



444 South 16th Street Mall  
Omaha NE 68102-2247

September 15, 2003  
LIC-03-0128

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

Reference: Docket No. 50-285

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

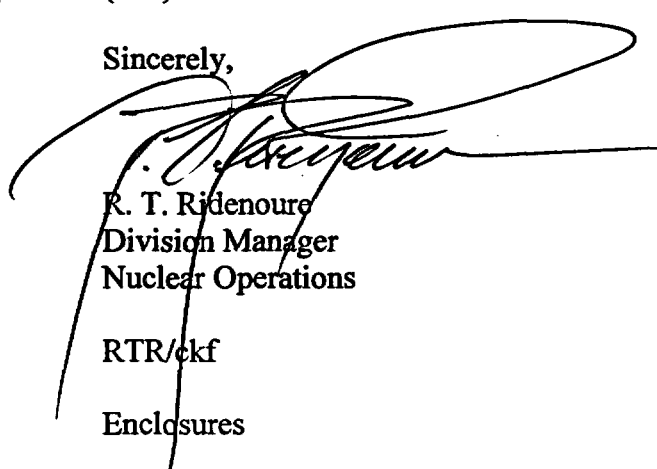
In accordance with 10 CFR 50.54(q), 10 CFR 50, Appendix E, Section V, and 10 CFR 50.4(b)(5), please find EPIP change packages enclosed for the Document Control Desk (holder of Copy 165) and the NRC Region IV Plant Support Branch Secretary (holder of Copies 154 and 155).

The document update instructions and summary of changes are included on the Confirmation of Transmittal form (Form EP-1) attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by November 7, 2003.

The revised documents included in the enclosed package are:  
EPIP Index page 2 of 3 issued 09/09/03  
EPIP-RR-22 R23 issued 09/09/03

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

Sincerely,



R. T. Ridenoure  
Division Manager  
Nuclear Operations

RTR/ckf

Enclosures

c: NRC Region IV Plant Support Branch Secretary (2 sets)  
Alan Wang, NRC Project Manager (w/o enclosures)  
J. G. Kramer, NRC Senior Resident Inspector (w/o enclosures)  
Emergency Planning Department (w/o enclosures)

OMAHA PUBLIC POWER DISTRICT

Confirmation of Transmittal for  
Emergency Planning Documents/Information

<input type="checkbox"/> Radiological Emergency Response Plan (RERP)	<input checked="" type="checkbox"/> Emergency Plan Implementing Procedures (EPIP)	<input type="checkbox"/> Emergency Planning Forms (EPF)
<input type="checkbox"/> Emergency Planning Department Manual (EPDM)	<input type="checkbox"/> Other Emergency Planning Document(s)/ Information	

Transmitted to:

Name: Document Control Desk Copy No: 165 Date: \_\_\_\_\_  
Division of Reactor Safety Copy No: 154  
Attn: Senior Emergency Preparedness Inspector  
Division of Reactor Safety Copy No: 155  
Attn: Senior Emergency Preparedness Inspector

The following document(s) / information are forwarded for your manual:

REMOVE SECTION

EPIP Index page 2 of 3 issued 08/28/03  
EPIP-RR-22 R22 issued 50/15/03

INSERT SECTION

EPIP Index page 2 of 3 issued 09/09/03  
EPIP-RR-22 R23 issued 09/09/03

Summary of Changes:

EPIP-RR-22 was revised to allow the Protective Measures Manager/Coordinator to sign dose assessment reports if all projections are below the actions required in EPIP-EOF-7 and/or no PAR changes is required or there has not been a significant change from the previous plume segment; thus reducing the number of interruptions that the Command and Control faces during the event.

*Ronald E. May*  
FOR Supervisor - Emergency Planning

I hereby acknowledge receipt of the above documents/information and have included them in my assigned manuals.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please sign above and return by to: 11/07/03

Beth Nagel  
Fort Calhoun Station, FC-2-1  
Omaha Public Power District  
444 South 16<sup>th</sup> Street Mall  
Omaha, NE 68102-2247

NOTE: If the document(s)/information contained in this transmittal is no longer requested or needed by the recipient, or has been transferred to another individuals, please fill out the information below.

