Omaha Public Power District
444 South 16th Street Mall
Omaha, Nebraska 68102-2247

December 20, 2000
LIC-00-0115

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Reference Docket No. 50-285

SUBJECT: Transmittal of changes to Radiological Emergency Response Plan (RERP), Emergency Plan Implementing Procedures (EPIP), and Emergency Planning Forms (EPF) manuals.

In accordance with 10 CFR 50 Appendix A Part V and 10 CFR 50.4(b)(5)(iii), please find RERP, EPIP, and EPF change packages enclosed for the Document Control Center (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) forms attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by January 31, 2001.

The revised documents included in the enclosed package are:

RERP Index Pages 1 & 2 issued 12/05/00
RERP-Appendix D R2a issued 09/30/98
EPIP Index Pages 1 & 2 issued 12/05/00
EPIP-OSC-2 R37 issued 12/01/00
EPIP-TSC-1 R21a cover and pages 1 & 2 issued 08/24/00
EPIP-EOF-1 R12a cover and pages 1 & 2 issued 08/24/00
EPIP-RR-17A R18 issued 12/01/00
FC-EPF Index pages 1 and 2 issued 12/05/00
FC-EPF-38 R6 issued 12/05/00

If you have any questions regarding the enclosed changes, please contact me at (402) 533-6537.

Sincerely,

Frans

Nuclear Licensing

A045

MTF/ash

Enclosures

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

FORM EP-1
Rev. 6 (04/29/99)

OMAHA PUBLIC POWER DISTRICT

Confirmation of Transmittal for Emergency Planning Documents/Information

■ Radiological Emergency Response Plan (RERP) ■ Emergency Plan Implementing Procedures (EPIP) ■ Emergency Planning Forms (EPF)

☐ Emergency Planning Department Manual (EPDM) ☐ Other Emergency Planning Document(s)/ Information

Transmitted to:
Name: Document Control Desk Copy No: 165 Date: _____
Tom Andrews Copy No: 154
Tom Andrews Copy No: 155

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

REMOVE SECTION	INSERT SECTION
RERP Index pages 1 issued 10/10/00 and 2 issued 11/09/00	RERP Index pages 1 & 2 issued 12/05/00
RERP-Appendix D R2 issued 09/30/98	RERP-Appendix D R2a issued 09/30/98
EPIP Index pages 1 & 2 issued 11/07/00	EPIP Index pages 1 & 2 issued 12/05/00
EPIP-OSC-2 R36 issued 08/24/00	EPIP-OSC-2 R37 issued 12/01/00
EPIP-TSC-1 R21 cover and pages 1 & 2 issued 08/24/00	EPIP-TSC-1 R21a cover and pages 1 & 2 issued 08/24/00
EPIP-EOF-1 R12 cover and pages 1 & 2 issued 08/24/00	EPIP-EOF-1 R12a cover and pages 1 & 2 issued 08/24/00
EPIP-RR-17A R17 issued 08/24/00	EPIP-RR-17A R18 issued 12/01/00
FC-EPF Index pages 1 and 2 issued 11/07/00	FC-EPF Index pages 1 and 2 issued 12/05/00
FC-EPF-38 R5 issued 01/20/00	FC-EPF-38 R6 issued 12/05/00

Summary of Changes:

RERP-Appendix D was reissued to improve the copy quality.
EPIP-OSC-2 was revised to incorporate editorial changes suggested during a Command and Control training session. Reference to Action Request (AR) 12110 was removed and incorporated into EPIP-RR-17A.
EPIP-TSC-1 was revised to correct a typographical error found in Attachment 6.1 paragraph 7.
EPIP-EOF-1 Attachment 6.1 was revised to delete the step requiring staff members to prepare a 24-hour schedule for their position. This requirement is already covered in EPIP-RR-29 attachment 6.1 step 10.
EPIP-RR-17A was revised to add reference to AR 12110 and to ensure the intent of AR 12110 is met.
FC-EPF-38 was revised to delete PURAC from section 1 of the form.

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 **01/31/01** to:

Karma Boone
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: _____
_____

RADIOLOGICAL EMERGENCY RESPONSE PLAN INDEX
RERP

RERP	Definitions and Abbreviations	R15 06-29-00a
RERP-SECTION A	Assignment of Organizational Responsibility (Organizational Control)	R11 02-27-97c
RERP-SECTION B	Organizational Control of Emergencies	R25 08-24-00
RERP-SECTION C	Emergency Response Support and Resources	R9 09-30-98
RERP-SECTION D	Emergency Classification System	R9 04-29-97a
RERP-SECTION E	Notification Methods and Procedures	R23 08-24-00
RERP-SECTION F	Emergency Communications	R15 08-24-00
RERP-SECTION G	Public Education and Information	R10 03-11-97a
RERP-SECTION H	Emergency Facilities and Equipment	R29 08-24-00
RERP-SECTION I	Accident Assessment	R11 09-02-99
RERP-SECTION J	Protective Response	R16 01-06-00
RERP-SECTION K	Radiological Exposure Control	R9 02-03-00
RERP-SECTION L	Medical and Public Health Support	R11 01-27-00
RERP-SECTION M	Recovery and ReEntry Planning and Post Accident Operations	R14 03-11-97a
RERP-SECTION N	Exercises and Drills	R12 10-28-99
RERP-SECTION O	Radiological Emergency Response Training	R13 09-23-97a
RERP-SECTION P	Responsibility for the Planning Effort: Development, Periodic Review and Distribution	R10 10-23-97
RERP-APPENDIX A	Letters of Agreement	R16 03-07-00b
RERP-APPENDIX B	Supporting Emergency Plans	R4 10-27-98
RERP-APPENDIX C	NUREG/RERP/Implementing Procedure Cross Reference List	R12 09-02-99a

RADIOLOGICAL EMERGENCY RESPONSE PLAN INDEX
RERP

RERP-APPENDIX D	OPPD Resolution #4731, Radiological Emergency Response Plan Authority	R2 09-30-98a

WP8

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 phone numbers, and any information which could impede emergency response.

Fort Calhoun Station
Unit No. 1

RERP-APPENDIX D

RADIOLOGICAL EMERGENCY RESPONSE PLAN

Title: OPPD RESOLUTION # 4731, RADIOLOGICAL EMERGENCY RESPONSE PLAN AUTHORITY

IN ACCORDANCE WITH 10 CFR 50.54 (q), THIS REVISION DOES NOT REDUCE THE EFFECTIVENESS OF THE FCS RERP. REVIEWED per EPDM-6:

For original signature see master file
Manager - Emergency Planning
(signature required prior to distribution)

FC-68 Number: 50570

Reason for Change: Update Appendix D to reflect development of several guidance documents implemented since issuance of NUREG-0654/FEMA-REP-1, Rev. 1, November 1980. Strict adherence to specific criteria in NUREG-0654 is no longer required.

Contact Person: R. Hankins

Documentable Error (a): Pages 1 and 2 (12-05-00)

ISSUED: 09-30-98 9:00 am

R2

OPPD
BOARD OF DIRECTORS

Board Action

January 13, 1997

ITEM

Renewal and Update of Board Resolution No. 3083 for the Fort Calhoun Station (FCS) Radiological Emergency Response Plan (RERP).

PURPOSE

Update the current Board Resolution which is Appendix D to the FCS RERP to reflect the development of several guidance documents for radiological emergency preparedness that has been implemented since the initial issuance of NUREG-0654/FEMA-REP-1, Revision 1, dated November 1980. Nuclear power facilities are no longer required to maintain strict adherence to the specific criteria in NUREG-0654/FEMA-REP-1.

FACTS

a. Requirements for strict adherence to NUREG-0654/FEMA-REP-1 were removed from Section 10 of the Code of Federal Regulations, Part 50, in the late 1980's.

b. The Fort Calhoun Station has adopted several response concepts from other emergency preparedness documents, including; the Nuclear Regulatory Commission's (NRC) Response Technical Manual, the Nuclear Energy Institute's Alternative Emergency Action Levels as approved by the NRC, various radiological emergency preparedness guidance documents issued by the Federal Emergency Management Agency, and other alternative guidance which has been approved by the NRC.

c. 10CFR50, Appendix E, Section IV.A.2.a. requires a "detail discussion" of; "Authorities, responsibilities, and duties of the individual(s) who will take charge during an emergency." The positions identified within the FCS RERP that must have full authority to take all necessary initial emergency response actions are classified as "Command and Control" positions.

ACTION

Board approval of the Resolution.

