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November 27, 2001
LIC-01-0121

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Reference: Docket No. 50-285

SUBJECT: Transmittal of Changes to Emergency Plan Implementing Procedures (EPIP)

In accordance with 10 CFR 50.54(q), 10 CFR 50, Appendix E, Section V, and 10 CFR 50.4(b)(5), please find EPF change packages enclosed for the Document Control Desk (holder of Copy 165) and the NRC Emergency Response Coordinator (holder of Copies 154 and 155).

The document update instructions and summary of changes are included on the Confirmation of Transmittal (Form EP-1) form attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by January 15, 2002.

The revised documents included in the enclosed package are:

EPIP Index Page 2 of 2 issued 11/15/01
EPIP-RR-25 R20 issued 11/15/01

If you have any questions regarding the enclosed changes, please contact Carl Simmons at (402) 533-6430.

Sincerely,

S. K. Gambhir
Division Manager
Nuclear Operations

SKG/ash

Handwritten: A045
2/20/2

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LIC-01-0121

Page 2

Enclosures

- c: T. H. Andrews, Emergency Response Coordinator (2 sets)
- Alan Wang, NRC Project Manager (w/o enclosures)
- W. C. Walker, NRC Senior Resident Inspector (w/o enclosures)
- Winston & Strawn (w/o enclosures)

EMERGENCY PLAN IMPLEMENTING PROCEDURE INDEX

EPIP-RR-17	TSC Security Coordinator Actions	R14 04-04-01
EPIP-RR-17A	TSC Administrative Logistics Coordinator Actions	R19 07-23-01
EPIP-RR-19A	Operations Liaison Actions	R5 10-07-99
EPIP-RR-21	Operations Support Center Director Actions	R12 09-23-99
EPIP-RR-21A	Maintenance Coordinator Actions	R4 11-30-99
EPIP-RR-22	Protective Measures Coordinator/Manager Actions	R21 07-02-01
EPIP-RR-22A	Chemistry Coordinator Actions	R5 02-29-00
EPIP-RR-25	EOF Dose Assessment Coordinator Actions	R20 11-15-01
EPIP-RR-28	OSC Accountability and Dosimetry Technician Actions	R8 09-25-01
EPIP-RR-29	EOF Administrative Logistics Manager Actions	R19 03-13-01a
EPIP-RR-39	Control Room Medical Responder Actions	R0 03-27-01
EPIP-RR-63	EOF Dose Assessment Assistant Actions	R9 07-02-01
EPIP-RR-66	Communication Specialist Actions	R8 08-31-99
EPIP-RR-72	Field Team Specialist Actions	R12 02-29-00a
EPIP-RR-87	Radiation Protection Coordinator Actions	R7 08-24-00
EPIP-RR-90	EOF/TSC CHP Communication Actions	R0 10-24-00

WP8

Fort Calhoun Station
Unit No. 1

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EPIP-RR-25

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: EOF DOSE ASSESSMENT COORDINATOR ACTIONS

FC-68 Number: EC 28123

Reason for Change: Revise Attachment 6.2 to clarify intent.

Requestor: M. Reller

Preparer: M. Reller

ISSUED: 11-15-01 3:00 pm

R20

EOF DOSE ASSESSMENT COORDINATOR ACTIONS

NON SAFETY RELATED

1. PURPOSE

1.1 This procedure provides guidance to the EOF Dose Assessment Coordinator for performing actions in response to an emergency at Fort Calhoun Station.

2. REFERENCES/COMMITMENT DOCUMENTS

2.1 EPIP-EOF-6, Dose Assessment

2.2 EPIP-EOF-7, Protective Action Guidelines

2.3 EPIP-EOF-21, Potassium Iodide Issuance

2.4 EPIP-EOF-11, Dosimetry Records, Exposure Extensions and Habitability

2.5 FC-EPF-6, Estimated Exposure Worksheet

2.6 Commitment Documents

- AR 13302, IER-92-20

3. DEFINITIONS

None

4. PREREQUISITES

None

5. PROCEDURE

5.1 The EOF Dose Assessment Coordinator will use Attachment 6.1 as an aid to completing required actions.

NOTE: When needed, perform dose assessments and updates to the states at least every 60 minutes. It is the goal of the Fort Calhoun Station to attempt to provide assessments and updates at 15 minute intervals. (AR 13302)

5.2 Use Attachment 6.2 as guidance in comparing Field Team data to dose assessment data.

- 5.3 Review the procedure and appropriate checklists, and accomplish the applicable steps both upon initial activation and periodically, as required, thereafter.
- 5.4 Retain all documentation (logs, calculation sheets, notes, etc.) generated or used during the emergency. At the termination, deliver all documentation to the Administrative Logistics Manager in the EOF.

