

ALABAMA POWER COMPANY
NUCLEAR GENERATION DEPARTMENT

EMERGENCY OPERATIONS FACILITY ADMINISTRATIVE SUPPORT
GO-EIP-117

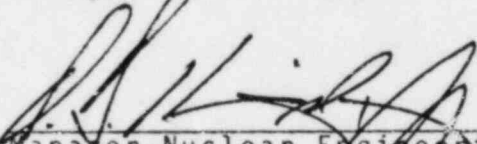
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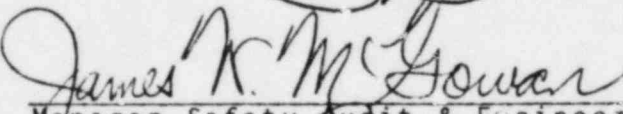
Manager-Nuclear Operations & Administration

Date 1/19/83



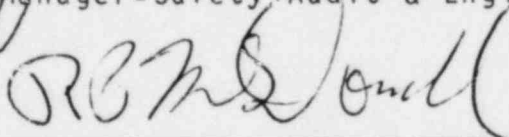
Manager-Nuclear Engineering & Technical Support

Date 1/20/83



Manager-Safety Audit & Engineering Review

Date 1/19/83



Vice President-Nuclear Generation

Date 1/21/83

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Rev. 1

LIST OF EFFECTIVE PAGES

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EMERGENCY OPERATIONS FACILITY ADMINISTRATIVE SUPPORT1.0 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 SCS, 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:

<u>Estimated Cost</u>	<u>Authorizing Individual</u>
< \$100,000	ASD
> \$100,000; < \$500,000	Recovery Manager
> \$500,000; < \$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 to eliminate 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 organization and 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 arrange cash advances as needed for temporarily assigned APCo personnel 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's 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

<u>ORDER #</u>	<u>VENDOR</u>	<u>SERVICE</u>	<u>CONTACT</u>	<u>PHONE NO.</u>
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 Transpor- tation 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	

Table 1 - Page 2

<u>ORDER #</u>	<u>VENDOR</u>	<u>SERVICE</u>	<u>CONTACT</u>	<u>PHONE NO.</u>
B4122	Eberline	Biological Assay of Body Fluids	Mike Orteiz (Dir. of Labs) (Home)	
B4121	Eberline	Repair & Cal of Rad Survey Instruments	John Whitzell (Home)	
B4120	Eberline	Dosimetry - Environ- mental	Rose Marie Tauche (Or anyone in Dept.) (Home)	
B4310	Fairbanks-Morse	Parts for D/G - Code A)	J. W. Tangye Guard System - all hours	
B4246	Fairbanks-Morse	Parts for D/G - Code C)		
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)	

Table 1 - Page 3

<u>ORDER #</u>	<u>VENDOR</u>	<u>SERVICE</u>	<u>CONTACT</u>	<u>PHONE NO.</u>
B4189	Kinometrics, Inc.	Seismic Instrumentation	John Diehl (Night) (Home)	
B4194	Landauer	Dosimetry Personnel	EMERGENCY NO. (24 Hr.) Richard Knuth	
B4207	McCorkles	Food	Greg Wheelles/Celia Evans Greg Wheelles (Home) Celia Evans (Home)	
B4378	Mohawk Ind.	Anti-C's	Rocky Francoline (Home)	
B4224	Nuclear Contain- ment 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 (1) Dale Ferguson - VP Operations; (2) Robert Hess - VP; (3) Joe Quick - President	HP Tech Rental	Frank Pendleton (Home) PA Corp. Office 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)	

Table 1 - Page 4

<u>ORDER #</u>	<u>VENDOR</u>	<u>SERVICE</u>	<u>CONTACT</u>	<u>PHONE NO.</u>
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)

<u>Item</u>	<u>Size</u>	<u>Quantity</u>
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 Respirators	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

<u>Item</u>	<u>Size</u>	<u>Quantity</u>
Decon Solutions, i.e. stripper, misty	N/A	_____
Wipe-all	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	_____
KV 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		_____

[illegible]

