ALABAMA POWER COMPANY

NUCLEAR GENERATION DEPARTMENT

EMERGENCY OPERATIONS FACILITY ADMINISTRATIVE SUPPORT

GO-EIP-117

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APPROVED:

H O Thrasher
Manager-Nuclear Operations & Administration — Date 1/19/83

R. P. Mc Donald
Manager-Nuclear Engineering & Technical Support — Date 1/20/83

James K. McGowan
Manager-Safety Audit & Engineering Review — Date 1/19/83

R C McDonald
Vice President-Nuclear Generation — Date 1/21/83

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EMERGENCY OPERATIONS FACILITY ADMINISTRATIVE SUPPORT

1.0 Purpose

The purpose of this procedure is to delineate the Emergency Operations Facility (EOF) administrative activities falling under the general supervision of the Administrative Support Director.

2.0 Scope

This procedure applies to EOF activities during emergency conditions at FNP. Changes in delegation of responsibilities or methods as set forth in this procedure may be made at the discretion of the Recovery Manager. This procedure is not intended to be all-inclusive but rather to identify the most significant administrative support functions.

3.0 References

3.1 FNP Emergency Plan

3.2 GO-EIP-101, Nuclear Generation Department Corporate Emergency Organization

3.3 FNP-O-EIP-27, Activation of the Emergency Operations Facility

4.0 Logistics Support

NOTE:
SOME OF THE FOLLOWING RESPONSIBILITIES MAY BE ACCOMPLISHED OR INITIATED BY THE FLINTRIDGE EOC ADMINISTRATIVE ASSISTANT PRIOR TO EOF ACTIVATION.

The Administrative Support Director (ASD) is responsible for all offsite logistics activity except engineering manpower augmentation. At the onset of any emergency that will probably

involve expense to the company, he is responsible for contacting the General Accounting Department and obtaining a Company Job Order number for use in procurement associated with the emergency, and for advising the Purchasing Department on what level of support will be needed. He works with plant personnel to identify personnel, equipment, materials and supplies needed (see Table 2 for a pre-identified listing of equipment and supplies that will probably be needed in a radiological emergency) and is then responsible for coordinating identification of a supplier, arranging procurement, expediting shipment and receipt inspections. During extended emergency conditions, he works with the Emergency Director's staff to identify non-essential plant personnel and to have them reassigned to the EOF staff as necessary and works with SCSI, vendors, other utilities, etc. to arrange adequate EOF staffing for 3 shift operations.

4.1 Emergency Logistics Resource References and Contracts

4.1.1 PSASL

Copies of the Plant Services Approved Suppliers List (PSASL) are maintained at the Flintridge EOC and the FNP EOF. This document lists names and phone numbers of organizations approved for providing a variety of services, many of which may be needed under emergency conditions.

4.1.2 INPO Emergency Resources Manual

Copies of the INPO Emergency Resources Manual are maintained at the Flintridge EOC, FNP TSC and EOF.

This document contains lists of utility and service contacts and personnel and equipment that may be available from the utilities and service companies for emergency support; lists of A/E and NSSS contacts, technical experts and personnel who may be available for emergency support; and lists of suppliers, their designated contacts, principle product or service and technical support personnel who may be available for emergency support.

4.1.3 Institute for Nuclear Power Operations (INPO)

If requested, INPO will provide assistance in locating logistics needs.

4.1.4 NOTEPAD

Entries on NOTEPAD may be used to locate needed logistics. NOTEPAD users instructions are contained in GO-EIP-114 "News Release Coordination and Distribution".

4.1.5 Voluntary Assistance Agreement By and Among Electric Utilities Involved in Transportation of Nuclear Materials (Contract PG-81-29)

This agreement, coordinated by INPO, provides the legal framework for requesting and receiving assistance from other signatories (utilities) in any situation wherein an emergency occurs by reason of a nuclear material transportation accident involving nuclear materials shipped by one of the signatories. Rendering of assistance is voluntary. Copies of the agreement along with contact names

and lists of equipment and personnel who may be available are kept at the EOF and Flintridge EOC.

4.1.6 Fixed Facility Emergency Response Voluntary Assistance Agreement (Contract PG-81-30)

This agreement, coordinated by INPO, provides the legal framework for requesting and receiving assistance from other signatories (utilities) in any emergency situation at a fixed facility under the control of one of the signatories. Rendering of assistance is voluntary. Copies of the agreement and lists of signatories are kept at the EOF and Flintridge EOC. Contact names and resources that may be available are listed in the INPO Emergency Resources Manual.

4.1.7 Blanket Purchase Orders and Service Contracts

Table 1 lists blanket purchase orders and Service Contracts which were in effect when this procedure was last revised and which are for services, supplies or materials which may be needed under radiological emergency conditions.

4.2 Procurement

To the maximum extent possible, established company practices for emergency procurement will be followed. Deviations should be authorized by the Recovery Manager. To identify expenditures associated with the emergency, all account numbers are to be prefixed with an "E" (the ASD shall notify accounting that this coding is in use.)

4.2.1 The ASD will supervise preparation of Purchase Requisitions, Change Order Requests, Blanket Order Work Authorizations, Blanket Order Releases and Contract Work Authorizations as needed and provide or obtain required signatures:

Estimated Cost	Authorizing Individual
$\leq$ \$100,000	ASD
$>$ \$100,000; $\leq$ \$500,000	Recovery Manager
$>$ \$500,000; $\leq$ \$2,000,000	VPNG
$>$ \$2,000,000	Per Management Procedure 030-003

4.2.2 The ASD will supervise determination of documentation requirements and QA requirements to be appended to purchase requisitions.

4.2.3 The purchase requisition will be transmitted to the Purchasing Department and the ASD will coordinate with Purchasing on vendor identification, order placement and expediting.

4.2.4 The ASD is responsible for receipt inspection activities and for tracking services rendered. Timekeeping and charges for personnel provided by other utilities will be in accordance with the applicable voluntary assistance agreement.

4.2.5 A log of all orders will be maintained utilizing Figure 1.

5.0 Administrative Support

5.1 Status Boards

The ASD is responsible for ensuring all EOF status boards (see Figures 2A through 2J) are maintained current.

Personnel will be assigned as needed to monitor ENN transmissions and maintain contact with the TSC liaison for obtaining information needed in status board maintenance.