RECOMMENDED:

W. G. Gates

APPROVED FOR BOARD CONSIDERATION:

F. M. Petersen

WGG:llz

Attachment: Resolution

Omaha Public Power District

OMAHA PUBLIC POWER DISTRICT

CERTIFIED COPY OF
RESOLUTION NO. 4731

WHEREAS, the United States nuclear industry has refined activities, personnel training, equipment and facilities required for immediate response to a nuclear incident since the March 28, 1979 accident at the Three Mile Island nuclear electric generating facility, and

WHEREAS, Title 10, Code of Federal Regulations, Part 50, entitled "Energy," contains the minimum requirements for a Radiological Emergency Preparedness (REP) program at any U.S. nuclear power reactor site, and

WHEREAS, additional guidance documents, such as, NUREG-0654, FEMA-REP-1, Revision 1, Nuclear Regulatory Commission's (NRC) Response Technical Manual, Federal Emergency Management Agency's various REP documents, and others, also contain activities which may be incorporated into a nuclear power reactor's radiological emergency preparedness (REP) program, and

WHEREAS, minimum REP acceptance criteria requires that each licensee shall designate personnel who shall have the authority and responsibility to immediately and unilaterally initiate any emergency actions, without prior Board approval, including awards of emergency related contracts and expenditures of District funds, as deemed absolutely necessary.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Omaha Public Power District authorizes and directs the President and Chief Executive Officer of Omaha Public Power District, or designee, to appoint and train emergency "Command and Control" positions to take immediate and decisive actions following any occurrence at the Fort Calhoun Station, which results in an emergency classification per the station's NRC approved Radiological Emergency Response Plan, to mitigate the consequences of the occurrence as to protect the health and safety of the public and plant personnel and minimize any impact to the environment.

I HEREBY CERTIFY THAT THE FOREGOING IS A TRUE AND CORRECT COPY OF RESOLUTION NO. 4731 ADOPTED BY THE BOARD OF DIRECTORS OF THE OMAHA PUBLIC POWER DISTRICT AT A MEETING HELD ON JANUARY 15, 1998.

OMAHA PUBLIC POWER DISTRICT CORPORATE SEAL 1946 OMAHA, NEBRASKA

Assistant Secretary

EMERGENCY PLAN IMPLEMENTING PROCEDURE INDEX

EPIP-OSC-1	Emergency Classification	R34 09-14-00
EPIP-OSC-2	Command and Control Position Actions/Notifications	R37 12-01-00
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	R9 08-24-00
EPIP-TSC-1	Activation of the Technical Support Center	R21 08-24-00a
EPIP-TSC-2	Catastrophic Flooding Preparations DELETED (05-09-95) **REINSTATED**	(R0 03-22-95) R2 02-06-96
EPIP-TSC-8	Core Damage Assessment	R13 01-19-00
EPIP-EOF-1	Activation of the Emergency Operations Facility	R12 08-24-00a
EPIP-EOF-3	Offsite Monitoring	R16 10-26-99
EPIP-EOF-6	Dose Assessment	R29 10-31-00
EPIP-EOF-7	Protective Action Guidelines	R13 10-31-00
EPIP-EOF-10	Warehouse Personnel Decontamination Station Operation	R10 01-13-00
EPIP-EOF-11	Dosimetry Records, Exposure Extensions and Habitability	R18 09-18-97b
EPIP-EOF-19	Recovery Actions	R7 09-30-98
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 02-29-00
EPIP-RR-13	Reactor Safety Coordinator Actions	R14 12-09-99

EMERGENCY PLAN IMPLEMENTING PROCEDURE INDEX

EPIP-RR-17	TSC Security Coordinator Actions	R13 11-30-99
EPIP-RR-17A	TSC Administrative Logistics Coordinator Actions	R18 12-01-00
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	R20 08-24-00
EPIP-RR-22A	Chemistry Coordinator Actions	R5 02-29-00
EPIP-RR-25	EOF Dose Assessment Coordinator Actions	R19 08-24-00
EPIP-RR-28	OSC Accountability and Dosimetry Technician Actions	R7 09-01-94a
EPIP-RR-29	EOF Administrative Logistics Manager Actions	R17 10-07-98
EPIP-RR-63	EOF Dose Assessment Assistant Actions	R8 11-02-00
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 CHIP Communication Actions	R0 10-24-00

WP8

DO NOT DISTRIBUTE

This procedure contains proprietary information which may not be released to the public document room. This issue may only be used for internal NRC copies of the Fort Calhoun Station RERP or EPIP manuals. A censored version has been supplied for the public document room.

Fort Calhoun Station
Unit No. 1

EPIP-OSC-2

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: COMMAND AND CONTROL POSITION ACTIONS/NOTIFICATIONS

FC-68 Number: EC 25810

Reason for Change: Editorial changes suggested during Command and Control training to clarify intent. Removed AR 12110 and put int EPIP RR-17A.

Requestor: Mark Reller

Preparer: Rhonda Hankins

COMMAND AND CONTROL POSITION ACTIONS/NOTIFICATIONS

NON-SAFETY RELATED

1. PURPOSE

1.1 This procedure provides guidance to the Command and Control position for implementing the Emergency Plan, making required notifications, transferring Command and Control, performing classification upgrades/downgrades and event terminations.

2. REFERENCES/COMMITMENT DOCUMENTS

2.1 SO-R-1, "Reportability Determination"

2.2 10 CFR 50.72, "Immediate Notification Requirements for Operating Nuclear Power Reactors

2.3 EPIP-OSC-1, "Emergency Classification"

2.4 EPIP-OSC-15, "Communicator Actions"

2.5 EPIP-EOF-6, "Dose Assessment"

2.6 EPIP-EOF-7, "Protective Action Guidelines"

2.7 EPIP-EOF-11, "Dosimetry Records, Exposure Extensions, and Habitability"

2.8 EPIP-EOF-21, "Potassium Iodide Issuance"

2.9 EPIP-EOF-19, "Recovery Actions"

2.10 EPIP-TSC-1, "Activation of the Technical Support Center"

2.11 EPIP-EOF-1, "Activation of the Emergency Operations Facility"

2.12 OI-ERFCS-1, "Emergency Response Facility Computer System"

2.13 FC-1188, "Emergency Notification Form"

2.14 FC-EPF-38, "Blair Industrial Park Co-Op, Event Notification Form"

2.15 Emergency Telephone Book

2.16 Commitments (other than Ongoing)

- AR 10026, NRC-89-0232
- AR 07071, LIC-88-0726

3. DEFINITIONS

3.1 ANS - "Alert Notification System" The system of sirens maintained in OPPD's designated EPZ (Emergency Planning Zone).

3.2 BLAIR INDUSTRIAL PARK CO-OP: EMERGENCY NOTIFICATION SYSTEM - An organization of industries including Fort Calhoun Station that have banded together to form a warning system to notify member industries and the Washington County Dispatch Center of a potential or actual release of toxic chemicals and/or hazardous material from its facility.

3.3 CODE SYSTEM - A system devised by members of the Blair Industrial Park Co-Op to classify events that have occurred at the initiating facilities site. These codes are:

- CODE BLUE: A minor emergency or problem such as a fire, explosion, gas or liquid release, unusual noise or odor, abnormal or extended flaring activity or other internal event has occurred which may be visible or detectable by off-site people, but which presents NO OFFSITE THREAT and requires no protective actions. The situation is under control.

- CODE GREEN: An emergency such as a fire, explosion, gas or liquid release or other event has occurred which affects plant operations and/or has the potential to escalate to a more serious emergency. THE SITUATION IS NOT UNDER CONTROL BUT POSES NO IMMEDIATE OFFSITE THREAT. The Washington County EOC may activate.

- CODE YELLOW: A serious accident such as a fire, explosion, gas or liquid or other event has occurred or is imminent which seriously affects plant operations and/or poses a threat to residents or industries in the immediate vicinity of the affected industry. THE SITUATION IS NOT UNDER CONTROL AND ONSITE PROTECTIVE ACTIONS WILL BE NECESSARY. The Washington County EOC would activate.

- CODE RED: A severe emergency such as fire, explosion, gas or liquid release or other event has occurred or is imminent which seriously affects plant operations and/or offsite areas well beyond site boundaries. THE SITUATION IS NOT UNDER CONTROL AND PROTECTIVE ACTIONS FOR NEIGHBORING INDUSTRIES AND RESIDENTS ARE NECESSARY. The Washington County EOC would fully activate at a safe location.

3.4 COMMAND AND CONTROL POSITION - The Shift Manager, Control Room Coordinator, Site Director or Emergency Director currently charged with the authorities and responsibilities for directing the emergency response.

3.5 EALs - "Emergency Action Levels"

3.6 EAS - "Emergency Alert System". A mass-media system providing information and instructions to the general public in the event of a nuclear or other public emergency.

3.7 EOF - "Emergency Operations Facility".

3.8 ERDS - "Emergency Response Data System". The system that transmits selected plant parameter data to the NRC Operations Center.

3.9 ERF - "Emergency Response Facility". The Control Room, TSC, OSC and EOF maintained for emergency response.

3.10 ERO - "Emergency Response Organization".

3.11 FTS-ENS phones - NRC notification system phones, , FTS- "Federal Telecommunications System", ENS- "Emergency Notification System".