FIGURE 1. PR, COR, BOWA, BOR, CWA LOG

APCo ON-DUTY EMERGENCY OPERATIONS FACILITY STAFF

RECOVERY MANAGER

PUBLIC INFORMATION
SITE COORDINATOR

ADMINISTRATIVE
SUPPORT DIRECTOR

ENGINEERING
SUPPORT DIRECTOR

DOSE ASSESSMENT
DIRECTOR

PUBLIC INFORMATION
OFFICE COORDINATOR

APCo ON-DUTY TECHNICAL SUPPORT CENTER SUPERVISION

EMERGENCY DIRECTOR

OPERATIONS
MANAGER

MAINTENANCE
MANAGER

TECHNICAL
MANAGER

HEALTH PHYSICS
MANAGER

ON-DUTY NUCLEAR REGULATORY COMMISSION SUPERVISION

DIRECTOR
OF SITE
OPERATIONS

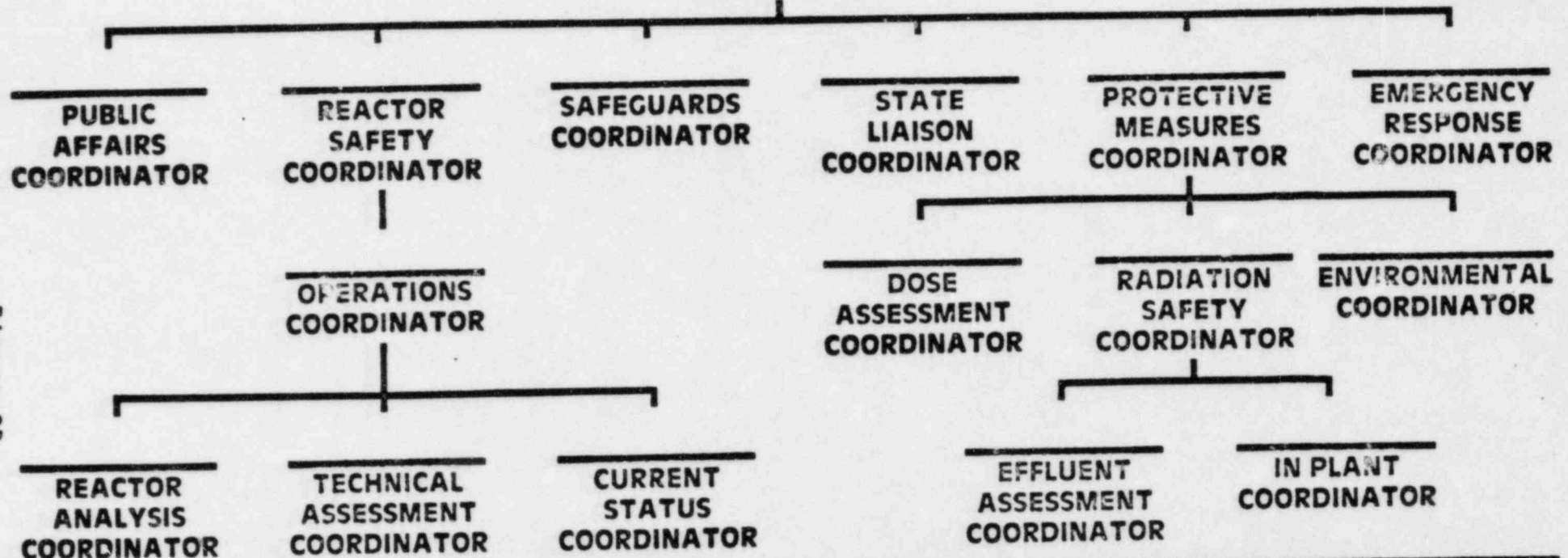


Figure 28

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: _____

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OFF-SITE AGENCY PRINCIPAL CONTACTS

<u>AGENCY</u>	<u>ON-DUTY CONTACT</u>	<u>LOCATION</u>	<u>PHONE</u>
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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60-517-111

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-3,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			

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			

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

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			

R P N M L K J H G F E D C B A

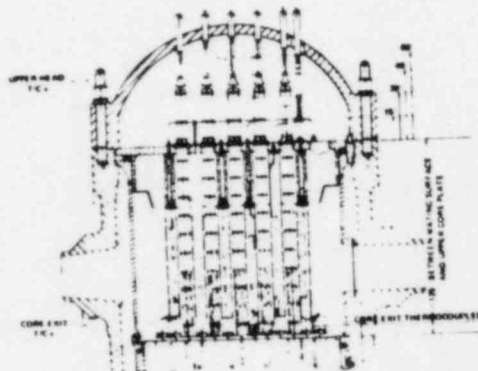
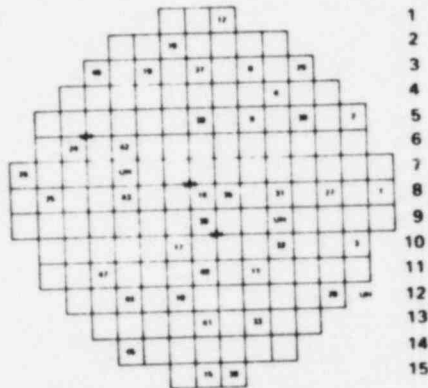