5.2 Communications

The ASD is responsible for supervising the operation of all EOF communications equipment (except dose assessment communication equipment) and the screening of phone communications into the TSC and EOF. EOF communications equipment includes the ENS phone; HPN phone; ENN unit; security division and plant frequency radios located in Room 106; the TSC/EOF intercom; and the operators console for the EOF PAX system (plant PAX system if control has been transferred from the CSC).

5.2.1 Incoming PAX communications will be screened toeliminate non-essential calls which would detract from the ability of personnel to perform their emergency duties. Prior to connecting any caller, the PAX console operator will determine the caller's name, organization and purpose of call. All news media calls and calls from the general public shall be referred to the Public Information staff. Calls to APCo from offsite emergency response organizationand state, federal and local agencies should be referred to the appropriate member of the APCo EOF staff.

5.2.2 Incoming messages on the ENN, HPN, ENS and radios as well as incoming messages on the TSC/EOF intercom or

the PAX system that are not received by the party to whom the call was placed or that should be routed, will be recorded on a form illustrated on Figure 3. The message will receive a sequential number, be logged on a copy of Figure 4 and a copy of the message filed. The original will be routed as appropriate.

5.2.3 Outgoing messages for transmittal to offsite emergency response agencies will be prepared using, as appropriate, forms illustrated in Figure 3 or Figures 5 through 11. The messages will be approved by an individual at the Director level or above prior to transmission.

Discussions with offsite government agencies will be documented using a form illustrated in Figure 11. Following transmission, the message will receive a sequential number, be logged on a copy of Figure 4 and a copy of the message filed. The original will be returned to the originator.

5.3 Clerical Support

The ASD is responsible for general supervision of EOF clerical support (typing, filing, etc.).

6.0 Access Control and Accountability

6.1 Access Control

The ASD is responsible for supervising EOF access control measures. Only Alabama Power Company emergency personnel, NRC personnel and personnel associated with

government emergency response organizations will be allowed access to the EOF without authorization from the Recovery Manager. All authorized personnel will be issued an access authorization card (Figure 12) by the ASD and instructed to wear the card in a prominent location. A log (Figure 13) will be kept of all access authorization cards issued.

6.2 Accountability

The ASD is responsible for supervising EOF accountability records. A log (Figure 14) will be kept to provide personnel accountability at the EOF.

7.0 Dosimetry and Radioprotective Drugs

The ASD is responsible for obtaining, issuing and tracking dosimetry and/or radioprotective drugs for all EOF personnel in the event that the Health Physics Manager (HPM) determines a need for dosimetry at the EOF and/or in the event the HPM determines the need for radioprotective drugs and the Recovery Manager authorizes their use. He shall insure personnel are instructed on the use of self-reading pocket chambers and on requirements for recording readings if and when such devices are issued. He shall also insure that personnel are instructed on the proper use of TLD dosimetry and where it should be kept when not in use if and when such devices are issued. Pocket chamber record requirements and TLD storage requirements will be obtained by the ASD from the Health Physics Manager.

8.0 Personnel Support

The ASD is responsible for providing the following personnel support items:

8.1 Lodging - The ASD shall assist temporarily assigned APCo personnel and support personnel provided at APCo's request by other utilities, vendors, etc. in obtaining lodging. In accomplishing this during major events, the ASD will coordinate with the Recovery Manager at the start of the event to determine anticipated lodging needs and will make appropriate reservation arrangements with local motels. **NOTE: Some lodging reservations will be made by the Activation and Logistics Assistant prior to EOF activation. These should be taken into account when establishing lodging needs.**

8.2 Transportation - The ASD will assist temporarily assigned APCo personnel and support personnel provided at APCo's request by other utilities, vendors, etc. in obtaining transportation, arranging car pools, etc. The ASD shall obtain company cars from the fleet as necessary for APCo personnel. Use of APCo cars by non-APCo employees must be approved by the Recovery Manager.

8.3 Meals - The ASD is responsible for arranging for meals for all EOF personnel and for in-plant emergency workers as appropriate. The need for meals for in-plant emergency workers will be coordinated with the Emergency Director's staff.

8.4 Cash Advances and Expense Claims - The ASD is responsible

for coordinating with Generating Plant Services to arrangecash advances as needed for temporarily assigned APCo per-sonnel and, for extended emergency conditions, to process expense account claims.

8.5 Check Cashing - For extended emergency conditions the ASD is responsible for assisting temporarily assigned APCo personnel and support personnel provided at APCo'a request by other utilities, vendors, etc. in obtaining check cashing services either through arrangements with a local bank or by establishing a company petty cash fund at the EOF.

8.6 Other Personnel Problems - The ASD is responsible for assisting temporarily assigned personnel and support personnel provided at APCo's request by other utilities, vendors, etc. in resolving other problems associated with temporary emergency assignment at FNP.

9.0 Shift Schedules

During extended emergencies the ASD is responsible for establishing shift schedules for all personnel assigned to EOF functions. A log of personnel assigned to the EOF (Figure 13) will be maintained to facilitate establishing schedules and contacting personnel when required.

TABLE 1

BLANKET PURCHASE ORDERS AND SERVICE CONTRACT

ORDER #	VENDOR	SERVICE	CONTACT	PHONE NO.
B4403	APCo Extrusions	HP Plastic Bags	Charles Grand (Home) Dave Viera (Weekends)	
B4030	Alabama Electric	Motor Repair	Ben Daniels (Home)	
B4071	Amersham/Searle	Radionuclide Solutions	Anyone - Cust. Service	
B4007	Analytics, Inc.	Cal of Whole Body Counting	Bob McFarland (Home)	
B4050	APT	Tech Support for HP		
B4051	ARC	HP Tech Rental	Terry Holland (Home)	
B4049	Center for Applied Isotope Studies	Radioactive Sample Analysis	John Noakes (Home) Jim Spaulding (Home) Glen Murphy (Home)	
B4084	Chem Nuclear	Radwaste Transportation and Burial	Zawacki Security (Night)	
B4107	Davcon	Maintenance Support	Rufus Justice (Home) Steve Norman (Home) Ralph Williams (Home)	
B4117	Dosimeter Corp.	Dosimetry	Al Zirkes Al Zirkes (Home) Melvin Srybrik	

