



444 South 16th Street Mall
Omaha NE 68102-2247

July 9, 2003
LIC-03-0096

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 EPIP 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 August 18, 2003.

The revised documents included in the enclosed package are:

EPIP Index 1 Page issued 6/19/03
EPIP-TSC-1 R24 issued 6/19/03

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

Sincerely,


R. L. Phelps
Division Manager
Nuclear Engineering

RLP/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)

A045

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 1 of 3 issued 05/28/03
EPIP TSC-1 R23 issued 10/29/02

INSERT SECTION

EPIP Index page 1 of 3 issued 06/19/03
EPIP TSC-1 R24 issued 06/19/03

Summary of Changes:

EPIP TSC-1 was revised to add instructions to card in on accountability reader to ensure accountability.


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 08/15/03 to:

Beth Nagel
Fort Calhoun Station, FC-2-1
Omaha Public Power District
444 South 16th 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

☐ Document(s)/Information Transferred to:

Name: _____ Mailing Address: _____

Document	Document Title	Revision/Date
EPIP-OSC-1	Emergency Classification	R35 05-02-02
EPIP-OSC-2	Command and Control Position Actions/Notifications	R42 05-28-03
EPIP-OSC-9	Emergency Team Briefings	R7 12-09-99
EPIP-OSC-15	Communicator Actions	R22 10-24-00a
EPIP-OSC-21	Activation of the Operations Support Center	R12 10-29-02a
EPIP-TSC-1	Activation of the Technical Support Center	R24 06-19-03
EPIP-TSC-2	Catastrophic Flooding Preparations (R0 03-22-95) DELETED (05-09-95) REINSTATED	R3 01-23-03
EPIP-TSC-8	Core Damage Assessment	R14 01-19-01
EPIP-EOF-1	Activation of the Emergency Operations Facility	R13 10-29-02
EPIP-EOF-3	Offsite Monitoring	R18 11-12-02
EPIP-EOF-6	Dose Assessment	R32 01-23-02a
EPIP-EOF-7	Protective Action Guidelines	R14 04-15-03
EPIP-EOF-10	Warehouse Personnel Decontamination Station Operation	R10 01-13-00a
EPIP-EOF-11	Dosimetry Records, Exposure Extensions and Habitability	R19 04-03-03

Fort Calhoun Station
Unit No. 1

EPIP-TSC-1

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: ACTIVATION OF THE TECHNICAL SUPPORT CENTER

FC-68 Number: EC 32588

Reason for Change: Add instructions to card in on accountability reader, to ensure accountability.

Requestor: M. Reller

Preparer: M. Reller

ACTIVATION OF THE TECHNICAL SUPPORT CENTER

NON-SAFETY RELATED

1. PURPOSE

- 1.1 This procedure provides a checklist to provide guidance for activation and deactivation of the Technical Support Center (TSC).

2. REFERENCES/COMMITMENT DOCUMENTS

None

3. DEFINITIONS

- 3.1 Activated - minimum staffing and basic setup requirements have been attained to allow the TSC to provide limited support to the Control Room.
- 3.2 Augmented - A facility is augmented when all augmenting and minimum staffing positions are filled.

4. PREREQUISITES

None

5. PROCEDURE

NOTE: The Site Director or TSC Director is responsible for completion of this procedure. They may assign this task to other members of the TSC staff.

- 5.1 Upon reporting to the TSC, activate the TSC using Attachment 6.1.
- 5.2 Upon event termination, deactivate the TSC per Attachment 6.2.

6. ATTACHMENTS

- 6.1 Checklist for Activation of the TSC
- 6.2 Checklist for Deactivation of the TSC
- 6.3 Activation/Deactivation of the TSC Air and Area Radiation Monitors
- 6.4 Operation of the TSC HVAC System

FORT CALHOUN STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-TSC-1
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Attachment 6.1 - Checklist For Activation of the TSC

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NOTE: It is the goal of Omaha Public Power District (OPPD) to activate the TSC within one hour following declaration of an Alert or higher classification. In the event of adverse weather and/or other conditions that may limit or slow response, either manmade or natural, it is understood that staffing time may exceed this goal.

- | | (✓) | INIT/TIME |
|--|-----|-----------|
| 1. Contact the Control Room to determine if there is a toxic gas threat in the vicinity of Fort Calhoun Station. | | |
| 1.1 If YES, secure the TSC HVAC system per Attachment 6.4, Step 3. | | |
| 1.2 If NO, place the TSC HVAC System in the FILTERED MODE per Attachment 6.4, Step 1. | | |
| 2. Verify the following minimum staffing positions are available. | | |
| • Site Director | | |
| • Protective Measures Coordinator | | |
| • TSC COP Communicator | | |
| • Reactor Safety Coordinator | | |
| 3. Ensure that the volume buttons on both Gai-tronics are turned up. | | |
| 4. Using the Gai-Tronics, announce the following message: | | |
| 4.1 "Attention all personnel. . .Attention all personnel. . ., This is (Insert name and position), all Emergency Response personnel ensure that you have picked up your TLD, carded into the Accountability Card Reader and signed in on the Accountability Roster for your facility." | | |
| 4.2 Repeat the message above. | | |
| 5. Open all TSC room doors. | | |
| 6. Post "NO EATING/DRINKING/SMOKING OR CHEWING" signs in the TSC Room 115 and near the entrance door. | | |
| 7. In Room 118, unlock the aperture card file using the key from the key box, and turn on the aperture card reader/printer. | | |

FORT CALHOUN STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-TSC-1
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Attachment 6.1 (continued)

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(✓)

INIT/TIME

8. When Steps 2 through 7 are complete, make the following announcement on the TSC PA system:

This is (insert name and position) the TSC is activated. Command and Control for the emergency is in the name of facility at this time. No eating, drinking, smoking or chewing is allowed in the TSC until further notice.