- ☐ Document(s)/Information No Longer Requested/Needed  
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Name: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

Document	Document Title	Revision/Date
EPIP-EOF-19	Recovery Actions	R8 07-17-03
EPIP-EOF-21	Potassium Iodide Issuance	R4 11-07-00
EPIP-EOF-23	Emergency Response Message System	R5 10-12-99
EPIP-EOF-24	EOF Backup Alert Notification System Activation	R3 09-09-99
EPIP-RR-11	Technical Support Center Director Actions	R14 02-29-00a
EPIP-RR-13	Reactor Safety Coordinator Actions	R14 12-09-99a
EPIP-RR-17	TSC Security Coordinator Actions	R15 12-10-02a
EPIP-RR-17A	TSC Administrative Logistics Coordinator Actions	R20 11-07-02a
EPIP-RR-19A	Operations Liaison Actions	R6 04-15-03a
EPIP-RR-21	Operations Support Center Director Actions	R13 08-28-03
EPIP-RR-21A	Maintenance Coordinator Actions	R4 11-30-99a
EPIP-RR-22	Protective Measures Coordinator/Manager Actions	R23 09-09-03
EPIP-RR-22A	Chemistry Coordinator Actions	R6 12-07-01
EPIP-RR-25	EOF Dose Assessment Coordinator Actions	R21 05-15-03
EPIP-RR-28	OSC Accountability and Dosimetry Technician Actions	R8 09-25-01a

Fort Calhoun Station  
Unit No. 1

**Distribution Authorized**

This procedure does not contain any proprietary information, or such information has been censored. This issue may be released to the public document room. Proprietary information includes personnel names, company telephone numbers, and any information, which could impede emergency response.

**EPIP-RR-22**

**EMERGENCY PLAN IMPLEMENTING PROCEDURE**

**Title: PROTECTIVE MEASURES COORDINATOR / MANAGER ACTIONS**

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**FC-68 Number: EC 32651**

**Reason for Change:** This change will allow the Protective Measures Manager/Coordinator to sign dose assessment reports if all projections are below the actions required in EPIP-EOF-7 and/or no PAR change is required or there has not been a significant change from the previous plume segment. Thus reducing the number of interruptions that the Command and Control faces during the event.

**Requestor: M. Reller**

**Preparer: M. Reller**

PROTECTIVE MEASURES COORDINATOR / MANAGER ACTIONS

NON-SAFETY RELATED

1. PURPOSE

- 1.1 This procedure provides guidance to the Protective Measures Coordinator and the Protective Measures Manager 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 EPIP-TSC-1, Activation of the Technical Support Center
- 2.6 FC-EPF-6, Estimated Exposure Worksheet
- 2.7 CR 199500262
- 2.8 Commitment (Other than Ongoing)
- AR 13302, IER-92-20, Closed
  - AR 11809, LIC-91-189R, Closed
  - AR 13301, IER-92-20, Closed

3. DEFINITIONS

None

4. PREREQUISITES

None

**5. PROCEDURE**

**NOTE:** When needed, complete 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)

- 5.1 The Protective Measures Coordinator will use Attachment 6.1 as an aid to completing required actions.**
- 5.2 The Protective Measures Manager will use Attachment 6.2 as an aid to completing required actions.**
- 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, or the TSC Administrative Logistics Coordinator in the TSC.**

**6. ATTACHMENTS**

- 6.1 Protective Measures Coordinator Checklist**
- 6.2 Protective Measures Manager Checklist**

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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**Attachment 6.1 - Protective Measures Coordinator Checklist**

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**Maintain a log of all key activities**

**✓**

**INIT/TIME**

**NOTE:** Actions taken may be performed out of sequence based on judgement of the user.

**1. Upon arrival:**

**1.1 Obtain worker packet**

\_\_\_\_\_

**1.2 Put on Personnel Identification badge**

\_\_\_\_\_

**1.3 Assist in activation of the TSC per EPIP-TSC-1**

\_\_\_\_\_ / \_\_\_\_\_

**2. Interface with:**

**2.1 Control Room Dose Assessment Specialist to determine Status of dose assessment.**

**2.2 OSC Radiation Protection Coordinator:**

- to determine plant radiological conditions
- to coordinate response efforts

**2.3 Field Teams to brief and assign duties.**

**3. Keep the Site Director/TSC Director informed on the status of:**

**3.1 In-plant response**

**3.2 Dose Assessment**

**3.3 Field Team response**

**3.4 Plant radiological conditions**

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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**Attachment 6.1  
(continued)**