ORDER #	VENDOR	SERVICE	CONTACT	PHONE NO.
B4122	Eberline	Biological Assay of Body Fluids	Mike Ortez (Dir. of Labs) (Home)	
B4121	Eberline	Repair & Cal of Rad Survey Instruments	John Whitzell (Home)	
B4120	Eberline	Dosimetry - Environmental	Rose Marie Tauche (Or anyone in Dept.) (Home)	
B4310	Fairbanks-Morse	Parts for D/G - Code A)	J. W. Tangye	
B4246	Fairbanks-Morse	Parts for D/G - Code C)	Guard System - all hours	
B4130	Fisher Scientific	Lab Standards & Solutions	Bill King (Home-Montg.)	
B4367	Furmanite	Leak Sealing	S.E. Region-Andy McLane Corp. Office (Eng.-24 hr)	
B4425	Gulf Oil Corp.	Diesel Fuel Analysis	J. M. Koziura Willis Picking (Home)	
B4358	Hittman	Radwaste Processing	Dave Demick (Home) Rick Disalvo (Home) EMERGENCY NO.	
B4409	Industrial Safety	Gloves-HP	Ronnie Hyer (Home) Greg Wendell (Home)	

ORDER #	VENDOR	SERVICE	CONTACT	PHONE NO.
B4189	Kinemetrics, Inc.	Seismic Instrumentation	John Diehl (Night) (Home)	
B4194	Landauer	Dosimetry Personnel	EMERGENCY NO. (24 Hr.) Richard Knuth	
B4207	McCorkles	Food	Greg Wheeles/Celia Evans Greg Wheeles (Home) Celia Evans (Home)	
B4378	Mohawk Ind.	Anti-C's	Rocky Francoline (Home)	
B4224	Nuclear Containment System	HEPA & Charcoal Filter Testing	Polly Pierce Charlie Myers (Home) Fred Leckie (Home)	
B4406	Nuclear Power Outfitters	Plastic Coveralls and Booties	24 Hour Service Day - Evelyn Rathe; Nite	
B4225	Nuclear Support Services	HP Tech Rental	Frank Pendleton (Home) PA Corp. Office	
	(1) Dale Ferguson - VP Operations; (2) Robert Hess - VP; (3) Joe Quick - President		Dale Ferguson (Home) CT - Jim Elkins (Home)	
B4411	Protective Plastics	HP Poly-Vinyl Fabric	Roy Limpitlaw (Home)	
B4244	R & E Supply	Cleaning Supplies)	Johnny Stallings (Home)	
B4412	R & E Supply	HP Gloves)	Charlie Stephenson (Home) Harold Stephenson (Home)	

ORDER #	VENDOR	SERVICE	CONTACT	PHONE NO.
B4283	Southern Space	HP Laundry	Dan King (Home) Glen Bugge/Les Case (Home	
B4327	Westinghouse	Engineering Services (Design & Consulting)	John Miller Bob Wise (Home)	
B4331	Westinghouse	NSID Services	John Miller Bob Wise/Lonnie Benson Bob Wise (Home)	
B4398	WISCO	I&C Tech Rental	Ed Booth (Home) George E. Chase (Home)	
B4329	Westinghouse	T/G Repair Services	Charlie Reep (Home) Bill Navey (Home)	
B4330	Westinghouse	T/G Parts	Charlie Reep (Home) Bill Navey (Home)	
B4401	Westinghouse	Parts - Code A	Bob Wise (Home) Bob Moder	
B4402	Westinghouse	Parts - Code D	Bob Wise (Home) Bob Moder	

TABLE 2

PRE-IDENTIFIED EQUIPMENT AND SUPPLIES
(RADIOLOGICAL EMERGENCY)

Item	Size	Quantity
Plastic Anti-C booties non skid	N/A	
Rubber Shoe Covers	Lg	
Rubber Shoe Covers	X-Lg	
Rubber Shoe Covers	Giant	
Anti-C booties-canvas	N/A	
Surgeon's Cap - cloth	N/A	
Anti-C Coveralls - cloth	Sm (40)	
Anti-C Coveralls - cloth	Med (44)	
Anti-C Coveralls - cloth	Lg (50)	
Anti-C Coveralls - cloth	X-Lg (54)	
Anti-C Hoods - cloth	X-Lg	
Lab Coats - cloth	Med (44)	
Lab Coats - cloth	Lg (50)	
Lab Coats - cloth	X-Lg (54)	
Anti-C Gloves - latex rubber	9	
Anti-C Gloves - latex rubber	10	
Cloth Glove liners	N/A	
Plastic Suit 1 piece	Med (44)	
Plastic Suit 1 piece	Large(50)	
Plastic Suit 1 piece	X-Lg (54)	
Disposable Surgeon's Gloves	Lg	
MSA Ultravue Full Face Respirtors	N/A	
Filters for MSA Ultravue Respirator (Particulate)	N/A	
Filters for MSA Ultravue Respirator (Iodine)	N/A	
Willson Fullface Respirators	N/A	
Filter for Willson Respirators (Iodine)	N/A	
Filter for Willson Respirators (Particulate)	N/A	
MSA Airline Fullface Respirators (Duo-Flow)	N/A	
MSA Airlines	50 ft	
Willson Air Manifolds	8 outlet	
Willson Airline Respirators	N/A	
Willson Hoses	50 ft	
MSA Self-contained Respirator Kits	N/A	
Respirator Cleaning Solution	N/A	
Poly Bags (yellow) translucent	Various	

TABLE 2...Continued

Item	Size	Quantity
Decon Solutions, i.e. stripper, misty	N/A	
Wipe-alls	N/A	
Mazoline mops and handles		
Mop handles and heads	N/A	
Step Off Pads	N/A	
Herculite	N/A	
Masking tape	N/A	
Duct Tape	N/A	
Defense Apparel Smears	N/A	
55 gal. drums w/lids	N/A	
RTV Sealant	N/A	
LSA boxes	N/A	
Drum handling cart	N/A	
Poly Bottles	N/A	
Rad Rope	N/A	
Bands & Banding tool		
High Volume air samples (120V DC & 120V AC)		
Air Sample Filters & Cartridges (Charcoal & Silver Zeolite)		
RO-2 Ion chamber		
RO-2a Ion chamber		
E-140 GM detector w/HP 120 probe		
E-140 GM detector w/HP 177 probe		
Rm 19 GM detector		
Rm 20 GM detector		
Batteries (C.D. & 9 volt)		
PNR-4 Neutron Detector		
PNC-4 Neutron Detector		
PAC-4S Alpha Detector		
PAC-4G Alpha Detector		
Teletector (Hi-range dose rate inst.)		
TLD (Landauer, Harshaw)		
Dosimeters (200mr, 1000mr, & 5000mr range)		
HVAC Filters		
HP Rental Techs		
Mobile Laundry		
Portable Ventilation Systems (minimum capacity 1000 cfm)		
Radiation Signs w/ inserts		
Strippable paint		
Smears or swipes		
Q-tips		
Particulate air sample filters		
Vacuum cleaners and accessories		
Rad Tape		
Rad Material Stickers		

