Point Sling, 4 Body Straps, 2 Blankets	1
	UNIT II TURBINE BLDG EL. 155' _____ Stretcher, Basket....with 4-Point Sling, 4 Body Straps, 2 Blankets	1
	UNIT II AUX-RAD 155' E. _____ Stretcher Basket,....Blanket	1
	UNIT II TURBINE BLDG. 189' N. STAIRS _____ Pole Stretcher....Blanket	1
	UNIT II AUX-NON-RAD 139' STAIRS _____ Pole Stretcher....Blanket	1
	UNIT II AUX-NON-RAD 121' STAIRS _____ Pole Stretcher....Blanket	1
	UNIT II TURBINE BLDG. 137' N. STAIRS _____ Pole Stretcher....Blanket ,	1

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EMERGENCY EQUIPMENT AND SUPPLIES

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CHECKLIST H

FNP STRETCHER CABINETS...(SH)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	UNIT II AUX-NON-RAD 100' STAIRS	
	_____ Pole Stretcher....Blanket	1
	UNIT II AUX RAD 139' E. STAIRS	
	_____ Pole Stretcher....Blanket	1
	UNIT II AUX RAD 121' E. STAIRS	
	_____ Pole Stretcher....Blanket	1
	UNIT II AUX RAD 100' E. STAIRS	
	_____ Pole Stretcher....Blanket	1
	UNIT II AUX RAD 83' W. STAIRS	
	_____ Pole Stretcher....Blanket	1
	UNIT II CL ₂ HOUSE/COOLING TOWER	
	_____ Pole Stretcher....Blanket	1
	EOF	
	_____ Pole Stretcher....Blanket	1

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST I

CENTRAL SECURITY CONTROL BUILDING, AMBULANCE KIT....(SH)
(Stored in Fire Protection Cabinet)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Bags, Plastic	10
_____	Blanket	1
_____	Charger, Dosimeter...Battery Compartment Operational	1
_____	Dosimeters, Pocket (5R)...Calibration O.K.	4
_____	Labels, "CAUTION RADIOACTIVE MATERIAL"(roll)	1
_____	Lead Covering Material, sheet	1
_____	Desk pack	1
_____	Lab Coats	4
_____	Cloth Gloves, pr	4
_____	Rubber Gloves, pr	4
_____	Cloth Shoe Covers, pr	4
_____	Rubber Shoe Covers, pr	4
_____	Hood	4
_____	Surgeons Caps	4
_____	Airborne Radioactive Area signs	4
_____	Radiation Area signs	4
_____	Contaminated Area signs	4
_____	Radioactive Materials signs	4
_____	Tape, Masking, roll	2
_____	TLDs....3 background/4 for use.....annual replacement	7
_____	Gloves, disposable, package	1
_____	Wristbands	10

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST J

NURSES STATION...(SH)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Decon solution (bottle)	1
_____	Detergent (package)	1
_____	Hand brushes	2
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST K

EOF AIR COMPRESSOR SHED, RADIATION MONITORING TEAM KITS...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
<u>Kit 1</u>	<u>Kit 2</u>	<u>Kit 3</u>

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets.
Verify procedures per the DC inventory.

	EP-EOF-RMT KIT 1
	EP-EOF-RMT KIT 2
	EP-EOF-RMT KIT 3

SMALL CASE:

	Air Sampling Package (Silver Zeolite) (OR-1-99-383)	6
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	
	Compass	1
	Flashlight...Battery Compartment Operational	2
	RMT Keys (set)	1
	Desk pack	1
	Survey Forms (EIP-4, Fig. 4)	5
	TLDs...3 background /4 for use...replace annually	7
	(Background TLD's in Cabinet and are not in each case)	
	Tweezers	1
	Safety Glasses (pr)...clear	2
	Safety Glasses (pr)...tinted	2
	Smears, box	1
	Radio Area Coverage Map	1
	Gloves, disposable, package	1
	Tape, masking (roll)	1
	Labels, "Caution-Radioactive Material" (roll)	1
	Filters for Environmental Air Samplers	15 each

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST K

EOF AIR COMPRESSOR SHED, RADIATION MONITORING TEAM KITS...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

<u>Kit 1</u>	<u>Kit 2</u>	<u>Kit 3</u>		
--------------	--------------	--------------	--	--

LARGE CASE

_____	_____	_____	Absorbent Paper (package)	1
_____	_____	_____	Bags, plastic	10
_____	_____	_____	Flashlights (spotlights)..Battery compartment operational	2
_____	_____	_____	Coveralls (disposable)	4
_____	_____	_____	Rubber Gloves (pr) (disposable)	8
_____	_____	_____	Latex "Steeleboot" or Rubber Shoe Covers , pr (disposable)	4
_____	_____	_____	Hood (disposable)	4
_____	_____	_____	RMT Vehicle Signs (Stored in Room 118)	3
_____	_____	_____	Gloves, package (disposable)	1
_____	_____	_____	Cubitainer (at least 1 gal. capacity)	3
_____	_____	_____	Grass clippers (pr)	1
_____	_____	_____	Small shovel	1
_____	_____	_____	Tape, duct (roll)	1
_____	_____	_____	Weighted Sample Bottle and Rope	1
_____	_____	_____	Sample Pump and Tubing	1

EOF RMT CABINET:

_____	_____	_____	Plot Board	1
_____	_____	_____	Rain Coats	2
_____	_____	_____	Rain Pants	2
_____	_____	_____	Rain Boots	2

EOF RMT GENERATOR CABINET:

_____	_____	_____	Portable electric generator...Operable	1
_____	_____	_____	1/2 gallon gas can...(empty or treated)	1
_____	_____	_____	Funnel	1
_____	_____	_____	Hand pump for gas removal	1

NOTES:

If the Silver Zeolite cartridges or charcoal cartridges expire before the next inventory, change them out at this time.

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST K

EOF AIR COMPRESSOR SHED, RADIATION MONITORING TEAM KITS...(EP)

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES

Obtain the following Document Control procedure. Verify procedures per the DC inventory.

_____	EP-EOF-RECOVERY MANAGER	
_____	EP-EOF-REC. MGR. ASSISTANT	
_____	EP-EOF-ENV. SUPERVISOR	
_____	EP-EOF-REACTOR ENGINEER	
_____	EP-EOF-COMP SERV SUPPORT	
_____	EP-EOF-QC SUPPORT	
_____	EP-EOF-DAD	
_____	EP-EOF-ACCESS CONTROL	
_____	EP-EOF-STATUS BD KEEPER	
_____	EP-EOF-RMT CONTROLLER	
_____	EP-EOF-KEY LOCKER	
_____	EP-EOF-GOP-RECOVERY MANAGER	
_____	EP-EOF-GOP-REC. MGR ASSISTANT	

CABINET 1L DESK

_____	TSC/EOF Gaitronics	1
_____	Telephone...1611...operational	1
_____	Telephone...6156...operational	1
_____	FNP RMA Southern Linc Radio.....operational	1

CABINET 1L DRAWER A - RECOVERY MANAGER

_____	Log Book	1
_____	In Boxes	1
_____	Desk Pack	1

CABINET 1L DRAWER B

_____	10CFR parts 0-99	1
_____	S.R.O.O.I.R.A.P.	1
_____	Nureg - 0845	1

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
CABINET 1L DRAWER C/D - RECOVERY MANAGERS ASSISTANT		
_____	Desk Pack	1
_____	Loud Speaker	1
CABINET 2L DESK		
_____	FTS Phone...HPN	1
_____	FTS Phone...RSCL	1
_____	FTS Phone...ENS	1
_____	Tone Alert Radio...operational	1
CABINET 2L DRAWER A - DOSE ASSESSMENT DIRECTOR		
_____	Log Book	1
_____	Desk Pack	1
CABINET 2L DRAWER B		
_____	Dothan telephone book	1
_____	Birmingham telephone book	1
CABINET 2L DRAWER C - ENVIRONMENTAL SUPERVISOR		
_____	Log Book	1
_____	Solar Calculator	1
_____	Desk Pack	1
CABINET 2L DRAWER D...no inventoried items		
CABINET 3L DESK		
_____	FTS phone...HPN	2
_____	FTS phone...PMCL	2
_____	Wireless Headset	1
CABINET 3L DRAWER A - STATUS BOARD KEEPER		
_____	Wipe-all (pkg)	2
_____	Markers	4
_____	Marker Board Cleaner (bottles)	3