Figure 2E

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CONTAINMENT

INTEGRITY/ISOLATION STATUS: _____

PRESSURE: _____ PSID TREND _____

TEMPERATURE: _____ °F TREND _____

SUMP LEVEL: _____ FT TREND _____

CTMT. SPRAY STATUS: _____

H₂ MONITOR INDICATIONS: A _____ % TREND _____
B _____ % TREND _____

H₂ 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

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

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

PREDICTED STABILITY CLASS CHANGES

<u>FROM</u>	<u>TO</u>	<u>DATE</u>	<u>TIME</u>	<u>FROM</u>	<u>TO</u>	<u>DATE</u>	<u>TIME</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

EFFLUENTS

PLANT VENT STACK

<u>MONITOR</u>	<u>READING</u>	<u>TREND</u>
R29	<u> </u> $\mu\text{Ci/ml I}$	<u> </u>
	<u> </u> $\mu\text{Ci/ml NG}$	<u> </u>
	<u> </u> $\mu\text{Ci/ml PART.}$	<u> </u>
R14	<u> </u> CPM	<u> </u>
R21	<u> </u> CPM	<u> </u>
R22	<u> </u> CPM	<u> </u>

SAMPLE RESULTS: Sample Time CENTRAL

FLOW RATE: CFM

STEAM JET AIR EJECTOR

<u>MONITOR</u>	<u>READING</u>	<u>CONV. VALUE</u>	<u>TREND</u>
R15	<u> </u> CPM	<u> </u> $\mu\text{Ci/ml}$	<u> </u>
R15B	<u> </u> MR/hr	<u> </u> $\mu\text{Ci/ml}$	<u> </u>
R15C	<u> </u> R/h	<u> </u> $\mu\text{Ci/ml}$	<u> </u>

SAMPLE RESULTS: Sample Time CENTRAL

CHARCOAL FILTER STATUS

FLOW RATE: CFM

STEAM GENERATOR RELIEFS AND SAFTIES

<u>MONITOR</u>	<u>READING</u>	<u>CONV. VALUE</u>	<u>TREND</u>
R60A	<u> </u> R/Hr	<u> </u> $\mu\text{Ci/ml}$	<u> </u>
R60B	<u> </u> R/Hr	<u> </u> $\mu\text{Ci/ml}$	<u> </u>
R60C	<u> </u> R/Hr	<u> </u> $\mu\text{Ci/ml}$	<u> </u>

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

<u>MONITOR</u>	<u>READING</u>	<u>CONV. VALUE</u>	<u>TREND</u>
R60D	<u> </u> R/Hr	<u> </u> $\mu\text{Ci/ml}$	<u> </u>

CALCULATED FLOW RATE: CFM

DOSE ASSESSMENT

CALCULATE PLUME CENTERLINE DOSE RATES

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

WORST SECTORS CALCULATED CURRENT INTEGRATED DOSES

		DISTANCE						
SECTOR		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.

		DISTANCE						
SECTOR		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
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		
		NC		
		I		
		P		

OFF-SITE PROTECTIVE ACTIONS

PROTECTIVE ACTION RECOMMENDATIONS



Figure 2J

EVACUATION ZONES SHOWING PROTECTIVE ACTION ORDERS



SHELTER



EVACUATE

ZONE(S)

ACTION

**CENTRAL
TIME**

PROTECTIVE ACTION ORDERS

ZONE(S)

ACTION

**CENTRAL
TIME**

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
<input type="checkbox"/>	RECOVERY MANAGER	_____	_____
<input type="checkbox"/>	ADMINISTRATIVE SUPPORT DIRECTOR	_____	_____
<input type="checkbox"/>	ENGINEERING & LICENSING SUPPORT DIRECTOR	_____	_____
<input type="checkbox"/>	DOSE ASSEMENT DIRECTOR	_____	_____
<input type="checkbox"/>	PUBLIC INFORMATION SITE COORDINATOR	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

MESSAGE: _____

RESPONSE: _____

RESPONSE BY: _____

RESPONSE TRANSMITTED BY: _____

DATE: _____
 TIME: _____ CENTRAL

FIGURE 3. EOF Incoming Message Record

EMERGENCY COMMUNICATIONS LOG

[illegible]