_____/

9. Notify the Control Room, OSC and EOF that the TSC is activated.

_____/

10. Verify radiological habitability per EPIP-EOF-11.

_____/

11. Initiate operation of the TSC Air Monitor and Area Radiation Monitor - per Attachment 6.3.

_____/

12. Within one hour of the initial emergency declaration, verify the following augmenting staff are present:

- Field Teams (2 Technicians, 2 Drivers)
- I&C/Electrical Systems Engineer
- Operations Liaison
- Primary System Engineer

13. After one hour determine TSC positions are filled.

- 13.1 If any positions are not filled, based on the nature of the emergency determine if that position is required.

- 13.2 Request assistance from the TSC staff in contacting additional staff.

_____ / _____

**FORT CALHOUN STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

**EPIP-TSC-1
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Attachment 6.2 - Checklist for Deactivation of the TSC

Upon termination of emergency activities, the following actions should be completed to restore the TSC:

- | | <u>INIT/TIME</u> |
|--|------------------|
| ● Place emergency kits in the Emergency Gear Locker. | _____/_____
↓ |
| ● Properly restore all computer systems to their standby mode. | _____/_____
↓ |
| ● Turn off the writeboard system. | _____/_____
↓ |
| ● Deactivate the TSC Air Monitor and Area Radiation Monitor per Attachment 6.3. | _____/_____
↓ |
| ● Place the TSC HVAC System in the NORMAL MODE per Attachment 6.4, Step 2. | _____/_____
↓ |
| ● Remove all posted signs within the TSC. | _____/_____
↓ |
| ● Turn in all logs, paperwork, procedures, etc. to the Administrative Logistics Coordinator. | _____/_____
↓ |
| ● Turn off the aperture card reader/printer, and relock the aperture card file. | _____/_____
↓ |
| ● Restock all Emergency Kits | _____/_____
↓ |
| ● Relock all room doors. | _____/_____
↓ |

Attachment 6.3 - Activation/Deactivation of the TSC Air and Area Radiation Monitors

- | | (✓) | <u>INIT/TIME</u> |
|---|-------|------------------|
| 1. To activate the Air and Area Radiation Monitors, perform the following: | | |
| 1.1 Enter Room 109 (the ERF computer system room). | _____ | |
| 1.2 Plug in and turn on the Area Radiation Monitor as necessary. | _____ | |
| 1.3 Plug in and turn on the PING Monitor as necessary. | _____ | |
| 1.4 Allow the PING to stabilize for several minutes, clearing the initial alarms as necessary. | _____ | |
| 1.5 Check both units on a routine basis during the emergency to ensure habitability is being maintained. | _____ | |
| 1.6 If either monitor alarms at any time during startup or operation, perform the following: | | |
| 1.6.1 Reset the alarm by pressing the reset/acknowledge button. | _____ | |
| 1.6.2 If alarm resounds, read the affected meter and call a Radiation Protection Technician for further instructions. | _____ | / |
| 2. To deactivate the Air and Area Radiation Monitors, perform the following: | | |
| 2.1 Obtain permission from the Radiological Operations Coordinator to secure this equipment. | _____ | |
| 2.2 If permission is granted, unplug both units. | _____ | |
| 2.3 If permission is not granted, leave equipment operating and inform the Control Room. | _____ | / |

**FORT CALHOUN STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

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Attachment 6.4 - Operation of the TSC HVAC System

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(✓)

INIT/TIME

1. Placing the TSC HVAC in the FILTERED MODE.

- 1.1 On panel AI-200A (in TSC Room 109) ensure the Air Handler, VA-107 is ON as indicated by the red light above the VA-107, TSC Ventilation Unit Fan Start/Stop Pushbuttons. If VA-107 is not ON, start VA-107 with the START push button.**
- 1.2 Ensure the VA-109, Charcoal Filter Fan Selector Switch, HC/VA-109, is in AUTO.**
- 1.3 Place the TSC Ventilation Filtered Air Mode Switch, SS/VA-109 is in the ON position.**

2. Placing the TSC HVAC in the NORMAL MODE.

- 2.1 On panel AI-200A (in TSC Room 109), place the TSC Ventilation Filtered Air Mode Switch, SS/VA-109 in OFF.**
- 2.2 Verify VA-109, Charcoal Filter Fan Selector Switch, HC/VA-109, is in AUTO and VA-107 in ON as indicated by red light above VA-107, TSC Ventilation Fan Unit Start/Stop Pushbuttons.**

3. Securing the TSC HVAC System.

- 3.1 On panel AI-200A (in TSC Room 109), ensure or place the TSC Ventilation Filtered Air Mode Switch, SS/VA-109, in the OFF position.**
- 3.2 Place the Air Handler, VA-107 in OFF by pushing the VA-107, TSC Ventilation Unit Fan Stop pushbutton AND verify the red light above the VA-107, TSC Ventilation Unit Fan Start/Stop pushbuttons is off.**