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
CABINET 3L DRAWER A - STATUS BOARD KEEPER		
_____	NOUE sign	1
_____	Alert sign	1
_____	Site sign	1
_____	General sign	1
_____	Unit 1 sign	1
_____	Unit 2 sign	1
_____	Unit 1, 2 sign	1
_____	Desk Pack	1
CABINET 3L - DRAWER B...no inventoried items		
CABINET 4L - COMMUNICATION AREAS		
_____	GEMA Fleet Southern Linc Radio...Operational	
_____	AEMA Fleet Southern Linc Radio...Operational	
_____	ENN EOF FNP Southern Linc Radio ...Operational	
CABINET 5L COMMUNICATIONS AREA		
_____	ENN	1
_____	Telephone...6154...Operational	1
_____	Telephone...4659...Operational	1
CABINET 6L COMMUNICATIONS AREA		
_____	Telephone...4662 (GA call-in)..Operational	1
_____	Telephone...4663 (AL call-in)...Operational	1
_____	Desk Pack	2
_____	FAX Instruction Book	1
CABINET 7L		
_____	Extension Cords	6
_____	Ground Fault Interrupter	1
_____	Phone Extension Cords	9
CABINET 8L - FORMS DRAWER		
_____	Verify correct forms per drawer index	
CABINET 9L....No inventoried items		

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

CABINET 10L - COMMUNICATION AREA

	Fax Machine (Ga.Fax) 814-4653	1
	Fax Machine (Ala.Fax) 257-1035	1
	Log Book	1
	Telephone...6200...operational	1
	TLDs...3 background/50 for use..replaced annually	53
	Digital Alarming Dosimeters listed below...check fast entry mode	
	Fast entry settings and count for EOF DADs	
	EOF staff and area monitors: 40 mrem/hr dose rate; 100 mrem dose	42
	RMTs (Rm. 118): 1R/hr dose rate; 1 rem dose	6
	Printer Paper (8-1/2 x 11) (pks)	8
	Printer Cartridge (ERDS/ARDA/RMDA printer)	1
	Printer Cartridge, black ink (Midas/EIP29/30)	2
	Printer Cartridge, color ink (EIP29/30)	1
	Printer Cartridges, color ink (Midas)	1
	Printer Cartridge (Fax Machines)	2

DOSE ASSESSMENT AREA

	MIDAS Computer	1
	MIDAS Printer	1
	ERDS Computer	1
	ERDS Printer	1
	EIP-29/30 Computer	1
	EIP-29/30 Printer	1
	Desk Packs	2
	Telephone...6130...operational	
	Telephone...6121...operational	

ROOM 118

	Potassium Iodide, bottle (OR-1-99-383)	150
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	
	If thyroid blocking drugs (Potassium Iodide) are found missing, notify the Emergency Planning Coordinator. The Emergency Planning Coordinator will then immediately notify the Assistant General Manager-Operations.	n/a

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
ROOM 118		
	Flashlights	2
	First Aid Kit	1
	Tool Kit...containing channel locks, hacksaw, carpenters hammer, pliers, screwdriver set, pipe wrench, large adjustable wrench, small adjustable wrench	1
	Telephone...6120...operational	1
	EOF RMT Control Southern Linc Radio.....operational	
	Alabama radio base station.....operational	1
	Georgia radio base station.....operational	1
	Desk Pack	1
	EOF RMT Control Kenwood portable radio	1

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

	Dose rate meter	4
	Contamination meter	4
	Air sampler	4

ROOM 118 KEY CABINET

	Key 1 EOF master...MD-23	1
	Key 2 EOF master...MD-22	1
	Key 3 EOF master...MD-21	1
	Key 4 EOF master...MD-25	1
	Key 11 Vis. Center Storage Rm. 263...VIS 3	1
	Key 12 Comm. Rm. 108...2GC-600	1
	Key set Chemistry Truck	1 set
	Key set Maintenance Vehicle	1 set
	Key set Env. Truck	1 set
	Key set Training Center Van	1 set
	Key set Visitor Center Van	1 set
	Side Cutters (for cutting red seals) pr	1

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

NRC CART 105

	Telephone...4660...operational	1
	Telephone...MCL...FTS	1
	Telephone...ENS...FTS	1
	Logbook	1
	Desk Pack	1
	Telephone...6119 (room 103)...operational	1
	Telephone...6122 (room 104)...operational	1
	Telephone...6131 (room 105)...operational	1

PHONE CART 1 AND 2

	Telephone...6135...operational	1
	Telephone...8-257-1603...operational	1
	Telephone...6145/6156...operational	1
	Telephone...8-257-1611...operational	1
	Telephone...4678...operational	1
	Telephone...4658...operational	1
	Telephone...4676...operational	1
	Telephone...6155...operational	1
	Telephone...4677...operational	1
	Telephone...4657...operational	1
	Telephone...4656...operational	1
	Telephone...6133...operational	1
	Telephone...4203...operational	1
	Telephone...4204...operational	1
	Telephone...3355...operational	1
	Telephone...3387...operational	1

HP CABINET #L-11 HALLWAY ACROSS FROM RM 119

	Safety Glasses (20 pr)	1 pk
	Plastic Booties (20 pr)	1 pk
	Tyvek Hoods (15 each)	1 pk
	Latex "Steeleboot" or Rubber Shoe Covers (5 pr)	1 pk
	Coveralls (5 pr)	3 pk
	Surgeon's gloves (box)	2
	Silver Zeolite....individual cartridge (OR-1-99-383)	20 pk
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	HP CABINET #L-11 HALLWAY ACROSS FROM RM 119	
	Masking Tape (roll)	2
	HP CABINET #L-12 HALLWAY ACROSS FROM JANITOR'S CLOSET	
	Decon Solution (bottle)	2
	Tape, electrical (roll)	2
	Lead pigs	2
	Smears (box)	2
	Rope, Radiation	100 ft
	Sample bottle 1 ltr (small mouth)	4
	Sample Bottle 9 ltr (large mouth)	4
	Petri dish (20/pk)	5
	Planchettes (100/pk)	1
	Step-off pads	5
	Wipe Alls (pk)	1
	Marinelli 1 ltr w/lids	8
	Marinelli 4 ltr w/lids	8
	Sample bottle, 30 ml. (20/pk)	1
	Lab paper	50 ft
	Signs "Caution Radiation Controlled Area"	3
	Rad. Area, sign	6
	Rad. Materials sign	6
	Contaminated Area sign	6
	Verify that the labeling is legible and correct on all chemical products, per SHP-26	
	MECHANICAL EQUIPMENT ROOM 113 - NRC CABINET	
	NRC Trainer Extension Cords (30')	3
	SIMULATOR	
	ENN Sim FNP Southern Linc Radio.....Operational	1

NOTES:

If the Silver Zeolite cartridges or Potassium Iodide expire before the next inventory, change them out at this time.

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST L

EMERGENCY OPERATIONS FACILITY...(EP)

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST M

SOUTHEAST ALABAMA MEDICAL CENTER...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory.