ORDER TYPE	NUMBER	FOR	TRANSMITTED TO/ DATE /BY
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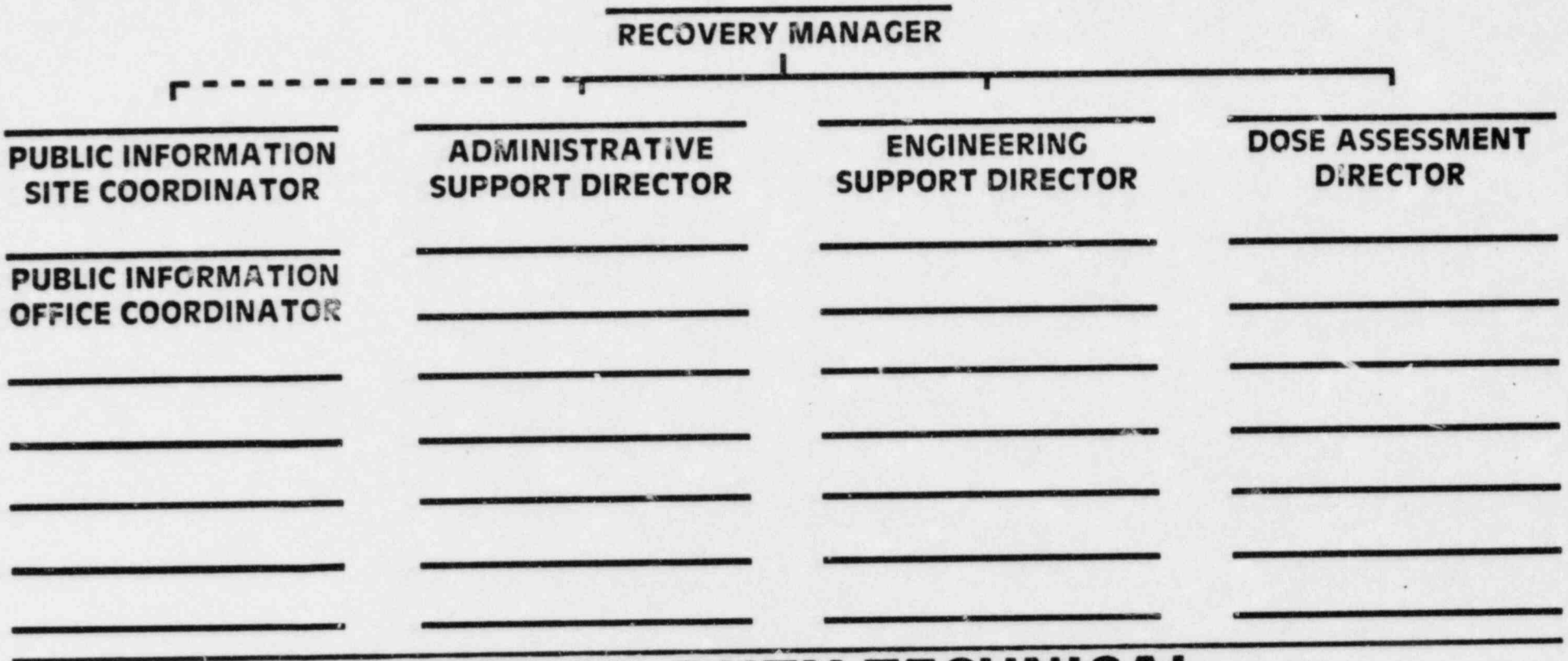
FIGURE 1. PR, COR, BOWA, BOR, CWA LOG