3.12 GE - "General Emergency".

3.13 KFAB - Designated Local Primary One (LP1) Emergency Alert Station located in Omaha, NE.

3.14 NOUE - "Notification of Unusual Event".

3.15 NRC - "Nuclear Regulatory Commission".

3.16 OSC - "Operations Support Center".

3.17 PARs - "Protective Action Recommendations".

3.18 SAE - "Site Area Emergency".

3.19 TSC - "Technical Support Center".

4. PREREQUISITES

4.1 An emergency has been declared or is to be reported per EPIP-OSC-1, Emergency Classification.

5. PROCEDURE

NOTE: Once an event has been declared, notifications must be made within the time requirements of the applicable attachment.

5.1 IF no Emergency has been declared and conditions for a classification level occurred but no longer exist (per EPIP-OSC-1), THEN the event must be **reported** as follows:

5.1.1 Notify both states using the commercial line. Call Iowa at 1-515-281-3231 (24 hour #) and Nebraska at 1-402-471-7430 (normal hours) or 1-402-471-4545 (after hours).

5.1.2 Request that each state have the appropriate duty officer contact the Control Room at 1-402-533-6623 for a report on the event.

5.1.3 Notify the NRC using the FTS-ENS phone (commercial line is a backup) per SO-R-1.

5.1.4 **DO NOT** complete an Attachment 6.1, but log information in the Control Room Log as necessary.

5.2 IF while in a declared emergency, conditions for a higher emergency classification were exceeded but have since been abated or otherwise been resolved prior to declaration, THEN the event must be **reported** as follows:

5.2.1 Perform the notifications described in Attachments 6.1, 6.2 or 6.3 for the states, counties and the NRC for the current classification.

5.2.2 Inform the states, counties and the NRC that a higher classification existed, but was not declared, what conditions existed that caused the emergency classification, and inform them of the time that the higher classification existed.

5.3 Record any additional documentation in FC-EPF-13, Emergency Response Organization Log Sheet, or the Control Room Log.

5.4 **IN THE CONTROL ROOM:** Perform notifications using Attachment 6.1.

5.5 **IN THE TSC OR EOF:** Perform notifications using Attachment 6.2 (TSC) or 6.3 (EOF).

PAGE CONTAINS PRIVACY AND/OR PROPRIETARY INFORMATION

5.6 IF an upgrade or downgrade of the emergency classification occurs prior to completion of the checklist, THEN perform the following:

5.6.1 Complete state/county notifications for the former classification.

5.6.2 Begin another Notification Attachment for the new classification.

5.7 Complete Attachment 6.7 when performing reliefs.

5.8 Retain all documentation (logs, calculation sheets, notes, etc.) generated or used during the emergency.

5.9 At the termination, deliver all documentation to the CR Communicator, or Admin Logistics position for your facility.

6. ATTACHMENTS

6.1 Notification Checklist for the Control Room

6.2 Notification Checklist for the TSC

6.3 Notification Checklist for the EOF

6.4 ERO Activation Announcement

6.5 Classification Announcement

6.6 Emergency Termination Guidelines

6.7 Relief Checklist

6.8 Command and Control Position Responsibilities

6.9 Classifying and Reporting events to the Blair Industrial Park Co-Op

Attachment 6.1 - Notification Checklist for the Control Room Page 1 of 5

Classification: ☐ NOUE ☐ Site Area Declared at _____ / _____
Date Time

☐ Alert ☐ General EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7)_____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

	✓	TIME
1. Call the following positions to the Control Room:		
• Shift Communicator	___	
• Shift Chemistry Technician (dose assessment)	___	
• Shift RP Technician (habitability, back-up dose assessment)	___	_____
2. Is ERO to be activated?		
Yes 2.1 Instruct Communicator to activate the ERO.	___	
2.2 Perform plant announcement per Attachment 6.4.	___	_____
2.3 Go to Step 4.		
No Go to Step 3.		
3. Is a Management Notification (NOUE only) desired?		
Yes 3.1 Direct Communicator to do a Management notification.	___	
3.2 Perform a plant announcement.	___	
3.3 Have Communicator make announcement to Training Center and Administration Building.	___	_____
No Go to Step 4.		

	✓	TIME

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

4. Within 15 minutes of the emergency declaration you must:

   4.1 Complete required sections of the Emergency Notification Form (FC-1188) ___

   4.2 Ensure the Communicator notifies the states and counties using the completed Emergency Notification Form. ___ _____

5. Has the ERO been activated? **[AR 10026]**

   Yes 5.1 Make a plant announcement for the current classification (if not done in Step 2) using Attachment 6.5. ___

   5.2 Have Communicator make an announcement to Training Center and Administration Building (if not done in Step 2). ___ _____

   No Go to Step 6.

6. Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**

   Yes 6.1 Perform a plant announcement per Attachment 6.5. ___

   6.2 Have Communicator make an announcement to Training Center and Administration Building, using Evacuation Route checked. ___ _____

   No Go to Step 7.

7. Was a plant/site evacuation directed (plant evacuation at a minimum required at Alert or higher)? **[AR 10026]**

   Yes 7.1 Have on shift crew place accountability badges in box. ___

   7.2 Assign a person to log personnel in/out of the Control Room until relieved by the Accountability Clerk. ___ _____

   No Go to Step 8.

✓ TIME

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

8. Immediately (not later than one hour from declaration) after notification of the states and counties contact the NRC using the FTS-ENS phone (commercial phone is the backup)

   8.1 Has NRC previously been notified?

   Yes Then as a minimum report the classification, time and reason. ___

   No First report to the NRC, use NRC Form 361 (SO-R-1).

   8.2 Is classification an Alert or higher?

   Yes Direct the STA to activate the ERDS system using OI-ERFCS-1. ___ _____

   No Go to Step 9.

9. Use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-op. ___ _____

10. Ensure the communicator updates the states and counties using an approved Emergency Notification Form (FC-1188)

    - At least hourly (from the time of the last notification) and on an hourly basis until event termination ___
    - Within 15 minutes of a PAR change ___ _____

11. Have the states requested that we activate the ANS (sirens)?

    Yes 11.1 Contact the Emergency Director and request activation. ___ _____

    No Go to Step 12.

	✓	TIME

12. Has the state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?

Yes 12.1 Get the applicable EAS Message number from the state and county. ___

12.2 For the Primary message direct the Communicator to contact the National Weather Service using the Emergency Activations Booklet. ___

12.3 For all follow-up messages have the Communicator contact KFAB and give them the selected EAS message number for the requesting state. ___ _____

No Go to Step 13.

13. Review conditions for upgrade or downgrade criteria. _____

14. Is emergency termination possible?

Yes 14.1 Review Attachment 6.6 for termination guidelines. ___

14.2 Complete and approve the termination Emergency Notification Form (FC-1188). ___

14.3 Verify all data on the Emergency Notification Form is accurate. ___

14.4 Direct the Communicator to notify the states and counties using the Emergency Notification Form. ___

NOTE: If a Sub Area 1 evacuation was ordered Blair Industrial Park Co-Op facilities may not be staffed.

14.5 Was the Blair Industrial Park Co-Op notified?

Yes Reactivate the system and inform Co-Op members of the event termination. ___

No Go to Step 14.6.

		✓	TIME
	14.6 Notify the NRC using the FTS-ENS phone (commercial line is backup).	___	
	14.7 Announce Emergency termination using:		
	• Plant Gai-Tronics	___	
	• Facility PA system	___	
	• MOP network for all other Emergency Response Facilities	___	_____
No	Review this list and repeat applicable steps as required.		_____

Attachment 6.2 - Notification Checklist for the TSC

Classification: ☐ NOUE ☐ Site Area Declared at _____ / _____
Date Time

☐ Alert ☐ General EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7)_____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

		✓	TIME
1.	Within 15 minutes of the emergency declaration you must:		
	1.1 Complete required sections of the Emergency Notification Form (FC-1188)	___	
	1.2 Ensure the COP Communicator notifies the states and counties using the completed Emergency Notification Form.	___	_____
2.	Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**		
Yes	2.1 Go to Attachment 6.5, to determine the evacuation route to be used, (primary or alternate) and the announcement to be made.	___	
	2.2 Direct the COP Communicator to make the evacuation announcement found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____
No	2.3 Make a plant announcement per Attachment 6.5. **[AR 10026]**	___	
	2.4 Direct the COP Communicator to make the announcement for no site evacuation found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____

	✓	TIME

3. Has plant/site accountability been established?

   Yes Go to Step 4. ___

   No 3.1 Ensure CR/OSC/TSC Accountability Clerks are logging personnel in/out (if OSC/TSC are activated). ___

   3.2 Ensure that the TSC Security Coordinator initiates the accountability procedure, if the TSC is activated. ___

   3.3 Ensure the accountability completion time is documented in the Control Room Log. ___ _____

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

4. Immediately (not later than one hour from declaration) after notification of the states and counties ensure the NRC is contacted using the FTS-ENS phone (commercial phone is the backup)

   4.1 As a minimum, report new classification time and reason. ___

   4.2 Is new classification Alert or higher?

   Yes Ensure the Control Room activated the ERDS using OI-ERFCS-1. ___ _____

   No Go to Step 5.