<u> </u>	EP-MORGUE-S.A.M.C.	
<u> </u>	Bags, Plastic	20
<u> </u>	Charger, Dosimeter...Battery compartment operational	1
<u> </u>	Dosimeter, Pocket (5R)...Calibration O.K.	10
<u> </u>	Dosimeter, Pocket (200 mrem)...Calibration O.K.	20
<u> </u>	Clippers, Hair	1
<u> </u>	Decon. Solution (bottle)	1
<u> </u>	Detergent Soap, package	1
<u> </u>	Drums, Waste	3
<u> </u>	Filter Paper, Package	2
<u> </u>	Charcoal Cartridge (OR-1-99-383)	10
<u> </u>	Expiration Date <u> </u>	
<u> </u>	Expiration after next inventory Yes <u> </u> No <u> </u>	
<u> </u>	Labels, "CAUTION RADIOACTIVE MATERIAL" (roll)	1
<u> </u>	Lead pig	1
<u> </u>	Paper, Absorbent, package	1
<u> </u>	Rubber Gloves, pr	20
<u> </u>	Surgeon's gloves, pr	8
<u> </u>	Plastic shoe covers, pr	20
<u> </u>	Desk Pack	1
<u> </u>	Survey Forms (set)	1
<u> </u>	Radiation rope or barrier tape	100 ft
<u> </u>	Radiation Area signs	10
<u> </u>	Contaminated Area signs	10
<u> </u>	Radioactive Materials signs	10
<u> </u>	High Radiation Area signs	5
<u> </u>	Smears, box	1
<u> </u>	Negative Pressure Unit	1
<u> </u>	Tape, duct, roll	6
<u> </u>	TLDs...3 background/18 for use..replace annually	21
<u> </u>	Extremity TLDs, pr.....replace annually	5
<u> </u>	Rad bags	4
<u> </u>	Step-off pads	2
<u> </u>	Herculite	1
<u> </u>	Tyveks coveralls (white) case	2
<u> </u>	Sample bucket.	1
<u> </u>	Sample bottle	4

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST M

SOUTHEAST ALABAMA MEDICAL CENTER...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Scotch Brite pads (or similar product)	10
_____	Hospital decontamination table	1
_____	20 gal. container for hospital decontamination table	4
_____	Portable hospital decontamination table	2
_____	5 gal. container for portable hospital decontamination table	4
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26	

PORTABLE SURVEY INSTRUMENTS

Verify the following portable instruments per calibration schedule.

_____	Dose rate meter	1
_____	Contamination meter	2
_____	Air sampler	1

NOTES:

If the Charcoal cartridges expire before the next inventory, change them out at this time.

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST N**CONTROL ROOM EMERGENCY FOOD SUPPLY...(EP)**

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Case #1 of 16 Accessory Kit	1
_____	Case #2 of 16 Miscellaneous Foods	1
_____	Case #3 of 16 Milk	1
_____	Case #4 of 16 Meat Substitutes	1
_____	Case #5 of 16 Miscellaneous Foods	1
_____	Case #6 of 16 Milk	1
_____	Case #7 of 16 Cooking Aids	1
_____	Case #8 of 16 Vegetables	1
_____	Case #9 of 16 Vegetables	1
_____	Case #10 of 16 Fruits	1
_____	Case #11 of 16 Miscellaneous Grains	1
_____	Case #12 of 16 Miscellaneous Grains	1
_____	Case #13 of 16 Miscellaneous Grains	1
_____	Case #14 of 16 Miscellaneous Grains	1
_____	Case #15 of 16 Miscellaneous Grains	1
_____	Case #16 of 16 Miscellaneous Grains	1
_____	Case #1 of 3 Starter Kits	1
_____	Case #2 of 3 Starter Kits	1
_____	Case #3 of 3 Starter Kits	1

COMMENTS _____

_____**REASON FOR INSPECTION**

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____**TITLE:** _____**DATE:** _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

**FNP-0-EIP-16.0
CHECKLIST O**

ASSEMBLY AREAS...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory.

<u> </u>	EP-ASSEMBLY AREA-VCA
<u> </u>	EP-ASSEMBLY AREA-SBA
<u> </u>	EP-ASSEMBLY AREA-FABRICATION SHOP
<u> </u>	EP-ASSEMBLY AREA-WAREHOUSE
<u> </u>	EP-ASSEMBLY AREA-OSB

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Quarterly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST P

CHEMISTRY VEHICLE...(CHEM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Cigarette lighter (radio power supply)	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat
_____	Interior clean	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

Monthly

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST Q

AUXILIARY BUILDING ENTRANCE WEST NON-RAD HALLWAY UNIT 1...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Self Contained Breathing Apparatus air bottles (upper rack), pressure \geq 2000 psig	48
_____	Self Contained Breathing Apparatus air bottles (lower rack), pressure \geq 2000 psig	48

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Monthly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST R

SERVICE BUILDING MAINTENANCE SHOP....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	Applicators, cotton tufted, package	1
	Bags, plastic	20
	Blankets	4
	Brushes, hand	2
	Clippers, hair	1
	Decon. Solution, bottle	2
	Detergent Soap package	1
	First Aid Kit	1
	Cold Packs	2
	Pen	1
	Coveralls disposable	25
	Surgeon Gloves, pr	25
	Latex "Steeleboot" or Rubber Shoe Covers , pr	25
	Plastic Shoe covers	25
	Hood, Tyvek	25
	Surgeon Cap, Tyvek	25
	Scissors	1
	Splints, Air, kit	2
	Splints, arm	2
	Smears, package	1
	Swabs, nasal	20
	Tape, masking, roll	6
	Tweezers	2
	Wristbands	10
	Absorbent wipes, package	1
	Flashlight...Battery Compartment, Operable	1
	Verify that the labeling is legible and correct per SHP-26 on all chemical products.	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

**FNP-0-EIP-16.0
CHECKLIST S****SATELLITE TELEPHONE...(EP)****INITIALS DESCRIPTION**

NOTE: Steps 1, 2, 3 and 11 marked with a M are to be performed on a monthly basis. The remaining steps marked with a Q are to be performed during the first month of each quarter.

- _____ 1M. Setup the phone by performing step 18.2 of FNP-0-EIP-8.3.
- _____ 2M. Place a call from the satellite phone per step 18.3 of FNP-0-EIP-8.3 to any convenient telephone number to verify operability and voice quality.
- _____ 3M. Place a call to the satellite phone (888-863-3170) from any convenient telephone to verify operability and voice quality.
- _____ 4Q. Leave phone turned on in standby for eight hours or until a low battery indication is received.
- _____ 5Q. Refer to satellite telephone users manual in the accessories case pages 89 to 100 for specific instructions on maintaining and charging the batteries.
- _____ 6Q. While the installed battery is being discharged, charge the spare battery for approximately four hours using the rapid charging function of the battery charger.
- _____ 7Q. After eight hours or a low battery indication, turn off the phone per step 18.4 of FNP-0-EIP-8.3.
- _____ 8Q. Remove the installed battery and install the freshly charged spare battery.
- _____ 9Q. Set up the phone by performing step 18.2 of FNP-0-EIP-8.3 and check function 51 to verify the newly installed battery is operating properly.
- _____ 10Q. Charge the depleted battery for at least four hours but less than 24 hours using the rapid charging function of the battery charger.
- _____ 11M. Verify that the phone is turned off per step 18.4 of FNP-0-EIP-8.3. Return the phone and accessories to the storage location in the EP office storeroom, ensuring that the batteries are stored in the proper long term storage position per the users manual illustration page 89.