APCo ON-DUTY EMERGENCY OPERATIONS FACILITY STAFF



APCo ON-DUTY TECHNICAL SUPPORT CENTER SUPERVISION

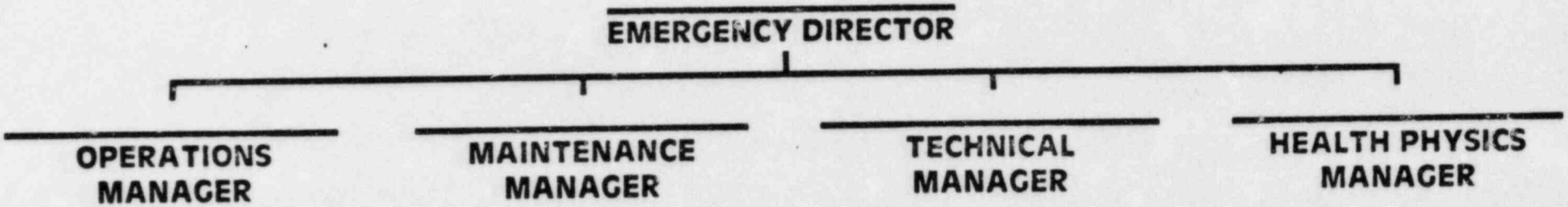


Figure 2A

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ON-DUTY NUCLEAR REGULATORY COMMISSION SUPERVISION

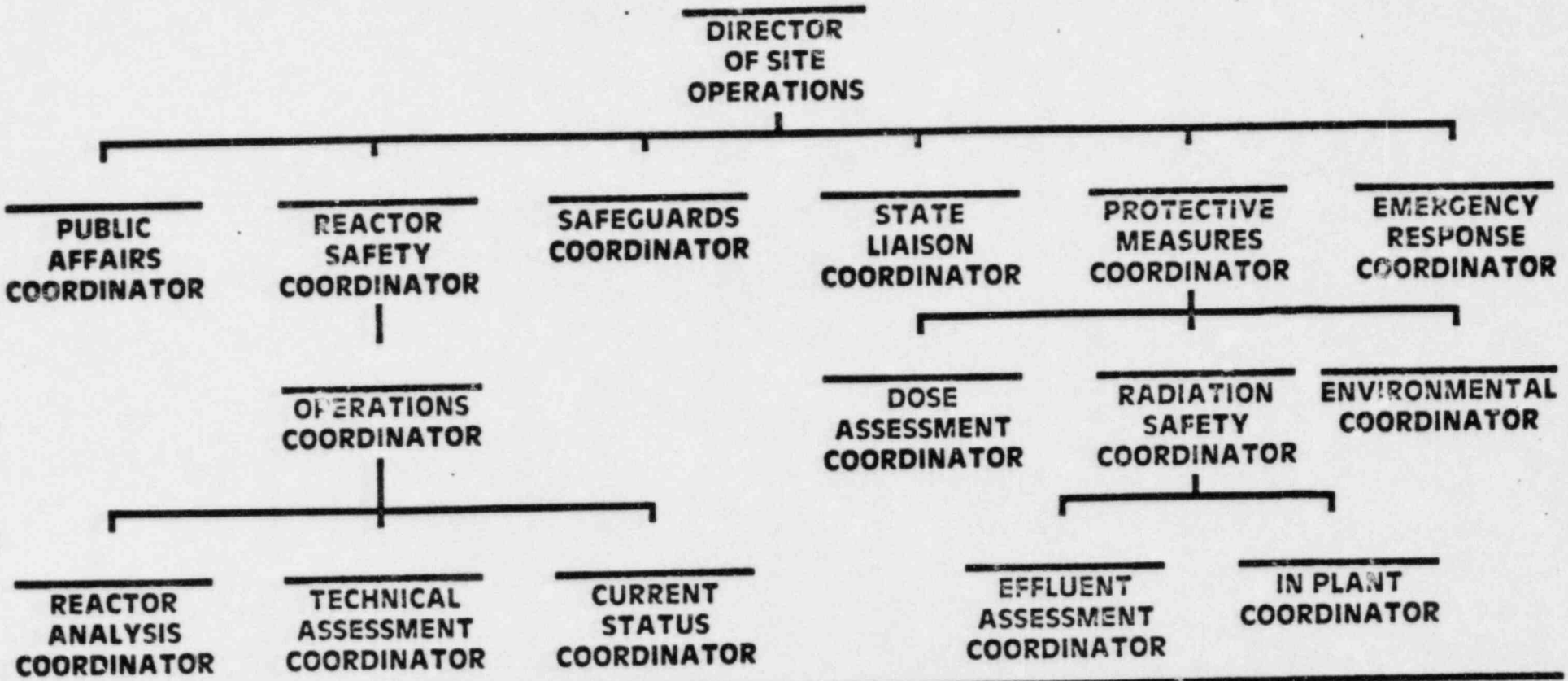

Figure 2B

MISC. APCo STAFF

NEWS MEDIA CENTER COORD.
Phone: _____

Phone: _____

CEOC TECH. LIAISON
Phone: _____

TSC LIAISON
Phone: _____

FACILITY PHONE NUMBERS

NEWS MEDIA CENTER: _____
FLINTRIDGE EOC: _____
OSC—MAINT: _____ OSC—TECH: _____
OSC—OPS/C & HP: _____
SECURITY—MAIN GATE: _____
CSC: _____ PAP: _____

OFF-SITE AGENCY PRINCIPAL CONTACTS

AGENCY	ON-DUTY CONTACT	LOCATION	PHONE
ALABAMA CIVIL DEFENSE			
ALA. DEPT. OF PUBLIC HEALTH			
BECHTEL			
EARLY CO. CIVIL DEFENSE			
FLA. DEPT. OF NAT. RESOURCES			
GA. EMERG. MGMT. AGENCY			
HOUSTON CO. CIVIL DEFENSE			
HOUSTON CO. RAD. HEALTH			
INST. OF NUC. POWER OPERATIONS			
SOUTHERN COMPANY SERVICES			
WESTINGHOUSE			

Figure 2C

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REACTOR COOLANT SYSTEM PARAMETER STATUS

REACTOR TRIP TIME _____ CENTRAL DATE _____

PRESSURIZER LEVEL _____ % TREND _____
CORE COVERED? _____
RCS PRESSURE _____ PSIG TREND _____
LOOP 1 WIDE RANGE TH/TC _____ / _____ °F
LOOP 2 WIDE RANGE TH/TC _____ / _____ °F
LOOP 3 WIDE RANGE TH/TC _____ / _____ °F
COOL DOWN RATE _____ °F/HR
PZR STEAM SPACE TEMP _____ °F
PZR LIQUID SPACE TEMP _____ °F
PZR HEATER STATUS (ON/OFF) _____
LOOP 1 RCP STATUS _____
LOOP 2 RCP STATUS _____
LOOP 3 RCP STATUS _____

UPPER HEAD T/C VALUES

ADDRESS	LOCATION	VALUE (°F)	STATUS*	TREND
T006A	E-9,EL15			
T010A	E-9,EL30			
T005A	E-9,EL46			
T022A	E-9,EL61			
T023A	L-7,EL14			
T020A	L-7,EL30			
T034A	L-7,EL46			
T048A	L-7,EL61			
T007A	A/B-12, EL15			
T013A	H/J-7/8, EL15			
T021A	G/H-9/10, EL15			
T051A	M/N-5/6, EL15			

*OOC≡OUT OF SERVICE S≡SUBCOOLED X≡>SAT. TEMP.

CORE EXIT T/C VALUES

ADDRESS	LOCATION	VALUE (°F)	STATUS*	TREND
T001A	A08			
T002A	B05			
T003A	B10			
T004A	E04			
T008A	F03			
T009A	F05			
T011A	F11			
T012A	G01			
T014A	H08			
T015A	H15			
T016A	J02			
T017A	J10			
T018A	J12			
T019A	K03			
T024A	N06			
T025A	P08			
T026A	R07			
T027A	C08			
T028A	C12			
T029A	D03			
T030A	D05			
T031A	E08			
T032A	E10			
T033A	F13			
T035A	G08			
T036A	G15			
T037A	H03			
T038A	H05			
T039A	H09			

Figure 2D

REACTOR COOLANT SYSTEM

CORE EXIT T/C VALUES

ADDRESS	LOCATION	VALUE (°F)	STATUS*	TREND
T040A	H11			
T041A	H13			
T042A	L06			
T043A	L08			
T044A	L12			
T045A	L14			
T046A	M03			
T047A	M11			