5. Direct the Control Room to use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-Op. ___ _____

6. Ensure the COP Communicator updates the states and counties using an approved Emergency Notification Form (FC-1188)

   - At least hourly (from the time of the last notification) and on an hourly basis thereafter ___
   - Within 15 minutes of a PAR change ___ _____

		✓	TIME
7.	Have the states requested that we activate the ANS (sirens)?		
Yes	7.1 Contact the EOF Emergency Director and request ANS activation.	___	_____
No	Go to Step 8.		
8.	Has a state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?		
Yes	8.1 Get the applicable EAS Message number from the state and county.	___	
	8.2 For the preliminary message direct the COP Communicator to contact the National Weather Service using the Emergency Activations Booklet.	___	
	8.3 For all follow-up messages have the COP Communicator contact KFAB and give them the selected EAS message number for the requesting state.	___	_____
No	Go to Step 9.		
9.	Periodically review conditions for event upgrade or downgrade criteria.		_____
10.	Is emergency termination possible?		
Yes	10.1 Review Attachment 6.6 for termination guidelines.	___	
	10.2 Complete and approve the termination Emergency Notification Form (FC-1188).	___	
	10.3 Verify that all Emergency Notification Form data is correct.	___	
	10.4 Direct the COP Communicator to notify the states and counties using the Emergency Notification Form.	___	

✓ TIME

NOTE: If a Sub Area 1 evacuation was ordered, Blair Industrial Park Co-Op facilities may not be staffed.

10.5 Was the Blair Industrial Park Co-Op notified?

Yes Have the Control Room inform Co-Op members of the event termination. ___

No Go to Step 10.6.

10.6 Notify the NRC using the FTS-ENS phone (commercial line is backup). ___

10.7 Announce Emergency termination using:

- Plant Gai-Tronics ___
- Facility PA system ___
- MOP network for all other Emergency Response Facilities ___ _____

No Review this list and repeat applicable steps as required. _____

Attachment 6.3 - Notification Checklist for the EOF

Classification: ☐ NOUE ☐ Site Area ☐ Alert ☐ General

Declared at _____ / _____
Date Time

EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7) _____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

		✓	TIME
1.	Within 15 minutes of the emergency declaration you must:		
	1.1 Complete required sections of the Emergency Notification Form.	___	
	1.2 Ensure the COP Communicator notifies the states and counties using the completed Emergency Notification Form.	___	_____
2.	Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**		
Yes	2.1 Go to Attachment 6.5, to determine the evacuation route to be used. (primary or secondary) and the announcement to be made.	___	
	2.2 Direct the COP Communicator to make the evacuation announcement found in the Emergency Planning Activations Instructions Booklet to the Training Center/Administration Building.	___	_____
No	2.3 Direct the Control Room to make plant announcement per Attachment 6.5. **[AR 10026]**	___	
	2.4 Direct the COP Communicator to make the announcement for no site evacuation found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____

		✓	TIME
3.	Has plant/site accountability been established? (AR 10026)		
	Yes Go to Step 4.		
	No 3.1 Direct Site Director to initiate personnel accountability.	___	_____

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

4.	Immediately (not later than one hour from declaration) after notification of the states and counties ensure the NRC is contacted using the FTS-ENS phone (commercial phone is the backup)		
	4.1 As a minimum, report new classification time and reason.	___	
	4.2 Is new classification Alert or higher?		
	Yes Ensure the Control Room activated the ERDS using OI-ERFCS-1.	___	_____
	No Go to Step 5.		
5.	Direct the Control Room to use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-Op.	___	_____
6.	Ensure the COP Communicator updates the states and counties using an approved Emergency Notification Form (FC-1188).		
	• At least hourly (from the time of the last notification) and on an hourly basis thereafter until event termination	___	
	• Within 15 minutes of a PAR change	___	_____
7.	Ensure that the staffs of each facility are given timely updates on any significant change in plant or release status, even if the emergency classification remains unchanged.	___	_____

	✓	TIME
8. Have the states requested that we activate the ANS (sirens)?		
Yes 8.1 Direct the Administrative Logistics Manager to activate the ANS activation.	___	_____
No Go to Step 9.		
9. Has a state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?		
Yes 9.1 Get the applicable EAS Message number from the state or county.	___	
9.2 For the preliminary message direct the COP Communicator to contact the National Weather Service using the Emergency Activations Booklet.	___	
9.3 For all follow-up messages have the COP Communicator contact KFAB and give them the selected EAS message number for the requesting state.	___	_____
No Go to Step 10.		
10. Periodically review conditions for event upgrade or downgrade criteria.		_____
11. Is emergency termination possible?		
Yes 11.1 Review Attachment 6.6 for termination guidelines.	___	
11.2 Verify that Emergency Notification Form (FC-1188) data is correct.	___	
11.3 Complete and approve the termination Emergency Notification Form.	___	
11.4 Direct the COP Communicator to notify the states and counties using the Emergency Notification Form.	___	

	✓	TIME

NOTE: If a Sub Area 1 evacuation was ordered, Blair Industrial Park Co-Op facilities may not be staffed.

11.5 Was the Blair Industrial Park Co-Op notified?

Yes Have the Control Room inform Co-Op members of the event termination. ___

No Go to Step 11.6.

11.6 Notify the NRC using the FTS-ENS phone (commercial line is backup). ___

11.7 Direct the Site Director to announce the emergency termination using:

- Plant Gai-Tronics ___
- Facility PA system ___
- MOP network for all other Emergency Response Facilities ___ _____

No Review this list and repeat applicable steps as required. _____

Attachment 6.4 - ERO Activation Announcement

(✓)

1. Select from the options below, the information to be announced. ___
2. Notify Security if a plant/site evacuation is planned. ___
3. Sound the Emergency Alarm for approximately 30 seconds. ___
4. Read the selected announcement over the Gai-Tronics. ___
5. Again sound the Emergency Alarm for approximately 30 seconds. ___
6. Again read the selected announcement over the Gai-Tronics. ___

ANNOUNCEMENT

"Attention all personnel...Attention all personnel...A(n) (Classification) has been declared, due to ... (state reason) ... All Emergency Response Organization personnel report to their assigned facility immediately...Personnel in the Radiation Controlled Area proceed to the RCA Access Point...No eating, drinking, smoking or chewing is allowed anywhere in THE OWNER CONTROLLED AREA until further notice...All other personnel:

Optional: NOUE

_____ **Continue with normal duties**

Optional: NOUE
Required: Alert
Site Area

_____ **Evacuate to the Admin Building using the South Security Access Point**

Optional: Alert
Site Area
Required: General

_____ **Evacuate to the North Omaha Power Station using the:**

_____ **PRIMARY Route.** (No release, or release with wind direction ≥57° and <304°)

_____ **ALTERNATE Route.** (wind direction from ≥304° or <57° with known release)

Attachment 6.5 - Classification Announcement

(✓)

NOTE: The Site Director and the Emergency Director should select the information to be announced and direct the Control Room to sound the Emergency Alarm and make the Gai-tronics announcements.

1. Select, from the options below, the information to be announced. ___
2. Notify Security if a plant/site evacuation is planned. ___
3. Sound the Emergency Alarm for approximately 30 seconds. ___
4. Read the selected announcement over the Gai-Tronics. ___
5. Sound the Emergency Alarm for approximately 30 seconds (second time). ___
6. Read the selected announcement over the Gai-Tronics (second time). ___
7. At the EOF, verify that the above steps have been completed using the Operations Liaison Circuit or other communication. ___

ANNOUNCEMENT

"Attention all personnel...Attention all personnel...A(n) __(Classification)__ **has been declared, due to...**(state reason)**...No eating, drinking, smoking or chewing is allowed anywhere in THE OWNER CONTROLLED AREA until further notice"**... (Continue only if a plant/site evacuation is required)

"All Non-Emergency Response personnel must:

Optional: NOUE
Required: Alert
Site Area

_____ **Evacuate to the Administration Building using the South Security Access Point**

Optional: Alert
Site Area
Required: General

_____ **Evacuate to the North Omaha Power Station using the:**

_____ **PRIMARY Route.** (No release, or release with wind direction ≥57° and <304°)

_____ **ALTERNATE Route.** (wind direction from ≥304° or <57° with known release)

Attachment 6.6 - Emergency Termination Guidelines Page 1 of 2

NOTE: Prior to recommending establishment of recovery operations (if necessary) and termination of the Emergency Response Organization, the following conditions should be considered.

1. A Recovery Operations Manager has been designated per EPIP-EOF-19 if extensive recovery actions are needed to return the plant or environs to a pre-accident status.