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST S

SATELLITE TELEPHONE...(EP)

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Monthly Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

**FNP-0-EIP-16.0
CHECKLIST T**

HVAC SYSTEM - EOF....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Align and operate EOF HVAC system in Outside Air Filtration Mode per FNP-0-EIP-27.0, Attachment 3, for 30 minutes	
_____	Align and operate EOF HVAC system in Isolation Mode per FNP-0-EIP-27.0, Attachment 3, for 30 minutes	
_____	Restore EOF HVAC system to Normal Mode per FNP-0-EIP-27.0, Attachment 3	

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST U

AUXILIARY BUILDING, EL. 139 UNIT 1 RAD SIDE HALLWAY BY
COUNTING ROOM.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Blanket	2
_____	Bucket	1
_____	Decon. Solution, (bottle)	1
_____	First Aid Kit	1
_____	Absorbent wipes, package	1
_____	Mop	1
_____	Polysheets, package	1
_____	Coveralls, disposable	3
_____	Rubber Gloves, pr.	3
_____	Latex "Steeleboot" or Rubber Shoe Covers, pr.	3
_____	Plastic Shoe Covers, pr.	3
_____	Hood, Tyvec	3
_____	Surgeons Cap, Tyvek	3
_____	Radiation barrier tape or rope	100 ft
_____	Scissors, pr	1
_____	Airborne Radioactivity Area signs	3
_____	Contaminated Area signs	3
_____	High Radiation Area signs	3
_____	Radiation Area signs	3
_____	Tape, Masking, roll	2
_____	Flashlight...Battery compartment, operable	1
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST V

AUXILIARY BUILDING, EL. 100 UNIT 1 RAD SIDE HALLWAY....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Blanket	2
_____	Bucket	1
_____	Decon. Solution (bottle)	1
_____	First Aid Kit	1
_____	Absorbent wipes, package	1
_____	Mop	1
_____	Polysheets, package	1
_____	Coveralls, disposable	3
_____	Rubber gloves, pr.	3
_____	Latex "Steeleboot" or Rubber Shoe Covers, pr	3
_____	Plastic shoe covers, pr	3
_____	Hood, Tyvek	3
_____	Surgeons Cap, Tyvek	3
_____	Radiation barrier, tape or tope	100 ft
_____	Scissors, pr.	1
_____	Airborne Radioactivity Area signs	3
_____	Contaminated Area signs	3
_____	High Radiation Area signs	3
_____	Radiation Area signs	3
_____	Tape, masking, roll	2
_____	Flashlight...battery compartment, operable	1
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST W

AUXILIARY BUILDING, EL. 83 UNIT 2 RAD SIDE HALLWAY....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Blanket	2
_____	Bucket	1
_____	Decon. Solution (bottle)	1
_____	First Aid kit	1
_____	Absorbent wipes, package	1
_____	Mop	1
_____	Polysheets, package	1
_____	Coveralls, disposable	3
_____	Rubber Gloves, pr.	3
_____	Latex "Steeleboot" or Rubber Shoe Covers, pr.	3
_____	Plastic shoe covers, pr	3
_____	Hood, Tyvek	3
_____	Surgeons cap, Tyvek	3
_____	Radiation Barrier Tape or Rope	100 ft
_____	Scissors, pr	1
_____	Airborne Radioactivity Area signs	3
_____	Contaminated Area signs	3
_____	High Radiation Area signs	3
_____	Radiation Area signs	3
_____	Tape, masking, roll	2
_____	Flashlight...battery compartment, operable	1
_____	Verify that the labeling is legible and correct on all chemical products, per SHP-26	

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST X

HOT SHUTDOWN PANELS UNIT 1....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory.

_____ EP-UNIT 1-HOT SHUT DOWN PANEL

HOT SHUTDOWN PANEL CORRIDOR UNIT 1

_____	Sound powered headset....operational	1
_____	Sound powered extension cord	1
_____	Flashlight...battery compartment, operational	3
_____	12 inch adjustable wrench	1

HOT SHUTDOWN PANEL COMMUNICATIONS ROOM UNIT 1

_____	Sound powered headset....operational	1
_____	Sound powered extension cord	1
_____	Flashlight...battery compartment, operational	3

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST Y

HOT SHUTDOWN PANELS UNIT 2....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory.

_____ EP-UNIT 2-HOT SHUT DOWN PANEL

HOT SHUTDOWN PANEL COMMUNICATIONS ROOM UNIT 2

_____	Sound powered headset....operational	1
_____	Sound powered extension cord	1
_____	Flashlight...battery compartment, operational	3
_____	12 inch adjustable wrench	1

HOT SHUTDOWN PANEL CORRIDOR UNIT 2

_____	Sound powered headset....operational	1
_____	Sound powered extension cord	1
_____	Flashlight...battery compartment, operational	3

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST Z

CSC GUARD TOWER EMERGENCY CELLULAR TELEPHONE....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Verify phone can place a call on System B (334-797-4336)	
_____	Verify phone can receive a call on System B (334-797-4336)	
_____	Verify phone can place a call on System A (334-790-3381)	
_____	Verify phone can receive a call on System A (334-790-3381)	
_____	Disconnect phone from power supply with the phone on for six hours to discharge battery	
_____	Re-connect phone to power supply	

INSTRUCTIONS FOR SWAPPING PHONE FROM A to B:

- (1) To display the system on which the phone is operating, press "recall" and #. The number should appear. Press end/clear to clear the number.
- (2) To swap to the other system, press "recall", # and "store". The new number should appear.

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST AA

AUXILIARY BUILDING, EL. 83 UNIT 2 RAD SIDE WEST STAIRWELL...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	Self Contained Breathing Apparatus	1
	Verify that the SCBA unit is operational per step 10 of the EIP	

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Monthly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST BB

TECHNICAL SUPPORT CENTER....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

PROCEDURES AND DRAWINGS

Obtain the following Document Control procedure and drawing inventory sheets. Verify procedures per the DC inventory.

_____	EP-TSC-EMERGENCY DIRECTOR	
_____	EP-TSC-TECHNICAL MANAGER	
_____	EP-TSC-OPS MANAGER	
_____	EP-TSC-MAINTENANCE MANAGER	
_____	EP-TSC-HP MANAGER	
_____	EP-TSC-CHEM. SUPERVISOR	
_____	EP-TSC-SHIFT RADIO CHEMIST	
_____	EP-TSC-RMT CONTROLLER	
_____	EP-TSC-LICENSING ENGINEER	
_____	EP-TSC-SYSTEMS ENGINEER	
_____	EP-TSC-NRC	
_____	EP-TSC-DOCUMENT ROOM-DRAWINGS	
_____	EP-TSC-GOP-EMERGENCY DIRECTOR (obtain from B'ham DC)	
_____	EP-TSC-GOP-TECHNICAL MANAGER (obtain from B'ham DC)	

COMMUNICATIONS AREA

_____	Ericsson portable phone (ext. 4988)	1
_____	Fax Machine (Ga. Fax) (814-4665)	1
_____	Fax Machine (Al. Fax) (257-1155)	1
_____	General Emergency sign	1
_____	Site Area Emergency sign	1
_____	Alert sign	1
_____	NOUE sign	1
_____	Unit 1 sign	
_____	Unit 2 sign	
_____	Unit 1 and 2 sign	
_____	Headsets, sound powered phone operational	2
_____	Forms book...verify forms in book per index	
_____	Desk Pack	2
_____	Printer cartridge...AL/GA FAX machine...	2
_____	Printer cartridge...Back up MIDAS	1
_____	Printer cartridge...SPDS/PPC/ERDS/ARDA	1
_____	8 1/2 x 11 paper...packs	8
_____	Printer cartridges...MIDAS, color cartridges	1 ea.