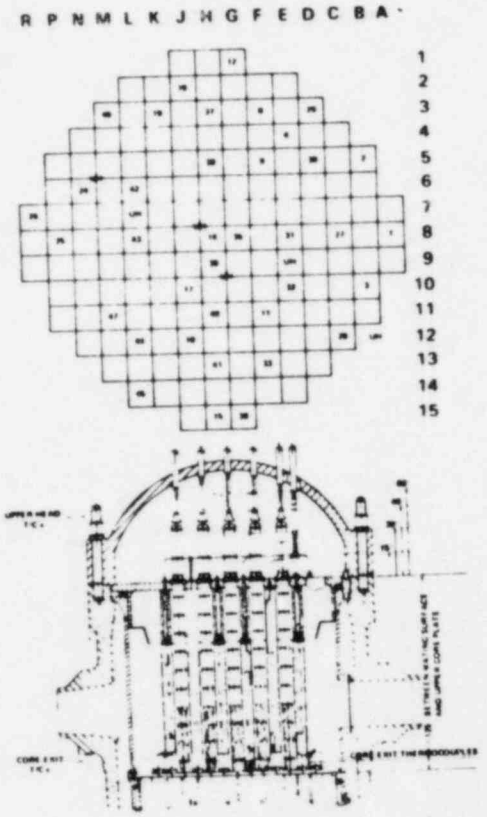

Figure 2E

Rev. 0

CONTAINMENT

INTEGRITY/ISOLATION STATUS: _____

PRESSURE: _____ PSID TREND _____

TEMPERATURE: _____ °F TREND _____

SUMP LEVEL: _____ FT TREND _____

CTMT. SPRAY STATUS: _____

H_2 MONITOR INDICATIONS: A ___ % TREND _____
B ___ % TREND _____

H_2 RECOMBINER STATUS: A _____
B _____

RAD. LEVELS: R27A _____ R/HR TREND _____
R27B _____ R/HR TREND _____
R-11 _____ TREND _____
R-12 _____ TREND _____

SAMPLE RESULTS: SAMPLE TIME: _____

ESTIMATED RADIOACTIVE INVENTORY
BASED ON ☐ MONITORS ☐ SAMPLE
_____ Ci Xe — 131 EQUIV.
_____ Ci I — 133 EQUIV.

REACTOR COOLANT SYSTEM SAMPLE

RESULTS: SAMPLE TIME: _____

SAFETY INJECTION/RHR

SI MODE: _____

RWST LVL: _____

CHG PMP STATUS: A _____
B _____
C _____

BIT FLOWRATE _____ gpm

NORMAL CHARGING FLOWRATE _____ gpm

LETDOWN FLOWRATE _____ gpm

RHR PUMP STATUS: A _____
B _____

RHR FLOWRATES: A _____ gpm
B _____ gpm

SECONDARY SYSTEM

S/G LVLS: A _____ %NR _____ %WR TREND _____
B _____ %NR _____ %WR TREND _____
C _____ %NR _____ %WR TREND _____

FW FLOWS: A _____ GPM
B _____ GPM
C _____ GPM

S/G PRESS: A _____ PSIG TREND _____
B _____ PSIG TREND _____
C _____ PSIG TREND _____

MSIV STATUS: A _____
B _____
C _____

ATMOS. RELIEF VLV. STATUS: A _____
B _____
C _____

S/G SAFETY VLV. STATUS: A _____
B _____
C _____

COND. STORAGE TK LVL: _____

AFW PUMP STATUS: A _____
B _____
TDAFWP _____

CONDENSER STATUS: _____

INOPERABLE EQUIPMENT	STATUS

INOPERABLE EQUIPMENT	STATUS

Figure 2F

Rev. 0

GO-EIP-11/

METEOROLOGY

WIND SPEED—35' _____ mph 150' _____ mph

WIND DIRECTION—35' from _____ to _____ 150' from _____ to _____

ΔT channel 1 _____ °F/165' CORRES. STABILITY CLASS _____

channel 2 _____ °F/165' CORRES. STABILITY CLASS _____

σ_θ 35' primary _____ CORRES. STABILITY CLASS _____

150' primary _____ CORRES. STABILITY CLASS _____

35' backup _____ CORRES. STABILITY CLASS _____

CURRENT PRECIPITATION _____

12 HOUR FORECAST: Time Obtained _____ CENTRAL

TIME PERIOD	6 hr _____ TO _____ CENTRAL	12 hr _____ TO _____ CENTRAL
WIND SPEED	_____ mph	_____ mph
WIND DIRECTION	FROM _____ TO _____	FROM _____ TO _____
CLOUD COVER	_____	_____
CEILING HT	_____	_____

FRONT PASSAGE FORECAST: Time Obtained _____ CENTRAL

	BEFORE PASSAGE	DURING PASSAGE TO CENTRAL	AFTER PASSAGE
WIND SPEED	_____ mph	_____ mph	_____ mph
WIND DIRECTION	FROM _____	FROM _____	FROM _____
CLOUD COVER	_____	_____	_____
CEILING HT	_____	_____	_____
PRECIPITATION?	_____	_____	_____

PREDICTED STABILITY CLASS CHANGES

FROM	TO	DATE	TIME	FROM	TO	DATE	TIME

Figure 26

Rev. 0

GO-EIP-117

EFFLUENTS

PLANT VENT STACK

MONITOR	READING		TREND
R29	_____	µCi/ml I	_____
	_____	µCi/ml NG	_____
	_____	µCi/ml PART.	_____
R14	_____	CPM	_____
R21	_____	CPM	_____
R22	_____	CPM	_____

SAMPLE RESULTS: Sample Time _____ CENTRAL

_____

_____

_____

FLOW RATE: _____ CFM

STEAM JET AIR EJECTOR

MONITOR	READING		CONV. VALUE		TREND
R15	_____	CPM	_____	µCi/ml	_____
R15B	_____	MR/hr	_____	µCi/ml	_____
R15C	_____	R/h	_____	µCi/ml	_____

SAMPLE RESULTS: Sample Time _____ CENTRAL

_____

_____

_____

CHARCOAL FILTER STATUS _____

FLOW RATE: _____ CFM

STEAM GENERATOR RELIEFS AND SAFTIES

MONITOR	READING		CONV. VALUE		TREND
R60A	_____	R/Hr	_____	µCi/ml	_____
R60B	_____	R/Hr	_____	µCi/ml	_____
R60C	_____	R/Hr	_____	µCi/ml	_____

SAMPLE RESULTS:

S/G A Sample Time: _____ CENTRAL

_____

_____

_____

S/G B Sample Time: _____ CENTRAL

_____

_____

_____

S/G C Sample Time: _____ CENTRAL

_____

_____

_____

CALCULATED FLOW RATES:

S/G A _____ CFM
S/G B _____ CFM
S/G C _____ CFM

TURBINE DRIVEN AUX. F.W. PMP. EXHAUST

MONITOR	READING		CONV. VALUE		TREND
R60D	_____	R/Hr	_____	µCi/ml	_____

CALCULATED FLOW RATE: _____ CFM

Figure 2H

Rev. 0

GO-EIP-117

DOSE ASSESSMENT

CALCULATE PLUME CENTERLINE DOSE RATES

DISTANCE	CURRENT W.B. RATE	CURRENT THY. RATE	PREDICTED W.B. RATE	PREDICTED THY. RATE	PREDICTED ARRIV. TIME
SB					
1 MI.					
2 MI.					
3 MI.					
5 MI.					
7 MI.					
10 MI.					

