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May 22, 2002  
LIC-02-0069

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 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).

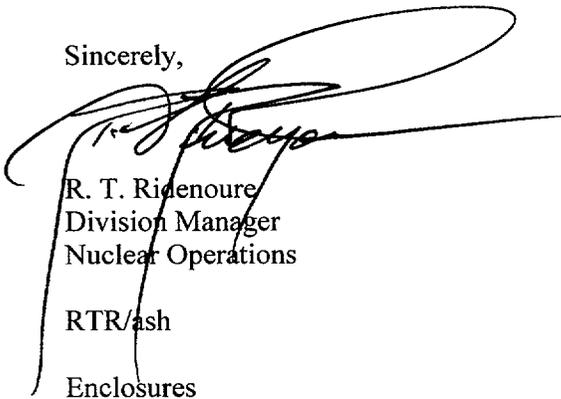
The document update instructions and summary of changes are included on the Confirmation of Transmittal form (Form EP-1) attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by July 5, 2002.

The revised documents included in the enclosed package are:

EPIP Index Page 1 issued May 7, 2002  
EPIP-TSC-1 R22a issued 02/04/02

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

Sincerely,



R. T. Ridenoure  
Division Manager  
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RTR/ash  
  
Enclosures

- c: NRC Region IV Plant Support Branch Secretary (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 Planning Department (w/o enclosures)

A045

Document	Document Title	Revision/Date
EPIP-OSC-1	Emergency Classification	R35 05-02-02
EPIP-OSC-2	Command and Control Position Actions/ Notifications	R40 02-04-02
EPIP-OSC-9	Emergency Team Briefings	R7 12-09-99
EPIP-OSC-15	Communicator Actions	R22 10-24-00
EPIP-OSC-21	Activation of the Operations Support Center	R11 11-27-01
EPIP-TSC-1	Activation of the Technical Support Center	R22 0-04-02a
EPIP-TSC-2	Catastrophic Flooding Preparations (R0 03-22-95) DELETED (05-09-95) <b>REINSTATED</b>	R2 02-06-96
EPIP-TSC-8	Core Damage Assessment	R14 01-19-01
EPIP-EOF-1	Activation of the Emergency Operations Facility	R12 08-24-00a
EPIP-EOF-3	Offsite Monitoring	R17 12-07-01
EPIP-EOF-6	Dose Assessment	R32 01-23-02
EPIP-EOF-7	Protective Action Guidelines	R13 10-31-00b
EPIP-EOF-10	Warehouse Personnel Decontamination Station Operation	R10 01-13-00a

Fort Calhoun Station  
Unit No. 1

**Distribution Authorized**

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**EPIP-TSC-1**

**EMERGENCY PLAN IMPLEMENTING PROCEDURE**

**Title:    ACTIVATION OF THE TECHNICAL SUPPORT CENTER**

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FC-68 Number:        EC 29390

Reason for Change:    Clarify instructions on Securing, Placing the TSC HVAC System in the FILTERED MODE, and in the NORMAL MODE. This Change is required due to EC 28898.

Requestor:            Mark Reller

Preparer:             Mark Reller

Correction (a):        Page 6 (05-07-02)

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

Attachment 6.1 - Checklist For Activation of the TSC

**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.

	(✓)	<u>INIT/TIME</u>
1. Contact the Control Room to determine if there is a toxic gas threat in the vicinity of Fort Calhoun Station.	_____	
1.1 If <b>YES</b> , secure the TSC HVAC system per Attachment 6.4, Step 3.	_____	
1.2 If <b>NO</b> , 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 <u>(Insert name and position)</u> . All personnel deposit their accountability badges in the proper accountability box near their 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.	_____	/
8. Synchronize TSC clocks with ERF Computer.	_____	/

(✓)

INIT/TIME

9. When Steps 2 through 8 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.

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

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

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

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

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

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

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

13. 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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. After one hour determine TSC positions are filled.

\_\_\_\_\_

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

\_\_\_\_\_

14.2 Request assistance from the TSC staff in contacting additional staff.

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

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.	___	/

Attachment 6.4 - Operation of the TSC HVAC System

Page 1 of 1

(✓)

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.

\_\_\_\_\_ /