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST BB

TECHNICAL SUPPORT CENTER...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

TSC KEY LOCKER

	ENN	1
	Telephone 814-4666...operable	1
	Telephone 257-1601...operable	1
	Telephone FTS ENS	1
	Telephone FTS HPN	1
	TSC Radio Cabinet key	1
	Emergency Director Desk key	1
	Technical Manager Desk key	1
	OPS Manager Desk key	1
	Maintenance Manager Desk key	1
	MIDAS Computer Cabinet key	1
	RMT Controller Desk key	1
	NRC Desk key	1
	Document Room key	1
	RMT Radio Cabinet key	1
	TSC Southern Linc ENN key	1
	Control Room Remote Southern Linc key	1
	Southern Linc Radio Cabinet	1
	Key set Chemistry Truck	1
	Key set Maintenance Vehicle	1
	Key set Env. Truck	1
	Key set Training Center van	1
	Key set Visitor Center van	1

TSC RADIO CABINET

	Kenwood handheld radio and charger	1
--	------------------------------------	---

SOUTHERN LINC RADIOS

	TSC RMT Control...Operational Southern Linc Radio
	ENN TSC...FNP Operational Southern Linc Radio
	FNP ED/EDA Southern Linc Radio...Operational
	GEMA Fleet Southern Linc Radio ...Operational
	AEMA Fleet Southern Linc Radio ...Operational

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST BB

TECHNICAL SUPPORT CENTER...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
EMERGENCY DIRECTOR DESK		
	Portable public address	1
	Telephone 6016...Emergency Director...operable	1
	Telephone 4662...Alabama Liaison...operable	1
	Telephone 4663...Georgia Liaison...operable	1
	Desk Pack	1
	S.R.O.O.I.R.A.P.	1
TECHNICAL MANAGER DESK		
	Telephone 6010...Operable	1
	Nureg - 0845	1
	Desk Pack	1
OPS MANAGER DESK		
	Telephone 6017...Operable	1
	Desk Pack	1
MAINTENANCE MANAGER DESK		
	Telephone 6018...Operable	1
	Desk Pack	2
MIDAS COMPUTER CABINET		
	MIDAS computer	1
	Calculators	2
	Desk Pack	1
	Telephone 6011...Operable	1
HP MANAGER DESK		
	Telephone 6012...Operable	1
	Telephone FTS HPN	1
	10CFR parts 0-99	1
	Desk Pack	1
RMT CONTROLLER DESK		
	Telephone 6013...Operable	1
	Desk Pack	1

10/29/03 12:28:56

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST BB

TECHNICAL SUPPORT CENTER...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

NRC DESK

_____	Telephone 4664...Operable	1
_____	Telephone FTS ENS	1
_____	Telephone FTS RSCL	1
_____	Telephone FTS PMCL	1
_____	Telephone FTS MCL	1
_____	Desk Pack	1

DOCUMENT ROOM

First Aid Kit	1
---------------	---

Visually inspect the door seals of door 453 (TSC to Control Room) and door 2480 (TSC to OSC) for deterioration or other signs of leakage such as abnormal high noise levels. A Deficiency Report will be written if problems are found.

DR# _____

Door #453 TSC to Control Room

Door #2480 TSC to OSC

COMMENTS

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE:_____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST CC

FIRE FIGHTING EQUIPMENT...(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
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UNIT # 2 AUX BLDG 155' NON-RAD CLEAN STORORAGE RM (Rm. Adjoining the TSC on the North side, also known as the OSC)

There are 10 lockers in which the following are distributed:

_____	Crowbar	1
_____	Fire Axes	2
_____	Fire Rescue Suit	1
_____	Hand Lantern...battery compartment, operable	1
_____	Rope (1/2 dia.)	100'coil
_____	Coat	5
_____	Helmet	9
_____	Gloves (pr)	9
_____	Boots (pr)	9
_____	Trousers	9
_____	Nomex Hood	9

UNIT #1 TURBINE BLDG. EL-155' NORTH WALL AT ENTRANCE TO UNIT #2
TURBINE BLDG.

This storage location has 10 lockers in which the following are distributed:

_____	Coat	8
_____	Helmet	8
_____	Gloves (pr)	8
_____	Boots (PR)	8
_____	Hand Lantern...battery compartment, operable	1
_____	Foam cart with foam (stored adjacent to the lockers)	1
_____	Trousers	8
_____	Nomex Hood	8

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST CC

FIRE FIGHTING EQUIPMENT....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

DIESEL GENERATOR BUILDING

This location has 2 lockers in which the following are distributed:

<u> </u>	Coat	2
<u> </u>	Helmet	2
<u> </u>	Gloves (pr)	2
<u> </u>	Boots (pr)	2
<u> </u>	Foam cart with foam is stored outside Diesel Generator Room 2B	1

NOTE: Return checklist to Emergency Planning Nuclear Specialist

COMMENTS _____

REASON FOR INSPECTION Seal Broken Quarterly Post Drill Emergency Use Other _____	CHECKED BY: _____ TITLE: _____ DATE: _____
--	---

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST DD

PLANT EMERGENCY VEHICLE....(SEC)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Radio communications	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	All vehicle emergency lights	sat / unsat
_____	Emergency sound equipment	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Dual batteries (corrosion)	sat / unsat
_____	Interior clean, patient compartment clean, cot made up	sat / unsat
_____	First Aid kit present	sat / unsat
_____	Trauma kit present	sat / unsat
_____	Dual fuel tanks near full	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist
- 4) Plant Emergency Vehicle to be parked near CSC when not in use, with the keys in the CSC key locker.

COMMENTS _____

REASON FOR INSPECTION

Weekly

Post Drill

Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST EE

CHEMISTRY EYEWASH/SHOWER STATIONS...(CHEM)

LOCATIONS:

See list in FNP-0-CCP-333

INITIALS

DESCRIPTION

_____	Verify operability of station per FNP-0-CCP-333
_____	Verify accessibility per FNP-0-CCP-333
_____	Verify equipment is in the proper location per FNP-0-CCP-333
_____	Verify the location is posted as an emergency location per FNP-0-CCP-333

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

MONTHLY

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST FF

TRAINING CENTER VEHICLE.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Cigarette lighter (radio power supply)	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat
_____	Interior clean	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Monthly

TITLE: _____

Other _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST GG

FIRE BRIGADE EQUIPMENT....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
FIRE BRIGADE VAN VEHICLE		
	CO ₂ fire extinguishers	2
	Dry chemical fire extinguishers	3
	boots	8 pr
	helmet	8
	coats	8
	gloves	8 pr
	Trousers	8
	Nomex Hood	8
	1 1/2" hose (100 ft. section)	1
	1 1/2" hose nozzle	1
	Pressurized water fire extinguisher	2
	First Aid Kit (Burn Kit)	1
	Hand Lantern...battery compartment, operable	1
	2 1/2 inch hose (50 ft. section)	20
	1 1/2 inch hose (50 ft. section)	8
	Spanner wrench	16
	Hydrant wrench	12
	Foam Eductor	1
	AFFF Foam container	3
	Fire hose clamp	1
	Fire axes	5
	Pry bar	5
	2 1/2 in. nozzle	10
	1 1/2 in. nozzle	10
	2 1/2 in. to 1 1/2 in. gated wye	5
	2 1/2 in. 1 1/2 inch reducers	5
	2 1/2 in. double male	1
	2 1/2 in. double female	1
HELIPORT CABINET		
	Dry chemical fire extinguishers	1
	boots	1 pr
	helmet	1
	coats	1
	gloves	1 pr
	Pry bar	1

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST GG

FIRE BRIGADE EQUIPMENT....(FM)

- 1) Fire Brigade Van is to be parked near the CSC when not in use, with the keys stored in the CSC keylocker.
- 2) Discrepancies should be promptly reported to the Fire Marshal or Shift Supervisor.
- 3) Return complete checklists to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST HH

FIRE BRIGADE VAN....(SEC)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation) -	sat / unsat
_____	Radio communications	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	All vehicle emergency lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Interior clean	sat / unsat
_____	First Aid kit present	sat / unsat
_____	Fuel tank near full	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.
- 4) Fire Brigade van is to be parked near CSC when not in use, with the keys stored in the CSC key locker.

COMMENTS

REASON FOR INSPECTION

Weekly

Post Drill

Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST II

ENVIRONMENTAL VEHICLE....(ENV)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Cigarette lighter (radio power supply)	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat
_____	Interior clean	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Monthly

TITLE: _____

Other _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST JJ

UNIT 1 CABLE SPREADING ROOM FIRE EMERGENCY EQUIPMENT...(OPS)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

Gang Box, Mechanical Maint. Cage, Unit 1 155' Turbine Bldg.. Obtain key QA-01 and DA3 from Ops.