WORST SECTORS CALCULATED CURRENT INTEGRATED DOSES

SECTOR		DISTANCE SB	1	2	3	5	7	10
	WB							
	THY							
	WB							
	THY							
	WB							
	THY							
	WB							
	THY							

WORST SECTORS CALCULATED PREDICTED INTEGRATED DOSES

BASIS—WIND DIRECTION _____ EST. REPAIR TIME _____ HR.

SECTOR		DISTANCE SB	1	2	3	5	7	10
	WB							
	THY							
	WB							
	THY							
	WB							
	THY							
	WB							
	THY							

LAST 12 MEASURED DOSE RATES

LOCATION	TIME		VALUE MEASURED	VALUE CALCULATED
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		
		NG		
		I		
		P		

Figure 21

Rev. 0

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OFF-SITE PROTECTIVE ACTIONS

EVACUATION ZONES SHOWING PROTECTIVE ACTION ORDERS

SHELTER

EVACUATE

PROTECTIVE ACTION RECOMMENDATIONS

ZONE(S)	ACTION	CENTRAL TIME

PROTECTIVE ACTION ORDERS

ZONE(S)	ACTION	CENTRAL TIME

Figure 2J

Rev. 0

GO-EIP-117

EOF INCOMING MESSAGE RECORD

FROM:
( ) NRC
( ) ALA RAD HEALTH, MONTGOMERY
( ) HOUSTON CO. CEOC
( ) EARLY CO. CEOC
( ) ANI
( ) EMERGENCY COORD
( ) TSC
( ) _____ (other)

MESSAGE NO.: EOF-_____
RECEIVED BY: _____
DATE: _____
TIME: _____ CENTRAL

PRIORITY (circle) ROUTINE URGENT

RESPONSE REQUIRED (circle) No Yes _____ (Phone Number)

ROUTING:		Sequence	Initials
☐	RECOVERY MANAGER	_____	_____
☐	ADMINISTRATIVE SUPPORT DIRECTOR	_____	_____
☐	ENGINEERING & LICENSING SUPPORT DIRECTOR	_____	_____
☐	DOSE ASSEMENT DIRECTOR	_____	_____
☐	PUBLIC INFORMATION SITE COORDINATOR	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

MESSAGE: _____

_____

_____

_____

_____

RESPONSE: _____

_____

_____

_____

RESPONSE BY: _____

RESPONSE TRANSMITTED BY: _____ DATE: _____
TIME: _____ CENTRAL

FIGURE 3. EOF Incoming Message Record

EMERGENCY COMMUNICATIONS LOG

Date	Time	Incoming	Outgoing	Message Serial Number	Init.

FIGURE 4. Emergency Communications Log

DOSE PROJECTION UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. DPU-_____
PG._____ OF_____
DATE_____/_____/_____
PREPARED BY: _____
TRANSMITTAL AUTHORIZED BY: _____

This is _____ at Farley Nuclear Plant.
(Name/Title)

The following dose projection update is provided (check):

☐ to correct data transmitted at _____ on _____
(Time - Central) (Date)

☐ due to change in windspeed from _____mph to _____mph

☐ due to revised repair time estimates from ___hrs to ___hrs

☐ due to new release concentrations of _____ μCi/cc Noble gas, _____ μCi/cc iodine, obtained from:
( ) Stack Monitor
( ) Stack Sample
( ) Offsite Monitoring
Flow Rate is _____ CFM; Release Rate is _____ μCuries/sec Noble Gas; _____ μCuries/sec Iodine

☐ (Other)_____ _____

☐ Revised projected values are:

	Site Boundary	2 mi	5 mi	10 mi
Current Dose Rate - W.B. (mRem/hr)				
Current Dose Rate - Thy. (mRem/hr)				
Proj. Integ. Dose - W.B. (Rem)				
Proj. Integ. Dose - Thy (Rad)				

☐ Integrated dose projections are based on calculated integrated doses at _____
(Time-Central)
on _____ ( ) transmitted previously ( ) as follows:
(Date)

	Site Boundary	1 mi	2 mi	3 mi	5 mi	7 mi	10 mi
W.B. (Rem)							
Thy (Rad)							

☐ Revised values (check) ( ) Do ( ) Do Not affect plant emergency classification
( ) Do ( ) Do Not affect recommended protective actions

*Release Rate = Flow Rate (CFM) x Concentration (μCi/ml) x 471.9 ml/sec/CFM

Figure 5. Dose Projection Update Message

EMERGENCY CLASS/PROTECTIVE ACTIONS/ASSISTANCE UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. EMU-_____
PG._____ OF_____
DATE_____/_____/_____
PREPARED BY:_____
TRANSMITTAL AUTHORIZED BY:
_____

This is _____ at Farley Nuclear Plant.
(Name/Title)

☐ The onsite emergency classification was changed at _____ on _____.
(Time-Central) (Date)

From: ( ) Unusual Event
( ) Alert
( ) Site
( ) General

To: ( ) Unusual Event
( ) Alert
( ) Site
( ) General
( ) Recovery Stage

due to a change in ☐ Dose Projection ☐ Plant Status ☐ Potential for Release

☐ Recommended emergency actions/protective measures are changed

From: ( ) None
( ) Shelter
( ) Evacuate
( ) Other _____

To: ( ) None
( ) Shelter
( ) Evacuate
( ) Other _____

☐ Requested offsite assistance is changed to

_____

_____

_____

_____

FIGURE 6. Emergency Class/Protective Actions/Assistance Update Rev. 0

OFFSITE MONITORING UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. OMU-_____
PG. _____ OF _____
DATE ____/____/____
PREPARED BY: _____
TRANSMITTAL AUTHORIZED BY:
_____

This is _____ at Farley Nuclear Plant.
(Name/Title)

☐ The following information has been obtained from Farley radiation monitoring team(s):