2. Radiation Protection personnel are/have been monitoring access to any radiologically controlled areas of the plant necessary for recovery operations.

   COMMENTS: _____

   _____

   _____

3. Off-site conditions allow access of personnel and needed support resources to the plant.

   COMMENTS: _____

   _____

   _____

4. Plant status with respect to Technical Specifications has been evaluated by the Command and Control position **OR** Technical Support personnel if ERO was activated.

   COMMENTS: _____

   _____

   _____

5. Emergency termination recommendations have been discussed with the NRC Operations Center.

   COMMENTS: _____

   _____

   _____

6. The states of Nebraska and Iowa and the counties have been notified of the pending termination.

   COMMENTS: _____

   _____

   _____

7. The transition from Emergency to Recovery phase has been discussed with the designated Recovery Operations Manager and an initial recovery operations meeting has been scheduled, if needed.

   COMMENTS: _____

   _____

   _____

Additional Discussions/Comments:

_____

_____

_____

_____

_____

_____

_____

Attachment 6.7 - Relief Checklist **[AR 07071]**

NOTE: Prior to assuming Command and Control of an emergency, Steps 1 through 8 of the following steps must be completed.

	(✓)
1. Review/Discuss cause of the emergency condition.	___
2. Review/Discuss current status of the emergency condition and classification level.	___
3. Review/Discuss current plant status.	___
4. Review/Discuss each step of current Notification Checklist (Attachments 6.1, 6.2 or 6.3), including any county/state/NRC notifications made and determine any steps **NOT** yet performed.	___
5. Review and discuss when next FC-1188 should be sent to state/counties.	___
6. Determine activation status of the ERO and ERF facilities:	
Control Room: ☐ ERO Positions Activated	
TSC: ☐ Activated ☐ In Progress	
OSC: ☐ Activated ☐ In Progress	
EOF: ☐ Activated ☐ In Progress	
MRC: ☐ Activated ☐ In Progress ☐ N/A	___
7. Determine current status of dose assessment, habitability checks, radiological surveys and other tasks being performed by the Emergency Response Organization.	___
8. Determine if position being relieved is ready to complete the transfer of Command and Control.	___
9. WHEN both positions are ready, THEN perform the transfer of Command and Control.	___
10. Announce your name, and who has Command and Control to the lead personnel in the following facilities, if staffed:	
Control Room, TSC, OSC, EOF and MRC.	___

11. Sign your name, title and the relief time in the "Relief" space of the Notification Checklist. Initiate the appropriate Notification Checklist if transfer is between facilities. ___

12. Log relief information in the Command and Control position log. ___

Attachment 6.8 - Command and Control Position Responsibilities

The following responsibilities CAN NOT BE DELEGATED by the Command and Control position. The responsibility of their completion rests with the Command and Control position until relieved by another qualified individual or the emergency is terminated. The Command and Control position may assign other personnel to assist in conducting the actions necessary.

1. Overall **COMMAND AND CONTROL** of the Emergency Response Organization.

2. Ensuring the proper **CLASSIFICATION AND DECLARATION** of the emergency situation is made in accordance with EPIP-OSC-1 and is periodically reviewed to determine if the classification should be upgraded, downgraded or terminated.

3. Ensuring all required **NOTIFICATIONS** are made to appropriate state, local and federal officials.

4. Ensuring any appropriate **PROTECTIVE ACTION RECOMMENDATIONS** (PARs) are provided to offsite officials.

5. Authorizing OPPD emergency worker exposure extensions beyond the Federal Radiation Protection Guidance.

6. Authorizing issuance of Potassium Iodide for OPPD emergency workers.

The Command and Control position also has the following responsibilities which may be delegated to other personnel, as necessary.

7. Request for assistance from federal agencies.

8. Authorizing any emergency information to be released to the media or the general public.

9. Coordinating the transfer of emergency information from the Emergency Response Organization (ERO) to other OPPD and outside organizations called upon to assist.

10. Ensuring a timely and complete turnover of information to any qualified relief.

11. Providing information to authorized representatives of the states of Nebraska, and Iowa, and associated local governments.

12. Ensuring plant operations are in compliance with Technical Specifications. If deviations are necessary to protect the public health and safety, they must be approved, as a minimum, by a senior licensed operator, prior to taking the action.

Attachment 6.9 - Classifying and Reporting Events to the Blair Industrial Park Co-Op
Page 1 of 3

NOTE: The purpose of this attachment is to keep members of the Blair Industrial Park Co-Op aware of significant events that have occurred at the Fort Calhoun Station. It is intended that the system be used for notification of emergency situations which have or are anticipated to have visibility or impact beyond the Fort Calhoun station property lines. These situations may include, but are not limited to:

- Any gas or chemical leaks of significant magnitude
- Any radiation leaks of significant magnitude
- Any "news worthy" information (such as major fires, explosions, large medical response, etc.) which could result in news media interviewing neighboring industries
- Any plant evolutions resulting in large noises or having a visual impact which can be heard or seen by the public

1. INITIAL ASSESSMENT

NOTE: FC-EPF-38 is designed to aid you in gathering data prior to contacting members of the Co-Op. Existing FC-1188 and/or SO-R-1 can be used to provide the necessary information.

1.1 If notified of an onsite toxic chemical/hazardous material or radiological release, complete Sections 3, 5, 6 and 7 of FC-EPF-38. If all the information is not known, leave that section blank. DO NOT GIVE UNVERIFIED INFORMATION.

NOTE: Assistance in classification may be obtained from the Shift Chemist.

2. EVENT CLASSIFICATION

2.1 Report the event as classified (NOUE, ALERT, SITE AREA or GENERAL EMERGENCY) in Section 2 of FC-EPF-38.

NOTE: If the involved chemical is not listed, or further information on chemicals is desired refer to SO-G-106, "Hazardous Material Chemical Assessment and Emergency Response Guidelines", the Material Safety Data Sheet, if available, or The North American Emergency Response Guidebook.

NOTE: If the involved chemical is not listed below, refer to the North American Emergency Response Guidebook for guidelines.

2.2 If the involved chemical is one of the following, consider it a SMALL HAZARD:

- Acetylene
- Amerzine
- Chemtreat
- Ethanolamine
- Diesel Fuel
- Hydrazine
- Hydrogen

2.3 Use the guide below to classify the event class. The four codes are further defined in the definitions section of this procedure:

CODE	HAZARD POTENTIAL	CONDITIONS
Blue	Small or large	Situation under control - **NO** offsite threat
Green	Small or large	Situation **NOT** under control - No immediate offsite threat
Yellow	Large	Situation **NOT** under control - Onsite protective actions will be needed
Red	Large	Situation **NOT** under control - Protective actions for neighboring industries and residents needed

NOTE: All members of the Co-Op are staffed 24 hours per day except Kelly Ryan and Agro. MACC may not have staff onsite on some weekends and/or holidays.

NOTE: Alternate emergency numbers and routine day to day contact numbers for all Co-Op members and other vital agencies may be found in the Emergency Phone Book under the Blair Industrial Co-Op tab.

NOTE: All Notifications to the Blair Industrial Park Co-Op should be made through the Control Room if possible.

3. NOTIFICATIONS

3.1 Obtain the instructions marked "Blair Industrial Park Co-Op Notification" from the Emergency Planning Activation Instructions Booklet.

3.2 Direct the Communicator to perform the Blair Industrial Park Co-Op Notifications.

3.3 If event is on-going, update the Blair Industrial Park Co-Op members as conditions warrant.

WP8

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 phone numbers, and any information which could impede emergency response.

Fort Calhoun Station
Unit No. 1

EPIP-OSC-2

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: COMMAND AND CONTROL POSITION ACTIONS/NOTIFICATIONS

FC-68 Number: EC 25810

Reason for Change: Editorial changes suggested during Command and Control training to clarify intent. Removed AR 12110 and put int EPIP RR-17A.

Requestor: Mark Reller

Preparer: Rhonda Hankins

ISSUED: 12-01-00 3:00 pm

R37

COMMAND AND CONTROL POSITION ACTIONS/NOTIFICATIONS

NON-SAFETY RELATED

1. PURPOSE

1.1 This procedure provides guidance to the Command and Control position for implementing the Emergency Plan, making required notifications, transferring Command and Control, performing classification upgrades/downgrades and event terminations.