6. ATTACHMENTS

- 6.1 EOF Dose Assessment Coordinator Checklist
- 6.2 Comparison of Field Team Data to Dose Assessment Data

Maintain a log of all key activities

	(✓)	<u>INIT/TIME</u>
1. Upon arrival:		
1.1 Sign in on Security Roster	_____	
1.2 Put on Personnel Identification badge	_____	_____ / _____
NOTE: If dose assessment is being performed at the EOF, proceed to Step 5. Otherwise continue with Step 2.		
2. Instruct EOF Dose Assessment Specialist to:		
2.1 Determine on-site dose assessment status.	_____	
2.2 Ensure that the EOF has a hard copy of all dose assessments.	_____	
2.3 Ensure that at least one EOF EAGLE machine is functional.	_____	
2.4 Stand by for transfer of dose assessment to the EOF.	_____	_____ / _____
3. Review the dose assessments to ensure proper response has been taken.		_____ / _____
4. If required, direct transfer of dose assessment from the plant to the EOF:		
4.1 Determine when the transfer of Command and Control will take place (ask the Protective Measures Manager or Emergency Director).	_____	
4.2 If possible coordinate the dose assessment transfer with the transfer of Command and Control.	_____	
4.3 Inform EOF Dose Assessment Specialist of time of transfer of Command and Control.	_____	
4.4 Ensure coordination of dose assessment transfer between on-site Dose Assessment Specialist and EOF Dose Assessment Specialist.	_____	

Attachment 6.1
(continued)

(✓)

INIT/TIME

4.5 Upon transfer ensure EOF Dose Assessment Specialist properly understands and assume his duties.

____ / _____

NOTE: If Field Team direction is not yet at the EOF, check with the TSC Protective Measures Manager to determine their status.

5. Determine status of Field Teams from the EOF Field Team Specialist.

____ / _____

6. Keep the Protective Measure Manager abreast of the status of dose assessment and the Field teams.

____ / _____

7. As data becomes available perform dose assessment and Field Team comparisons. Use attachment 6.2.

____ / _____

8. Contact the National Weather Service to obtain a 24 hour forecast.

8.1 Determine the potential impact on dose assessment.

8.2 Determine the potential impact to the Field Teams.

____ / _____

9. As required, provide Radiological information to:

9.1 The states/counties using the Conference Health Physics (CHP) Network or commercial line as a backup.

9.2 The NRC using the Health Physics Network (HPN) or commercial line as a backup.

____ / _____

10. If required, coordinate protective measures for Field Teams use:

- EPIP-EOF-21, Potassium Iodide Issuance
- EPIP-EOF-11, Dosimetry Issuance, Extensions and Habitability
- FC-EPF-6, Estimated Exposure Worksheet

____ / _____

11. As required, provide a detailed briefing to your relief covering:

- Emergency conditions
- Actions taken (current status)

____ / _____

Attachment 6.2 - Comparison of Field Team Data to Dose Assessment Data

Page 1 of 2

NOTE: This guideline should be used when Field Team data becomes available, to determine if dose projections match actual Field Team measurements. Based on these comparisons, the proper decision-makers may adjust Protective Action Recommendations (PARs) and Emergency Action Levels (EAL) accordingly.

1. Obtain an FC-EPF-27 Form(s).

1.1 Record the following data:

- Date
- Time

1.2 From the Field Team Specialist determine and record:

- Field Team Location
- Approximate distance from site
- Waist level dose rate (Rem/Hr) as reported by the Field Team
- Iodine Concentration ($\mu\text{Ci}/\text{cc}$) as reported by the Field Team

1.3 Using an EAGLE workstation:

- From the EAGLE main menu select "Output Menu"
- From the Plume Segment Screen enter the correct plume segment number, click "OK"
- Click "Display Field Team Data"
- Select the Proper Sector

1.4 Printing

- Open and minimize Microsoft Word
- Simultaneously hit the "Alt" and "Print Screen" buttons
- Maximize Microsoft Word
- Click "Edit" from the selection bar
- Click "Paste"
- Click "File"
- Click "Print"
- Click "OK"

Attachment 6.2
(continued)

1.5 Recording Data

- From the EAGLE print out find the data point that most coordinates with the Field Team data
- Record on the FC-EPF-27
 - The projected Field Team (Rem/Hr)
 - The projected Iodine 131 ($\mu\text{Ci}/\text{cc}$)

1.6 Compare data and discuss any potential PAR correction with the Protective Measures Manager/Coordinator.