TEAM #	LOCATION	TIME OF MEASUREMENT/SAMPLE	RESULTS	
_____	_____	_____ CENTRAL	_____ (mrem/hr)	direct
			_____ E (μCi/cc)	Iodine
			_____ E (μCi/cc)	Particulate
_____	_____	_____ CENTRAL	_____ (mrem/Hr)	direct
			_____ E (μCi/cc)	Iodine
			_____ E (μCi/cc)	Particulate
_____	_____	_____ CENTRAL	_____ (mrem/Hr)	direct
			_____ E (μCi/cc)	Iodine
			_____ E (μCi/cc)	Particulate
_____	_____	_____ CENTRAL	_____ (mrem/Hr)	direct
			_____ E (μCi/cc)	Iodine
			_____ E (μCi/cc)	Particulate

☐ (Comments) _____

_____

_____

☐ Teams are proceeding to the following locations:

TEAM #	LOCATION	ESTIMATED ARRIVAL TIME
_____	_____	_____ CENTRAL
_____	_____	_____ CENTRAL
_____	_____	_____ CENTRAL

FIGURE 7. Offsite Monitoring Update

PLANT STATUS UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. PSU-_____
PG._____ OF_____
DATE____/____/____
PREPARED BY: _____
TRANSMITTAL AUTHORIZED BY:
_____

This is _____ at Farley Nuclear Plant.
(Name/Title)

The following information is a plant status update.

☐ The situation is ( ) Terminated ( ) Stable ( ) Worsening ( )Unchanged
( ) Other _____

☐ The estimated potential for release changed at _____ on _____
(Time - CENTRAL) (Date)

From: ( ) _____Ci Noble Gas To: ( ) _____Ci Noble Gas

( ) _____Ci Iodine ( ) _____Ci Iodine

( ) Other _____ ( ) Other_____

Based on ( ) sample results
( ) revised calculations
( ) (other) _____

☐ This change: ( ) Does ( ) Does Not affect plant emergency classification

and ( ) Does ( ) Does Not affect recommended protective action

☐ New sample results for _____ (location)

are as follows ____E_____ μCi/cc Noble gas

_____E_____ μCi/cc Iodine

_____E_____ μCi/cc _____
(isotope/form)

☐ (Other) _____

_____

_____

FIGURE 8. Plant Status Update

Rev. 1

METEOROLOGY UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. MET-_____
PG._____ OF_____
DATE____/____/____
PREPARED BY:_____
TRANSMITTAL AUTHORIZED BY:
_____ _____

This is _____ at Farley Nuclear Plant.
(Name/Title)

The following meteorological conditions have changed since our last report (check):

☐ Information was obtained from:
( ) Plant meteorology tower
( ) Great Southern Paper Company
( ) Dothan Flight Service (Airport)
( ) National Weather Service, Montgomery
( ) National Weather Service, Birmingham

on: _____
(Date)

at: _____
(Time - CENTRAL)

☐ Wind speed: previous value _____ present value _____

☐ Wind direction: previous direction _____ present direction _____

previous downward direction _____ present downward direction _____

☐ ΔT per 51 meters: previous value _____ present value _____

°F/51 meters	Previous Stability Class:	Current Stability Class:
< 1.74	( ) A	( ) A
-1.74 to -1.56	( ) B	( ) B
-1.56 to -1.38	( ) C	( ) C
-1.38 to -0.46	( ) D	( ) D
-0.46 to 1.38	( ) E	( ) E
1.38 to 3.6	( ) F	( ) F
>3.6	( ) G	( ) G

☐ Form of precipitation: Previous form _____

Current form _____

Site Dose Projections ☐ are ☐ are not affected (See Dose Projection Update Message, DPU-_____)

FIGURE 9. Meteorology Update

Rev. 1

METEOROLOGY FORECAST/STABILITY CLASS PREDICTION UPDATE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) _____		
( ) _____		
( ) _____		

MESSAGE NO. MFU-_____
PG._____ OF_____
DATE_____/_____/_____
PREPARED BY:_____
TRANSMITTAL AUTHORIZED BY:
_____

This is _____ at Farley Nuclear Plant.
(Name/Title)

☐ The following meteorology forecast has been obtained from National Weather Service

☐ Montgomery ☐ Birmingham ☐ Napier Field at _____ (Time) on _____ (Date).

	6 hr. forecast	12 hr. forecast
Wind Direction		
Wind Speed		
Ceiling Height		
Cloud Cover		

FRONT PASSAGE DATA

	Prior to Front Arrival at _____ (Time)	During Front Passage	After Front Passage at _____ (Time)
Wind Direction			
Wind Speed			
Ceiling Height			
Cloud Cover			

☐ Predicted stability class changes are as follows:

From Stability Class _____ to Stability Class _____ at approximately _____Central.

From Stability Class _____ to Stability Class _____ at approximately _____Central.

From Stability Class _____ to Stability Class _____ at approximately _____Central

From Stability Class _____ to Stability Class _____ at approximately _____Central.

FIGURE 10. Meteorology Forecast/Stability Class Prediction Update Rev. 1

EOF OUTGOING MESSAGE

☐ TRANSMIT TO:

	TRANSMITTED (Central Time)	(Initials)
( ) NRC		
( ) ALA RAD HEALTH, MONTGOMERY		
( ) HOUSTON CO. CEOC		
( ) EARLY CO. CEOC		
( ) HOUSTON CO. RAD HEALTH		
( ) ANI		
( ) TSC		
( ) _____		
( ) _____		

MESSAGE NO. GEN-_____
PG. _____ OF _____
DATE _____/_____/_____
PREPARED BY: _____
TRANSMITTAL AUTHORIZED BY:
_____

This is _____ at Farley Nuclear Plant.
(Name/Title)

MESSAGE: _____

A reply ☐ is ☐ is not requested.

RESPONSE: _____

Response by: _____

FIGURE 11. EOF Outgoing Message (General)

FARLEY NUCLEAR PLANT
EMERGENCY OPERATIONS FACILITY

ACCESS AUTHORIZATION NO. _____

NAME: _____

EMPLOYER: _____

AUTHORIZED BY: _____

DATE: _____

FIGURE 12. EOF Access Authorization Card

EOF ACCESS AUTHORIZATION LOG

AUTHORIZATION CARD NO./DATE	NAME/SSAN	EMPLOYER	PERMANENT ADDRESS	TEMPORARY ADDRESS/ PHONE NUMBER	AUTHORIZED BY: DATE:

FIGURE 13. EOF Access Authorization Log

EOF ACCOUNTABILITY LOG

NAME	ACCESS AUTHORIZATION NO.	TIME-DATE IN	TIME-DATE OUT
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /
		- / /	- / /

FIGURE 14. EOF Accountability Log