2. REFERENCES/COMMITMENT DOCUMENTS

2.1 SO-R-1, "Reportability Determination"

2.2 10 CFR 50.72, "Immediate Notification Requirements for Operating Nuclear Power Reactors

2.3 EPIP-OSC-1, "Emergency Classification"

2.4 EPIP-OSC-15, "Communicator Actions"

2.5 EPIP-EOF-6, "Dose Assessment"

2.6 EPIP-EOF-7, "Protective Action Guidelines"

2.7 EPIP-EOF-11, "Dosimetry Records, Exposure Extensions, and Habitability"

2.8 EPIP-EOF-21, "Potassium Iodide Issuance"

2.9 EPIP-EOF-19, "Recovery Actions"

2.10 EPIP-TSC-1, "Activation of the Technical Support Center"

2.11 EPIP-EOF-1, "Activation of the Emergency Operations Facility"

2.12 OI-ERFCS-1, "Emergency Response Facility Computer System"

2.13 FC-1188, "Emergency Notification Form"

2.14 FC-EPF-38, "Blair Industrial Park Co-Op, Event Notification Form"

2.15 Emergency Telephone Book

2.16 Commitments (other than Ongoing)

- AR 10026, NRC-89-0232
- AR 07071, LIC-88-0726

3. DEFINITIONS

3.1 ANS - "Alert Notification System" The system of sirens maintained in OPPD's designated EPZ (Emergency Planning Zone).

3.2 BLAIR INDUSTRIAL PARK CO-OP: EMERGENCY NOTIFICATION SYSTEM - An organization of industries including Fort Calhoun Station that have banded together to form a warning system to notify member industries and the Washington County Dispatch Center of a potential or actual release of toxic chemicals and/or hazardous material from its facility.

3.3 CODE SYSTEM - A system devised by members of the Blair Industrial Park Co-Op to classify events that have occurred at the initiating facilities site. These codes are:

- CODE BLUE: A minor emergency or problem such as a fire, explosion, gas or liquid release, unusual noise or odor, abnormal or extended flaring activity or other internal event has occurred which may be visible or detectable by off-site people, but which presents NO OFFSITE THREAT and requires no protective actions. The situation is under control.

- CODE GREEN: An emergency such as a fire, explosion, gas or liquid release or other event has occurred which affects plant operations and/or has the potential to escalate to a more serious emergency. THE SITUATION IS NOT UNDER CONTROL BUT POSES NO IMMEDIATE OFFSITE THREAT. The Washington County EOC may activate.

- CODE YELLOW: A serious accident such as a fire, explosion, gas or liquid or other event has occurred or is imminent which seriously affects plant operations and/or poses a threat to residents or industries in the immediate vicinity of the affected industry. THE SITUATION IS NOT UNDER CONTROL AND ONSITE PROTECTIVE ACTIONS WILL BE NECESSARY. The Washington County EOC would activate.

- CODE RED: A severe emergency such as fire, explosion, gas or liquid release or other event has occurred or is imminent which seriously affects plant operations and/or offsite areas well beyond site boundaries. THE SITUATION IS NOT UNDER CONTROL AND PROTECTIVE ACTIONS FOR NEIGHBORING INDUSTRIES AND RESIDENTS ARE NECESSARY. The Washington County EOC would fully activate at a safe location.

3.4 COMMAND AND CONTROL POSITION - The Shift Manager, Control Room Coordinator, Site Director or Emergency Director currently charged with the authorities and responsibilities for directing the emergency response.

3.5 EALs - "Emergency Action Levels"

3.6 EAS - "Emergency Alert System". A mass-media system providing information and instructions to the general public in the event of a nuclear or other public emergency.

3.7 EOF - "Emergency Operations Facility".

3.8 ERDS - "Emergency Response Data System". The system that transmits selected plant parameter data to the NRC Operations Center.

3.9 ERF - "Emergency Response Facility". The Control Room, TSC, OSC and EOF maintained for emergency response.

3.10 ERO - "Emergency Response Organization".

3.11 FTS-ENS phones - NRC notification system phones, , FTS- "Federal Telecommunications System", ENS- "Emergency Notification System".

3.12 GE - "General Emergency".

3.13 KFAB - Designated Local Primary One (LP1) Emergency Alert Station located in Omaha, NE.

3.14 NOUE - "Notification of Unusual Event".

3.15 NRC - "Nuclear Regulatory Commission".

3.16 OSC - "Operations Support Center".

3.17 PARs - "Protective Action Recommendations".

3.18 SAE - "Site Area Emergency".

3.19 TSC - "Technical Support Center".

4. PREREQUISITES

4.1 An emergency has been declared or is to be reported per EPIP-OSC-1, Emergency Classification.

5. PROCEDURE

NOTE: Once an event has been declared, notifications must be made within the time requirements of the applicable attachment.

5.1 IF no Emergency has been declared and conditions for a classification level occurred but no longer exist (per EPIP-OSC-1), THEN the event must be **reported** as follows:

5.1.1 Notify both states using the commercial line. Call Iowa at 1-515-281-3231 (24 hour #) and Nebraska at 1-402-471-7430 (normal hours) or 1-402-471-4545 (after hours).

5.1.2 Request that each state have the appropriate duty officer contact the Control Room at for a report on the event.

5.1.3 Notify the NRC using the FTS-ENS phone (commercial line is a backup) per SO-R-1.

5.1.4 **DO NOT** complete an Attachment 6.1, but log information in the Control Room Log as necessary.

5.2 IF while in a declared emergency, conditions for a higher emergency classification were exceeded but have since been abated or otherwise been resolved prior to declaration, THEN the event must be **reported** as follows:

5.2.1 Perform the notifications described in Attachments 6.1, 6.2 or 6.3 for the states, counties and the NRC for the current classification.

5.2.2 Inform the states, counties and the NRC that a higher classification existed, but was not declared, what conditions existed that caused the emergency classification, and inform them of the time that the higher classification existed.

5.3 Record any additional documentation in FC-EPF-13, Emergency Response Organization Log Sheet, or the Control Room Log.

5.4 **IN THE CONTROL ROOM:** Perform notifications using Attachment 6.1.

5.5 **IN THE TSC OR EOF:** Perform notifications using Attachment 6.2 (TSC) or 6.3 (EOF).

PROPRIETARY INFORMATION HAS BEEN REMOVED FROM THIS PAGE

5.6 IF an upgrade or downgrade of the emergency classification occurs prior to completion of the checklist, THEN perform the following:

5.6.1 Complete state/county notifications for the former classification.

5.6.2 Begin another Notification Attachment for the new classification.

5.7 Complete Attachment 6.7 when performing reliefs.

5.8 Retain all documentation (logs, calculation sheets, notes, etc.) generated or used during the emergency.

5.9 At the termination, deliver all documentation to the CR Communicator, or Admin Logistics position for your facility.

6. ATTACHMENTS

6.1 Notification Checklist for the Control Room

6.2 Notification Checklist for the TSC

6.3 Notification Checklist for the EOF

6.4 ERO Activation Announcement

6.5 Classification Announcement

6.6 Emergency Termination Guidelines

6.7 Relief Checklist

6.8 Command and Control Position Responsibilities

6.9 Classifying and Reporting events to the Blair Industrial Park Co-Op

Attachment 6.1 - Notification Checklist for the Control Room Page 1 of 5

Classification: ☐ NOUE ☐ Site Area Declared at _____/_____
Date Time
☐ Alert ☐ General EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7)_____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

	✓	TIME
1. Call the following positions to the Control Room:		
• Shift Communicator	___	
• Shift Chemistry Technician (dose assessment)	___	
• Shift RP Technician (habitability, back-up dose assessment)	___	_____
2. Is ERO to be activated?		
Yes 2.1 Instruct Communicator to activate the ERO.	___	
2.2 Perform plant announcement per Attachment 6.4.	___	_____
2.3 Go to Step 4.		
No Go to Step 3.		
3. Is a Management Notification (NOUE only) desired?		
Yes 3.1 Direct Communicator to do a Management notification.	___	
3.2 Perform a plant announcement.	___	
3.3 Have Communicator make announcement to Training Center and Administration Building.	___	_____
No Go to Step 4.		

	✓	TIME

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

4. Within 15 minutes of the emergency declaration you must:

	4.1	Complete required sections of the Emergency Notification Form (FC-1188)	___	
	4.2	Ensure the Communicator notifies the states and counties using the completed Emergency Notification Form.	___	_____

5. Has the ERO been activated? **[AR 10026]**

Yes	5.1	Make a plant announcement for the current classification (if not done in Step 2) using Attachment 6.5.	___	
	5.2	Have Communicator make an announcement to Training Center and Administration Building (if not done in Step 2).	___	_____
No		Go to Step 6.		

6. Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**

Yes	6.1	Perform a plant announcement per Attachment 6.5.	___	
	6.2	Have Communicator make an announcement to Training Center and Administration Building, using Evacuation Route checked.	___	_____
No		Go to Step 7.		

7. Was a plant/site evacuation directed (plant evacuation at a minimum required at Alert or higher)? **[AR 10026]**

Yes	7.1	Have on shift crew place accountability badges in box.	___	
	7.2	Assign a person to log personnel in/out of the Control Room until relieved by the Accountability Clerk.	___	_____
No		Go to Step 8.		

	✓	TIME

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

8. Immediately (not later than one hour from declaration) after notification of the states and counties contact the NRC using the FTS-ENS phone (commercial phone is the backup)

   8.1 Has NRC previously been notified?

   Yes Then as a minimum report the classification, time and reason. ___

   No First report to the NRC, use NRC Form 361 (SO-R-1).