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**INIT/TIME**

4. Assess any planned or imminent releases for potential impact to the public.

**NOTE:** CHP Communicator may perform this task.

- 4.1 Prior to starting any release notify (use the CHP or commercial phone line):

- Nebraska Emergency Management Agency
- Nebraska Department of Health R&L
- Iowa Emergency Management Division
- Iowa Department of Public Health

5. If a release is in progress or suspected and the release path is not immediately known: **[AR 11809]**

- 5.1 Request an that assessment team (i.e., Operations, engineering, dose assessment personnel) be assigned by the Site Director or TSC Director.

- 5.2 Coordinate with the team to ensure they:

- Verify that a release is actually in progress
- Determine the source and release path of any release
- Report team findings to the appropriate position



Attachment 6.1  
(continued)

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INIT/TIME

**NOTE:** Although it is the Command and Control Position's duty to ensure that the Emergency Notification Forms (FC-1188) are accurate, approved and issued per the requirements of EPIP-OSC-2, your position should assist in ensuring that these requirements are met.

6. If Command and Control is in the TSC update the states and counties as follows:

**NOTE:** If dose assessment is being performed in another facility and Command and Control is in the TSC, have the PAR Worksheet and Update Report for Offsite Authorities faxed to the TSC for approval.

6.1 Dose assessment is being performed:

- 6.1.1 Review the current PAR Worksheet form.
- 6.1.2 Assign PARs per EPIP-EOF-7.
- 6.1.3 Review the classification level and prognosis if:
  - Dose projections are below all action levels as stipulated in EPIP-EOF-7
  - The current dose assessment reflects no PAR change
  - There are no significant changes from previous assessments

You may approve and sign the Update Report to Offsite Authorities and the PAR's Worksheet. However, you must keep the Command and Control position updated on the Status of dose assessment on a timely basis.

- 6.1.4 If needed, forward to Site Director for approval.
- 6.1.5 Ensure that the Update Report for Offsite Authorities is faxed to the states.
- 6.1.6 As requested, if a classification and/or a PAR change is required assist in initiating Emergency Notification Form (FC-1188).

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**Attachment 6.1  
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**INIT/TIME**

**6.2 If dose assessment is not being performed:**

**6.2.1 As requested, assist the Command and Control Position in completing an Emergency Notification Form (FC-1188).**

**6.2.2 As requested, forward the approved Emergency Notification Form to the COP Communicator for state/county updates.**

**7. Ensure the COP Communicator properly updates the Radiological Status Board. (AR 13301)**

**NOTE: Do not activate the Health Physics Network (HPN) until requested to do so by the NRC.**

**NOTE: You or a designee may be required to assist the CHP Communicator.**

**8. Ensure that the CHP Communicator is providing radiological information to:**

**8.1 The states using the Conference Health Physics (CHP) network or commercial line as a backup.**

\_\_\_\_\_

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

\_\_\_\_\_ / \_\_\_\_\_

**9. If required, coordinate the protective measures process for in-plant teams and Field Teams use:**

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

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

- Emergency conditions
- Actions taken (current status)

\_\_\_\_\_ / \_\_\_\_\_

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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**Attachment 6.2 - Protective Measures Manager Checklist**

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**Maintain a log of all key activities**

**✓**

**INIT/TIME**

**NOTE:** Actions taken may be performed out of sequence based on judgement of the user.

**1. Upon arrival:**

**1.1 Sign in on Security Roster**

\_\_\_\_\_

**1.2 Put on Personnel Identification badge**

\_\_\_\_\_

\_\_\_\_\_/\_\_\_\_\_

**2. Interface with:**

**2.1 The EOF Dose Assessment Coordinator or the TSC Protective Measures Coordinator to determine:**

- Status of dose assessment
- Status of and actions taken by Field Teams

**2.2 The TSC Protective Measures Coordinator to determine:**

- Onsite radiological conditions
- In-plant teams actions

**3. Report your findings from Step 2 to the Emergency Director.**

**NOTE:** The MRC Technical Liaison need not report to the EOF if MRC is being activated and may be briefed by telephone.