FIGURE 4. Emergency Communications Log

DOSE PROJECTION UPDATE

<input type="checkbox"/> TRANSMIT TO:	TRANSMITTED (Central Time) (Initials)	MESSAGE NO. DPU- PG. _____ OF _____ DATE _____/_____/_____ PREPARED BY: _____ TRANSMITTAL AUTHORIZED BY: _____
() NRC	_____	
() ALA RAD HEALTH, MONTGOMERY	_____	
() HOUSTON CO. CEOC	_____	
() EARLY CO. CEOC	_____	
() HOUSTON CO. RAD HEALTH	_____	
() _____	_____	
() _____	_____	
() _____	_____	

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 _____ μ Ci/cc Noble gas,
_____ μ Ci/cc iodine, obtained from:

- () Stack Monitor
() Stack Sample
() Offsite Monitoring

Flow Rate is _____ CFM; Release Rate is _____ μ Curies/sec Noble Gas;
_____ μ Curies/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 (μ Ci/ml) x 471.9 ml/sec/CFM

Figure 5. Dose Projection Update Message

EMERGENCY CLASS/PROTECTIVE ACTIONS/ASSISTANCE UPDATE

<input type="checkbox"/> TRANSMIT TO:	TRANSMITTED		MESSAGE NO. EMU-
	(Central Time)	(Initials)	PG. _____ OF _____
() NRC	_____	_____	DATE _____/_____/_____
() ALA RAD HEALTH, MONTGOMERY	_____	_____	PREPARED BY: _____
() HOUSTON CO. CEOC	_____	_____	TRANSMITTAL AUTHORIZED BY: _____
() EARLY CO. CEOC	_____	_____	
() HOUSTON CO. RAD HEALTH	_____	_____	
() _____	_____	_____	
() _____	_____	_____	
() _____	_____	_____	

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

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

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

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

☐ Recommended emergency actions/protective measures are changed

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

☐ Requested offsite assistance is changed to

OFFSITE MONITORING UPDATE

☐ TRANSMIT TO:TRANSMITTED
(Central Time) (Initials)

MESSAGE NO. OMU-

PG. _____ OF _____

DATE _____/_____/_____

PREPARED BY: _____

TRANSMITTAL AUTHORIZED BY: _____

() NRC
 () ALA RAD HEALTH, MONTGOMERY
 () HOUSTON CO. CEOC
 () EARLY CO. CEOC
 () HOUSTON CO. RAD HEALTH
 () _____
 () _____
 () _____

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:

- () NRC
- () ALA RAD HEALTH, MONTGOMERY
- () HOUSTON CO. CEOC
- () EARLY CO. CEOC
- () HOUSTON CO. RAD HEALTH
- () _____
- () _____
- () _____

TRANSMITTED
(Central Time) (Initials)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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 μ Ci/cc Noble gas
_____ E μ Ci/cc Iodine
_____ E μ Ci/cc _____
(isotope/form)

☐ (Other) _____

METEOROLOGY UPDATE

<input type="checkbox"/> TRANSMIT TO:	TRANSMITTED (Central Time) (Initials)	MESSAGE NO. MET- PG. _____ OF _____ DATE _____ / _____ / _____ PREPARED BY: _____ TRANSMITTAL AUTHORIZED BY: _____
() NRC	_____	
() ALA RAD HEALTH, MONTGOMERY	_____	
() HOUSTON CO. CEOC	_____	
() EARLY CO. CEOC	_____	
() HOUSTON CO. RAD HEALTH	_____	
() _____	_____	
() _____	_____	
() _____	_____	

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
-1.74 to -1.56
-1.56 to -1.38
-1.38 to -0.46
-0.46 to 1.38
1.38 to 3.6
> 3.6

() A
() B
() C
() D
() E
() F
() G

() A
() B
() C
() D
() E
() F
() 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

METEOROLOGY FORECAST/STABILITY CLASS PREDICTION UPDATE

<input type="checkbox"/> TRANSMIT TO:	TRANSMITTED		MESSAGE NO. MFU-
	(Central Time)	(Initials)	PG. _____ OF _____
() NRC	_____	_____	DATE _____/_____/_____
() ALA RAD HEALTH, MONTGOMERY	_____	_____	PREPARED BY: _____
() HOUSTON CO. CEOC	_____	_____	TRANSMITTAL AUTHORIZED BY: _____
() EARLY CO. CEOC	_____	_____	
() HOUSTON CO. RAD HEALTH	_____	_____	
() _____	_____	_____	
() _____	_____	_____	
() _____	_____	_____	

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

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

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

EOF OUTGOING MESSAGE

☐ TRANSMIT TO:TRANSMITTED
(Central Time) (Initials)MESSAGE NO. GEN-
PG. _____ OF _____
DATE _____ / _____ / _____
PREPARED BY: _____
TRANSMITTAL AUTHORIZED BY: _____

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

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

GO-EIP-117

[illegible]

Rev. 0