   8.2 Is classification an Alert or higher?

   Yes Direct the STA to activate the ERDS system using OI-ERFCS-1. ___ _____

   No Go to Step 9.

9. Use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-op. ___ _____

10. Ensure the communicator updates the states and counties using an approved Emergency Notification Form (FC-1188)

    - At least hourly (from the time of the last notification) and on an hourly basis until event termination ___
    - Within 15 minutes of a PAR change ___ _____

11. Have the states requested that we activate the ANS (sirens)?

    Yes 11.1 Contact the Emergency Director and request activation. ___ _____

    No Go to Step 12.

	✓	TIME

12. Has the state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?

Yes 12.1 Get the applicable EAS Message number from the state and county. ___

12.2 For the Primary message direct the Communicator to contact the National Weather Service using the Emergency Activations Booklet. ___

12.3 For all follow-up messages have the Communicator contact KFAB and give them the selected EAS message number for the requesting state. ___ _____

No Go to Step 13.

13. Review conditions for upgrade or downgrade criteria. _____

14. Is emergency termination possible?

Yes 14.1 Review Attachment 6.6 for termination guidelines. ___

14.2 Complete and approve the termination Emergency Notification Form (FC-1188). ___

14.3 Verify all data on the Emergency Notification Form is accurate. ___

14.4 Direct the Communicator to notify the states and counties using the Emergency Notification Form. ___

NOTE: If a Sub Area 1 evacuation was ordered Blair Industrial Park Co-Op facilities may not be staffed.

14.5 Was the Blair Industrial Park Co-Op notified?

Yes Reactivate the system and inform Co-Op members of the event termination. ___

No Go to Step 14.6.

		✓	TIME
	14.6 Notify the NRC using the FTS-ENS phone (commercial line is backup).	___	
	14.7 Announce Emergency termination using:		
	• Plant Gai-Tronics	___	
	• Facility PA system	___	
	• MOP network for all other Emergency Response Facilities	___	_____
No	Review this list and repeat applicable steps as required.		_____

Attachment 6.2 - Notification Checklist for the TSC

Classification: ☐ NOUE ☐ Site Area Declared at _____/_____
Date Time

☐ Alert ☐ General EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7)_____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

		✓	TIME
1.	Within 15 minutes of the emergency declaration you must:		
	1.1 Complete required sections of the Emergency Notification Form (FC-1188)	___	
	1.2 Ensure the COP Communicator notifies the states and counties using the completed Emergency Notification Form.	___	_____
2.	Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**		
Yes	2.1 Go to Attachment 6.5, to determine the evacuation route to be used, (primary or alternate) and the announcement to be made.	___	
	2.2 Direct the COP Communicator to make the evacuation announcement found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____
No	2.3 Make a plant announcement per Attachment 6.5. **[AR 10026]**	___	
	2.4 Direct the COP Communicator to make the announcement for no site evacuation found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____

	✓	TIME

3. Has plant/site accountability been established?

   Yes Go to Step 4. ___

   No 3.1 Ensure CR/OSC/TSC Accountability Clerks are logging personnel in/out (if OSC/TSC are activated). ___

   3.2 Ensure that the TSC Security Coordinator initiates the accountability procedure, if the TSC is activated. ___

   3.3 Ensure the accountability completion time is documented in the Control Room Log. ___ _____

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

4. Immediately (not later than one hour from declaration) after notification of the states and counties ensure the NRC is contacted using the FTS-ENS phone (commercial phone is the backup)

   4.1 As a minimum, report new classification time and reason. ___

   4.2 Is new classification Alert or higher?

   Yes Ensure the Control Room activated the ERDS using OI-ERFCS-1. ___ _____

   No Go to Step 5.

5. Direct the Control Room to use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-Op. ___ _____

6. Ensure the COP Communicator updates the states and counties using an approved Emergency Notification Form (FC-1188)

   - At least hourly (from the time of the last notification) and on an hourly basis thereafter ___
   - Within 15 minutes of a PAR change ___ _____

	✓	TIME
7. Have the states requested that we activate the ANS (sirens)?		
Yes 7.1 Contact the EOF Emergency Director and request ANS activation.	___	_____
No Go to Step 8.		
8. Has a state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?		
Yes 8.1 Get the applicable EAS Message number from the state and county.	___	
8.2 For the preliminary message direct the COP Communicator to contact the National Weather Service using the Emergency Activations Booklet.	___	
8.3 For all follow-up messages have the COP Communicator contact KFAB and give them the selected EAS message number for the requesting state.	___	_____
No Go to Step 9.		
9. Periodically review conditions for event upgrade or downgrade criteria.		_____
10. Is emergency termination possible?		
Yes 10.1 Review Attachment 6.6 for termination guidelines.	___	
10.2 Complete and approve the termination Emergency Notification Form (FC-1188).	___	
10.3 Verify that all Emergency Notification Form data is correct.	___	
10.4 Direct the COP Communicator to notify the states and counties using the Emergency Notification Form.	___	

	✓	TIME

NOTE: If a Sub Area 1 evacuation was ordered, Blair Industrial Park Co-Op facilities may not be staffed.

10.5 Was the Blair Industrial Park Co-Op notified?

Yes Have the Control Room inform Co-Op members of the event termination. ___

No Go to Step 10.6.

10.6 Notify the NRC using the FTS-ENS phone (commercial line is backup). ___

10.7 Announce Emergency termination using:

- Plant Gai-Tronics ___
- Facility PA system ___
- MOP network for all other Emergency Response Facilities ___ _____

No Review this list and repeat applicable steps as required. _____

Attachment 6.3 - Notification Checklist for the EOF

Classification: ☐ NOUE ☐ Site Area ☐ Alert ☐ General

Declared at _____ / _____
Date Time

EAL # _____

Command and Control: _____

Relief: (complete Attachment 6.7) _____ Time _____

NOTE: The following steps are ordered in a suggested sequence, but the Command and Control position may modify the sequence, if necessary.

NOTE: If the emergency classification changes prior to completion of this checklist, ensure the state and county notifications are initiated as a minimum before beginning another checklist.

		✓	TIME
1.	Within 15 minutes of the emergency declaration you must:		
	1.1 Complete required sections of the Emergency Notification Form.	___	
	1.2 Ensure the COP Communicator notifies the states and counties using the completed Emergency Notification Form.	___	_____
2.	Is a Site Evacuation to North Omaha necessary (required at General Emergency)? **[AR 10026]**		
Yes	2.1 Go to Attachment 6.5, to determine the evacuation route to be used, (primary or secondary) and the announcement to be made.	___	
	2.2 Direct the COP Communicator to make the evacuation announcement found in the Emergency Planning Activations Instructions Booklet to the Training Center/Administration Building.	___	_____
No	2.3 Direct the Control Room to make plant announcement per Attachment 6.5. **[AR 10026]**	___	
	2.4 Direct the COP Communicator to make the announcement for no site evacuation found in the Emergency Planning Activations Instruction Booklet to the Training Center and Administration Building.	___	_____

	✓	TIME

3. Has plant/site accountability been established? (AR 10026)

   Yes Go to Step 4.

   No 3.1 Direct Site Director to initiate personnel accountability. ___ _____

NOTE: NRC contact should be maintained from at least one facility. The FTS-ENS at the EOF can be patched in with the Control Room/TSC line if a request is made to the NRC.

4. Immediately (not later than one hour from declaration) after notification of the states and counties ensure the NRC is contacted using the FTS-ENS phone (commercial phone is the backup)

   4.1 As a minimum, report new classification time and reason. ___

   4.2 Is new classification Alert or higher?

   Yes Ensure the Control Room activated the ERDS using OI-ERFCS-1. ___ _____

   No Go to Step 5.