Tool Bag

_____ 6" Screw Starter	1
_____ Phillips Head Screwdriver	1
_____ Clutch Head Screwdriver	2
_____ Flatblade Screwdriver	4
_____ Wrench Adjustable 10"	1
_____ Nutdriver 5/16" Insulated	1
_____ Fuse Puller	1
_____ Channel Locks	1
_____ Side Cutting Pliers	1
_____ Diagonal Cutting Pliers	1
_____ Needle Nose Pliers	1
_____ Wire Stripper	1
_____ Flashlight...battery compartment, operational	5
_____ Electrical Tape (roll)	2
_____ 2 AMP Control Power Fuse	5
_____ 3 AMP Control Power Fuse	10

JUMPERS

_____ 3 inch	4
_____ 6 inch	3
_____ 12 inch	1
_____ 16 inch	2
_____ 22 inch	2

CABLES

_____ 100 foot	2
_____ 125 foot	4
_____ 200 foot	1
_____ 220 foot	1

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST JJ

UNIT 1 CABLE SPREADING ROOM FIRE EMERGENCY EQUIPMENT...(OPS)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

MISCELLANEOUS

<u> </u>	Emergency Switch Box with cable attached	1
<u> </u>	RHR HX AOV Airline Rig	1
<u> </u>	Power cords for battery room exhaust fans	2
<u> </u>	Nitrogen bottle tank...pressure 1000psig	1
	(located on the 155 foot in the Turbine Building)	

NOTES:

Return completed checklist to the Emergency Planning Nuclear Specialist via the Operations Unit Supervisor.

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Seal Broken	
Quarterly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST KK

UNIT 2 CABLE SPREADING ROOM FIRE EMERGENCY EQUIPMENT...(OPS)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

Gang Box, Mechanical Maint. Cage, Unit 2 155' Turbine Bldg. Obtain key QA-01 from Ops.

Tool Bag

_____	6" Screw Starter	1
_____	Phillips Head Screwdriver	1
_____	Clutch Head Screwdriver	2
_____	Flatblade Screwdriver	4
_____	Wrench Adjustable 10"	1
_____	Nutdriver 5/16" Insulated	1
_____	Fuse Puller	1
_____	Channel Locks	1
_____	Side Cutting Pliers	1
_____	Diagonal Cutting Pliers	1
_____	Needle Nose Pliers	1
_____	Wire Stripper	1
_____	Flashlight...Battery compartment, operational	5
_____	Electrical Tape (Roll)	2
_____	2 AMP Control Power Fuse	5
_____	3 AMP Control Power Fuse	10

JUMPERS

_____	4 inch	4
_____	30 inch	4
_____	60 inch	4

CABLES

_____	50 foot	1
_____	100 foot	5
_____	160 foot	1
_____	200 foot	1

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST KK

UNIT 2 CABLE SPREADING ROOM FIRE EMERGENCY EQUIPMENT...(OPS)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

MISCELLANEOUS

<u> </u>	Emergency Switch Box with cable attached .	1
<u> </u>	RHR HX AOV Airline Rig	1
<u> </u>	Power Cords for Battery Room Exhaust Fans	2
<u> </u>	Nitrogen bottle Tank...pressure \geq 1000 psig	1
	(located on the 155 foot in the Turbine Building)	

NOTES: -

Return completed checklist to the Emergency Planning Nuclear Specialist via the Operations Unit Supervisor.

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Quarterly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST LL

CANISTER RESPIRATORS

CANISTER RESPIRATORS IN ROOM 118 AT THE EOF

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Half Face Respirators with Filter Cartridges	6
_____	Full Face Respirators	8
_____	Iodine Canister (Full Face)-Protective Seal Unbroken (OR-1-99-383)	8
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	
_____	Potassium Iodide, Bottle (OR-1-99-383)	6
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	
_____	If thyroid blocking drugs (Potassium Iodide) are found missing, notify the Emergency Planning Coordinator. The Emergency Planning Coordinator will then immediately notify the Asst. General Manager - Operations.	

CANISTER RESPIRATORS IN THE CONTROL ROOM LARGE EP STORAGE LOCKER

_____	Full Face Respirators	2
_____	Iodine Canister---Protective Seal Unbroken (OR-1-99-383)	2
	Expiration Date _____	
	Expiration after next inventory Yes _____ No _____	

NOTES:

Ensure that the respirators are stored in a manner that they cannot be damaged by heat or twisted out of their normal configuration. Respirators should be stored with their sealing surface up to prevent deformation of the sealing surface. (NUREG-0041)

If the Silver Iodine canisters or Potassium Iodide expire before the next inventory, change them out at this time.

COMMENTS _____

REASON FOR INSPECTION

Seal Broken

Monthly Post Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST MM

VISITOR CENTER VEHICLE....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Cigarette lighter (radio power supply)	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat
_____	Interior clean	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Monthly

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST NN

AUXILIARY BUILDING, EL. 139 UNIT 1 RAD SIDE OUTSIDE ELEVATOR...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Breathing Air bottle with regulator...pressure \geq 2000 psig	1
_____	Perform visual inspection of airline hoses in drum	2

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Monthly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST 00

AUXILIARY BUILDING, EL. 139 UNIT 2 RAD SIDE PASS SAMPLE AREA...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Breathing Air bottle with regulator....pressure \geq 2000 psig	1
_____	Perform visual inspection of airline hoses in drum	2

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Monthly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST PP

POST ACCIDENT SAMPLE AREA AUXILIARY BUILDING EL 139 UNIT 1
RADSIDE....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Post Accident Cart (proper location)	1
_____	Lead pig in place (in transfer tunnel)	1
_____	Sample vial in lead pig	1
_____	Syringe shield in place	1
_____	Shielded transport pig (proper location)	1
_____	Table Top lead glass shield (in place in RCL)	1

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Quarterly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST QQ

POST ACCIDENT SAMPLE AREA AUXILIARY BUILDING EL 139 UNIT 2
RADSIDE...(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Post Accident Cart (proper location)	1
_____	Lead pig in place (in transfer tunnel)	1
_____	Sample vial in lead pig	1
_____	Syringe shield in place	1
_____	Shielded transport pig (proper location)	1
_____	Table Top lead glass shield (in place in RCL)	1

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST RR

RMT SOUTHERN LINC AND KENWOOD RADIOS...(EP)

Check the operability of each RMT portable radio.
Notify IR Customer Support for the radios that are inoperable.

RMT KENWOOD SUITCASE RADIOS

<u>INITIALS</u>	<u>DESCRIPTION</u>	
_____	RMT 1	sat/unsat
_____	RMT 2	sat/unsat
_____	RMT 3	sat/unsat

RMT Southern Linc Portable Radios

_____	FNP RMT 1-1321	sat/unsat
_____	FNP RMT 2-1322	sat/unsat
_____	FNP RMT 3-1323	sat/unsat
_____	FNP RMT SPARE-1324	sat/unsat
_____	FNP VEHICLE-1325	sat/unsat

FNP RMT 1 and FNP VEHICLE Southern LINC are located in the fire cabinet located at lower level security. All Kenwoods and FNP RMT 2, FNP RMT 3 and FNP RMT SPARE Southern LINC are located in room 118 at the EOF.