**4. Brief the Site Representative and MRC Technical Liaison on the following:**

- The event
- Status of the plant
- Radiological concerns
- PAR's given to the states

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**4.1 Instruct the Site Representative to obtain his worker package.**

\_\_\_\_\_

**4.2 If conditions warrant, dispatch the Site Representative to the Iowa State EOC.**

\_\_\_\_\_

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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**Attachment 6.2  
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**✓      INIT/TIME**

**4.3    If the MRC is being activated, dispatch the MRC Technical Liaison.**

**\_\_\_\_\_ / \_\_\_\_\_**

**5.    Assess any planned or imminent releases for potential impact to the public.**

**NOTE:** If representatives of the following agencies are in the EOF you or a designee may talk to them directly.

**NOTE:** CHP Communicator may perform this task.

**5.1    Prior to starting any release notify (use the CHP or commercial phone line):**

- Nebraska Emergency Management Agency
- Nebraska Department of Health R&L
- Iowa Emergency Management Division
- Iowa Department of Public Health

**6.    Upon concurrence of Emergency Director and the Dose Assessment staff initiate actions to transfer dose assessment to the EOF.**

**\_\_\_\_\_ / \_\_\_\_\_**

Attachment 6.2  
(continued)

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INIT/TIME

**NOTE:** Although it is the Command and Control Position's duty to ensure that the Emergency Notification Forms (FC-1188) are accurate, approved and issued per the requirements of EPIP-OSC-2, your position should assist in ensuring that these requirements are met.

7. If Command and Control is in the EOF update the states and counties as follows:

**NOTE:** If dose assessment is being performed in another facility and Command and Control is in the EOF, have the PAR Worksheet and Update Report for Offsite Authorities faxed to the EOF for approval.

7.1 If dose assessment is being performed:

7.1.1 Review the current PAR Worksheet form.

7.1.2 Assign PARs per EPIP-EOF-7.

7.1.3 Review the classification level and prognosis if:

- Dose projections are below all action levels as stipulated in EPIP-EOF-7
- The current dose assessment reflects no PAR change
- There are no significant changes from previous assessments

You may approve and sign the Update Report to Offsite Authorities and the PAR's Worksheet. However, you must keep the Command and Control position updated on the Status of dose assessment on a timely basis.

7.1.4 If needed, forward to Command and Control position for approval.

7.1.5 Ensure that the Update Report for Offsite Authorities is faxed to the states.

7.1.6 As requested, if a classification and/or a PAR change is required assist in initiating Emergency Notification Form (FC-1188).

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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**INIT/TIME**

**7.2 If dose assessment is not being performed:**

**7.2.1 As requested, assist the Command and Control Position in completing an Emergency Notification Form (FC-1188).**

**7.2.2 As requested, forward the approved Emergency Notification Form to the COP Communicator for state/county updates.**

**8. Ensure the COP Communicator properly updates the PAR Status Board. [AR 13301]**

**\_\_\_\_\_ / \_\_\_\_\_**

**NOTE: Do not activate the Health Physics Network (HPN) until requested to do so by the NRC.**

**NOTE: You or a designee may be required to assist the CHP Communicator.**

**9. Ensure that the CHP Communicator is providing radiological information to:**

**9.1 The states 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 guidance for the protective measures process use:**

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

**11. Provide periodic updates on radiological conditions to:**

- **Emergency Director**
- **EOF Staff**
- **State Representatives (at the EOF)**

**FORT CALHOUN STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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12. If the states request, call in OPPD environmental personnel.

\_\_\_\_\_ / \_\_\_\_\_

13. If the plant is evacuated, coordinate the arrival of evacuees with the  
EOF Administrative Logistics Manager.

\_\_\_\_\_

13.1 If required, evaluate the evacuated site population exposure  
using FC-EPF-6.

\_\_\_\_\_ / \_\_\_\_\_

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

- Emergency conditions
- Actions taken (current status)

\_\_\_\_\_

\_\_\_\_\_ / \_\_\_\_\_