COMMENTS _____

REASON FOR INSPECTION

Monthly

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

10/29/03 12:28:56

SHARED
EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST SS

FIRE TANKER TRUCK EQUIPMENT....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	1 1/2" x 50' Fire Hose	3
_____	1 1/2" x 100' Fire Hose	1
_____	2 1/2" x 50' Fire Hose	2
_____	1 1/2" Nozzle	1
_____	2 1/2" Nozzle	1
_____	1" Booster Nozzle	1
_____	1" x 100' Booster Hose	1
_____	2 1/2" x 1 1/2" x 1 1/2 Gated Wye	1
_____	2 1/2" x 15' Double Female Fill Hose	1
_____	2 1/2" Double Female	1
_____	Hose Clamp	1
_____	Pry Bar	1
_____	Fire Ax	1
_____	2 1/2" x 1 1/2" Reducer	1
_____	Fire Flaps	2
_____	Hydrant Wrench	2
_____	Spanner Wrench	2
_____	3/4" x 100' Life Rope	1
_____	Chock Blocks (sets)	2
_____	Fire coat	1
_____	Fire boots (pr)	1
_____	Fire helmet	1
_____	Gloves (pr)	1
_____	Foam Eductor	1
_____	Foam Can	2

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Seal Broken	
Quarterly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST TT

FIRE TANK TRUCK....(SEC)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>	
		<u>TRUCK</u>	<u>PUMP</u>
_____	Engine coolant, hoses and clamps	sat / unsat	sat / unsat
_____	Engine oil level	sat / unsat	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat	n/a
_____	Dents and noticeable new body damage	sat / unsat	n/a
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat	n/a
_____	All vehicle driveability lights	sat / unsat	n/a
_____	Windshield wipers and washers	sat / unsat	n/a
_____	Clutch or transmission fluid (as applicable)	sat / unsat	n/a
_____	Steering (fluid)	sat / unsat	n/a
_____	Seat belts	sat / unsat	n/a
_____	Batteries (corrosion)	sat / unsat	sat / unsat
_____	Check overall cleanliness	sat / unsat	sat / unsat
_____	Start truck and ensure air pressure alarm and brake light clears at ≈ 75 psig	sat / unsat	n/a
_____	Start pump and ensure air and oil alarm clears after running (note 5)	n/a	sat / unsat
_____	After engine is running, check for an unusual noises	sat / unsat	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat	n/a
_____	Fuel tanks near full	sat / unsat	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.
- 4) Fire Tank Truck to be parked on the west side of the service water road between the railroad track and bridge when not in use, with the keys in the CSC key locker.
- 5) Fire Tank Truck pump starting instructions posted at the pump controls area must be followed.

COMMENTS

REASON FOR INSPECTION

Weekly

Post Drill

Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST UU

SMOKE REMOVAL EQUIPMENT.....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

UNIT 1 SMOKE REMOVAL EQUIPMENT

AUXILIARY BUILDING 155' ELEVATION NON-RAD WEST CORRIDOR, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 155' ELEV. RCA NORTH CORRIDOR, NEAR DEMIN HATCHES

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 139' ELEV. NON-RAD WEST CORRIDOR, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 139' ELEV. RCA-NORTH CORRIDOR, NEAR SAMPLE ROOM

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 121' ELEV. NON-RAD WEST CORRIDOR, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 121' ELEV. RCA-NORTH CORRIDOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST UU

SMOKE REMOVAL EQUIPMENT.....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
-----------------	--------------------	-----------------

UNIT 1 SMOKE REMOVAL EQUIPMENT

AUXILIARY BUILDING 100' ELEV. NON-RAD CCW AREA, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 100' ELEVATION RCA - NORTH CORRIDOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

AUXILIARY BUILDING 77' ELEV. RCA, IN STAIRWELL

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1

UNIT 2 SMOKE REMOVAL EQUIPMENT

AUXILIARY BUILDING 155' ELEV. NON-RAD WEST CORRIDOR, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1

AUXILIARY BUILDING 155' ELEV. RCA-NORTH CORRIDOR, NEAR DEMIN HATCHES

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1

AUXILIARY BUILDING 139' ELEV. NON-RAD WEST CORRIDOR, NEAR ELEVATOR

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1

RCA - SOUTH CORRIDOR, NEAR SAMPLE ROOM

	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST UU**SMOKE REMOVAL EQUIPMENT....(FM)**

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
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UNIT 2 SMOKE REMOVAL EQUIPMENT**AUXILIARY BUILDING 121' ELEV. NON-RAD WEST CORRIDOR, NEAR ELEVATOR**

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1

AUXILIARY BUILDING 121' ELEVATION RCA - SOUTH CORRIDOR

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1

AUXILIARY BUILDING 100' ELEV. NON-RAD CCW AREA, NEAR ELEVATOR

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1

AUXILIARY BUILDING 100' ELEV. RCA - SOUTH CORRIDOR

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1

AUXILIARY BUILDING 83' ELEV. RCA ROOM 2110

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1

UNIT 1 & 2 SHARED SMOKE REMOVAL EQUIPMENT**DIESEL BUILDING FOYER, OUTSIDE 2B GENERATOR ROOM**

_____	Electric driven smoke blower	1
_____	16" x 20' collapsible air hose	1
_____	50' extension cord	1
_____	50' of 1 1/2" fire hose	1

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST UU

SMOKE REMOVAL EQUIPMENT.....(FM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
UNIT 1 AND 2 SHARED SMOKE REMOVAL EQUIPMENT		
SERVICE WATER INTAKE STRUCTURE - EAST STAIRWELL		
	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
	50' of 1 1/2" fire hose	1
RIVER WATER INTAKE STRUCTURE SOUTH STAIRWELL		
	Electric driven smoke blower	1
	16" x 20' collapsible air hose	1
	50' extension cord	1
UTILITY BUILDING WEST END		
	Gasoline blowers	4

NOTES:

Discrepancies should be promptly reported to the Fire Marshal or Shift Supervisor
Return complete checklist to the Emergency Planning Nuclear Specialist

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Seal Broken	
Quarterly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

EMERGENCY EQUIPMENT AND SUPPLIES

ALTERNATE EOF HEADLAND.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
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PROCEDURES ROOM 114

Obtain the following Document Control procedure inventory sheets. Each listed position has a file storage box located in room 114 that contains a desk pack and the procedures that are particular to that position. Verify procedures per the DC inventory and that the desk pack and other equipment listed for that position are adequate.

_____	EP-ALT EOF-RECOVERY MANAGER(Emergency Plan in Misc. Cabinet)	
_____	EP- ALT EOF-REC. MGR. ASSISTANT	
_____	EP- ALT EOF-ENV. SUPERVISOR(Tech Specifications in Misc. Cabinet)	
_____	EP- ALT EOF-REACTOR ENGINEER	
_____	EP- ALT EOF-COMP SERV SUPPORT	
_____	EP- ALT EOF-QC SUPPORT(Fax instruction book)	
_____	EP- ALT EOF-DAD	
_____	EP- ALT EOF-ACCESS CONTROL(badging Supplies)	
_____	EP- ALT EOF-STATUS BD KEEPER	
_____	EP- ALT EOF-RMT CONTROLLER	
_____	EP-ALT EOF-GOP-RECOVERY MANAGER (Located in Misc. Cabinet)	
_____	NRC (no procedures)	

HEADLAND OFFICE KEY MAINTAINED AT HEADLAND POLICE DEPT.

_____ Verify key, location, and operability. (Key 7, Alt. EOF Set...Storage Cabinet (MM III), Front Door)

COMMUNICATIONS CABINET ROOM 112

Each time this checklist is performed, verify that the phones and radio listed below are actually in the cabinet.

_____ In the fourth quarter, check the operation of the phones and radio listed below. This requirement will be met if the Alternate EOF is setup and used for a drill exercise or tabletop at any other time during the year. Indicate the activity type and date. Activity type _____ DATE _____
(10CFR50 App. E section IV, E, 9)

COMMUNICATIONS CABINET, ROOM. 112

_____	Telephone.....8-276-6185	1
_____	Telephone.....8-276-6186	1
_____	Telephone.....8-276-6188	1
_____	Telephone.....8-286-4750	1
_____	Telephone.....8-286-4752	1
_____	Telephone....8-286-4753	1
_____	Telephone.....8-286-4754	1
_____	Telephone.....8-286-4755	1
_____	Telephone.....8-286-4756	1

EMERGENCY EQUIPMENT AND SUPPLIES

ALTERNATE EOF HEADLAND.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
_____	Telephone.....8-286-4757	1
_____	Telephone.....8-286-4758	1
_____	Telephone.....8-286-4759	1
_____	Telephone.....8-286-4760	1
_____	Telephone.....8-286-4761	1
_____	Telephone.....8-286-4763	1
_____	ENN (Operability is checked the first Tuesday of each month.)	1

ROOM 119 AND PI SUPPORT AREA

_____	Verify with office staff that the computer equipment necessary to send out press releases is operable	NA
_____	Verify with office staff that the fax machine is operable in its present location	NA

MIDAS COMPUTER CABINET

_____	Computer	1
_____	Monitor	1
_____	Keyboard	1
_____	Mouse	1
_____	Printer	1
_____	Paper	1 ream
_____	Printer cartridges (as required per printer)	na
_____	Tone alert Radio	1
_____	extension cord	1

EIP 29/30 COMPUTER CABINET

_____	Computer	1
_____	Monitor	1
_____	Keyboard	1
_____	Mouse	1
_____	Printer	1
_____	Paper	1 ream
_____	Printer cartridges (as required per printer)	na
_____	Tone alert Radio	1
_____	extension cord	1

Non Reg ERDS/ARDA

_____	Computer	1
_____	Monitor	1
_____	Keyboard / Mouse	1
_____	Printer with cartidges	1

SPDS/PPC Mimic

_____	Computer	1
_____	Monitor	1
_____	Keyboard / Mouse	1

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

ALTERNATE EOF HEADLAND.....(EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
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ROOM 114 ALTERNATE EOF EQUIPMENT STORAGE ROOM

<u>Drawing Cabinet</u>	A File storage box with misc. extra phone equipment and extra paper are located in this cabinet but are not inventoried	
------------------------	---	--

<u>Miscellaneous Cabinet</u>		
------------------------------	--	--

	State of Alabama Emergency Plan	1
	State of Georgia Emergency Plan	1
	State of Florida Emergency Plan	1
	FNP Emergency Plan (Site, reference RM Doc Cont. Inventory)	1
	FNP Emergency Plan (Medical, reference RM Doc Cont. Inventory)	1
	GO EIPs (reference RM)	1 sets
	Unit 1 Technical Specifications (reference Env Sup Doc Cont. Inventory)	1
	Unit 2 Technical Specifications (reference Env Sup Doc Cont. Inventory)	1
	Title 10 Code of Federal Regulations parts 0-99	1
	SROO IRAP-3	1
	NRC Region II Supp. to NUREG 0845	1
	Form Books per book inventory (verify correct Revisions)	2
	File storage box (Misc. extra office supplies and consumables)	1 box
	File storage box (First aid kit and misc. extra power strips, extension cords flashlights, telephone extension cords)	1 box
	Miscellaneous in boxes and name plates	NA
	Dothan telephone directory	1
	Birmingham telephone directory (white and yellow pages)	1
	8 1/2 x 11 paper	>1/2 box

ROOM 114, PHONE WIRED TABLES

The tables listed below have been pre-wired for use with the phones in the Alternate EOF, verify that the tables are available and the phone connections are intact.

	RM table labeled with 6186, 4759, 4760, 4761 and 4762
	folding table labeled with 4750 and 6185
	folding table labeled with 4752 and 6188
	folding table labeled with 4755
	folding table labeled with 4754 and 4756
	folding table labeled with 4757
	folding table labeled with FAX 4993 and 4758

EMERGENCY EQUIPMENT AND SUPPLIES

ALTERNATE EOF HEADLAND.....(EP)

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

Quarterly Post Drill Emergency Use

TITLE: _____

Other _____

DATE: _____

SHARED

EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST WW

Maintenance Vehicle # (MM)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
_____	Engine coolant, hoses and clamps	sat / unsat
_____	Engine oil level	sat / unsat
_____	Engine belts (condition and tightness)	sat / unsat
_____	Tires (proper inflation, wear acceptable)	sat / unsat
_____	Dents and noticeable new body damage	sat / unsat
_____	Windows and mirrors (cracks and/or breaks)	sat / unsat
_____	Spare tire and jack (proper inflation)	sat / unsat
_____	Cigarette lighter (radio power supply)	sat / unsat
_____	All vehicle driveability lights	sat / unsat
_____	Windshield wipers and washers	sat / unsat
_____	Clutch or transmission fluid (as applicable)	sat / unsat
_____	Brakes (fluid)	sat / unsat
_____	Steering (fluid)	sat / unsat
_____	Seat belts	sat / unsat
_____	Battery (corrosion)	sat / unsat
_____	Drive vehicle for at least five minutes	sat / unsat
_____	Interior clean	sat / unsat

NOTES:

- 1) Deficiencies should be reported to Shift Supervisor and appropriate group supervisor.
- 2) Appropriate corrective action should be initiated.
- 3) Return completed checklist to the Emergency Planning Nuclear Specialist.

COMMENTS _____

REASON FOR INSPECTION

Monthly

CHECKED BY: _____

TITLE: _____

Other _____

DATE: _____

10/29/03 12:28:56

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST XX

FIRE FIGHTING EQUIPMENT SCBA's (EP)

<u>INITIALS</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
CENTRAL SECURITY CONTROL BUILDING, FIRE DEPARTMENT CABINET		
_____	Self Contained Breathing Apparatus	2
_____	Verify that each SCBA unit is operational per step 10 of the EIP.	
UNIT #1 TURBINE BLDG. EL-155' NORTH WALL AT ENTRANCE TO UNIT #2 TURBINE BUILDING		
_____	Self Contained Breathing Apparatus	5
_____	Verify that each SCBA unit is operational per step 10 of the EIP.	
DIESEL GENERATOR BUILDING		
_____	Self Contained Breathing Apparatus	3
_____	Verify that each SCBA unit is operational per step 10 of the EIP.	
FIRE BRIGADE VAN VEHICLE		
_____	Self Contained Breathing Apparatus	5
_____	Verify that each SCBA unit is operational per step 10 of the EIP.	
_____	Self Contained Breathing Apparatus air bottles..pressure \geq 2000 psig	3
_____	Respirators for SCBA use (small)	2
CONTROL ROOM		
_____	Self Contained Breathing Apparatus	8
_____	Respirators for SCBA use (small) located in large storage cabinet	2
_____	Verify that each SCBA unit is operational per step 10 of the EIP.	
_____	SCBA Voice amplifier...Operation...Battery Compartment Operational	8
_____	Fully inspect the respirators for SCBA's during the last month of each quarter. Remove the respirator from the bag, inspect it, place it in a bag and seal the bag. 10CFR20 and Reg. Guide 8.15 for Respiratory Protection.	

COMMENTS _____

REASON FOR INSPECTION	CHECKED BY: _____
Monthly Post Drill Emergency Use	TITLE: _____
Other _____	DATE: _____

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST YY

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EMERGENCY EQUIPMENT AND SUPPLIES

FNP-0-EIP-16.0
CHECKLIST ZZ

MATERIAL DEPARTMENT EYEWASH/SHOWER STATIONS...(STR)

LOCATIONS:

Main Warehouse B Side North End (@ storage location 1BN51A1)

Main Warehouse B Side South End (@ storage location 1BM02A01)

Main Warehouse SW Wall (@ storage IBA02A1)

Main Warehouse middle of warehouse (@ storage location 1BF17A01)

Main Warehouse A Side by Double Doors

Oil Storage Building at Entrance

INITIALS

DESCRIPTION

_____	Verify operability of the above equipment per FNP-0-CCP-333
_____	Verify accessibility per FNP-0-CCP-333
_____	Verify equipment is in the proper location per FNP-0-CCP-333
_____	Verify the location is posted as an emergency location per FNP-0-CCP-333

COMMENTS _____

REASON FOR INSPECTION

CHECKED BY: _____

MONTHLY

TITLE: _____

Other _____

DATE: _____