5. Direct the Control Room to use Attachment 6.9 to prepare the notification for the Blair Industrial Park Co-Op. ___ _____

6. Ensure the COP Communicator updates the states and counties using an approved Emergency Notification Form (FC-1188).

   - At least hourly (from the time of the last notification) and on an hourly basis thereafter until event termination ___
   - Within 15 minutes of a PAR change ___ _____

7. Ensure that the staffs of each facility are given timely updates on any significant change in plant or release status, even if the emergency classification remains unchanged. ___ _____

	✓	TIME
8. Have the states requested that we activate the ANS (sirens)?		
Yes 8.1 Direct the Administrative Logistics Manager to activate the ANS activation.	___	_____
No Go to Step 9.		
9. Has a state or county requested that Fort Calhoun Station activate the Emergency Alert System (EAS)?		
Yes 9.1 Get the applicable EAS Message number from the state or county.	___	
9.2 For the preliminary message direct the COP Communicator to contact the National Weather Service using the Emergency Activations Booklet.	___	
9.3 For all follow-up messages have the COP Communicator contact KFAB and give them the selected EAS message number for the requesting state.	___	_____
No Go to Step 10.		
10. Periodically review conditions for event upgrade or downgrade criteria.		_____
11. Is emergency termination possible?		
Yes 11.1 Review Attachment 6.6 for termination guidelines.	___	
11.2 Verify that Emergency Notification Form (FC-1188) data is correct.	___	
11.3 Complete and approve the termination Emergency Notification Form.	___	
11.4 Direct the COP Communicator to notify the states and counties using the Emergency Notification Form.	___	

		✓	TIME
	NOTE: If a Sub Area 1 evacuation was ordered, Blair Industrial Park Co-Op facilities may not be staffed.		
11.5	Was the Blair Industrial Park Co-Op notified?		
	Yes Have the Control Room inform Co-Op members of the event termination.	___	
	No Go to Step 11.6.		
11.6	Notify the NRC using the FTS-ENS phone (commercial line is backup).	___	
11.7	Direct the Site Director to announce the emergency termination using:		
	• Plant Gai-Tronics	___	
	• Facility PA system	___	
	• MOP network for all other Emergency Response Facilities	___	_____
No	Review this list and repeat applicable steps as required.		_____

Attachment 6.4 - ERO Activation Announcement

(✓)

1. Select from the options below, the information to be announced. ___
2. Notify Security if a plant/site evacuation is planned. ___
3. Sound the Emergency Alarm for approximately 30 seconds. ___
4. Read the selected announcement over the Gai-Tronics. ___
5. Again sound the Emergency Alarm for approximately 30 seconds. ___
6. Again read the selected announcement over the Gai-Tronics. ___

ANNOUNCEMENT

"Attention all personnel...Attention all personnel...A(n) (Classification) **has been declared, due to ...** (state reason) **... All Emergency Response Organization personnel report to their assigned facility immediately...Personnel in the Radiation Controlled Area proceed to the RCA Access Point...No eating, drinking, smoking or chewing is allowed anywhere in THE OWNER CONTROLLED AREA until further notice...All other personnel:**

Optional: NOUE _____ **Continue with normal duties**

Optional: NOUE
Required: Alert
Site Area
_____ **Evacuate to the Admin Building using the South Security Access Point**

Optional: Alert
Site Area
Required: General
_____ **Evacuate to the North Omaha Power Station using the:**

_____ **PRIMARY Route.** (No release, or release with wind direction ≥57° and <304°)

_____ **ALTERNATE Route.** (wind direction from ≥304° or <57° with known release)

Attachment 6.5 - Classification Announcement

(✓)

NOTE: The Site Director and the Emergency Director should select the information to be announced and direct the Control Room to sound the Emergency Alarm and make the Gai-tronics announcements.

1. Select, from the options below, the information to be announced. ___
2. Notify Security if a plant/site evacuation is planned. ___
3. Sound the Emergency Alarm for approximately 30 seconds. ___
4. Read the selected announcement over the Gai-Tronics. ___
5. Sound the Emergency Alarm for approximately 30 seconds (second time). ___
6. Read the selected announcement over the Gai-Tronics (second time). ___
7. At the EOF, verify that the above steps have been completed using the Operations Liaison Circuit or other communication. ___

ANNOUNCEMENT

"Attention all personnel...Attention all personnel...A(n) __(Classification)__ **has been declared, due to...**(state reason)**...No eating, drinking, smoking or chewing is allowed anywhere in THE OWNER CONTROLLED AREA until further notice"**... (Continue only if a plant/site evacuation is required)

"All Non-Emergency Response personnel must:

Optional: NOUE
Required: Alert
Site Area

_____ **Evacuate to the Administration Building using the South Security Access Point**

Optional: Alert
Site Area
Required: General

_____ **Evacuate to the North Omaha Power Station using the:**

_____ **PRIMARY Route.** (No release, or release with wind direction ≥57° and <304°)

_____ **ALTERNATE Route.** (wind direction from ≥304° or <57° with known release)

Attachment 6.6 - Emergency Termination Guidelines Page 1 of 2

NOTE: Prior to recommending establishment of recovery operations (if necessary) and termination of the Emergency Response Organization, the following conditions should be considered.

1. A Recovery Operations Manager has been designated per EPIP-EOF-19 if extensive recovery actions are needed to return the plant or environs to a pre-accident status.

2. Radiation Protection personnel are/have been monitoring access to any radiologically controlled areas of the plant necessary for recovery operations.

   COMMENTS: _____

   _____

   _____

3. Off-site conditions allow access of personnel and needed support resources to the plant.

   COMMENTS: _____

   _____

   _____

4. Plant status with respect to Technical Specifications has been evaluated by the Command and Control position **OR** Technical Support personnel if ERO was activated.

   COMMENTS: _____

   _____

   _____

5. Emergency termination recommendations have been discussed with the NRC Operations Center.

   COMMENTS: _____

   _____

   _____

6. The states of Nebraska and Iowa and the counties have been notified of the pending termination.

   COMMENTS: _____

   _____

   _____

7. The transition from Emergency to Recovery phase has been discussed with the designated Recovery Operations Manager and an initial recovery operations meeting has been scheduled, if needed.

   COMMENTS: _____

   _____

   _____

Additional Discussions/Comments:

_____

_____

_____

_____

_____

_____

_____

Attachment 6.7 - Relief Checklist **[AR 07071]**

NOTE: Prior to assuming Command and Control of an emergency, Steps 1 through 8 of the following steps must be completed.

	(✓)
1. Review/Discuss cause of the emergency condition.	___
2. Review/Discuss current status of the emergency condition and classification level.	___
3. Review/Discuss current plant status.	___
4. Review/Discuss each step of current Notification Checklist (Attachments 6.1, 6.2 or 6.3), including any county/state/NRC notifications made and determine any steps **NOT** yet performed.	___
5. Review and discuss when next FC-1188 should be sent to state/counties.	___
6. Determine activation status of the ERO and ERF facilities:	
Control Room: □ ERO Positions Activated	
TSC: □ Activated □ In Progress	
OSC: □ Activated □ In Progress	
EOF: □ Activated □ In Progress	
MRC: □ Activated □ In Progress □ N/A	___
7. Determine current status of dose assessment, habitability checks, radiological surveys and other tasks being performed by the Emergency Response Organization.	___
8. Determine if position being relieved is ready to complete the transfer of Command and Control.	___
9. WHEN both positions are ready, THEN perform the transfer of Command and Control.	___
10. Announce your name, and who has Command and Control to the lead personnel in the following facilities, if staffed:	
Control Room, TSC, OSC, EOF and MRC.	___

11. Sign your name, title and the relief time in the "Relief" space of the Notification Checklist. Initiate the appropriate Notification Checklist if transfer is between facilities. ___

12. Log relief information in the Command and Control position log. ___

Attachment 6.8 - Command and Control Position Responsibilities

The following responsibilities CAN NOT BE DELEGATED by the Command and Control position. The responsibility of their completion rests with the Command and Control position until relieved by another qualified individual or the emergency is terminated. The Command and Control position may assign other personnel to assist in conducting the actions necessary.

1. Overall **COMMAND AND CONTROL** of the Emergency Response Organization.

2. Ensuring the proper **CLASSIFICATION AND DECLARATION** of the emergency situation is made in accordance with EPIP-OSC-1 and is periodically reviewed to determine if the classification should be upgraded, downgraded or terminated.

3. Ensuring all required **NOTIFICATIONS** are made to appropriate state, local and federal officials.

4. Ensuring any appropriate **PROTECTIVE ACTION RECOMMENDATIONS** (PARs) are provided to offsite officials.

5. Authorizing OPPD emergency worker exposure extensions beyond the Federal Radiation Protection Guidance.

6. Authorizing issuance of Potassium Iodide for OPPD emergency workers.

The Command and Control position also has the following responsibilities which may be delegated to other personnel, as necessary.

7. Request for assistance from federal agencies.

8. Authorizing any emergency information to be released to the media or the general public.

9. Coordinating the transfer of emergency information from the Emergency Response Organization (ERO) to other OPPD and outside organizations called upon to assist.

10. Ensuring a timely and complete turnover of information to any qualified relief.

11. Providing information to authorized representatives of the states of Nebraska, and Iowa, and associated local governments.

12. Ensuring plant operations are in compliance with Technical Specifications. If deviations are necessary to protect the public health and safety, they must be approved, as a minimum, by a senior licensed operator, prior to taking the action.

Attachment 6.9 - Classifying and Reporting Events to the Blair Industrial Park Co-Op
Page 1 of 3

NOTE: The purpose of this attachment is to keep members of the Blair Industrial Park Co-Op aware of significant events that have occurred at the Fort Calhoun Station. It is intended that the system be used for notification of emergency situations which have or are anticipated to have visibility or impact beyond the Fort Calhoun station property lines. These situations may include, but are not limited to:

- Any gas or chemical leaks of significant magnitude
- Any radiation leaks of significant magnitude
- Any "news worthy" information (such as major fires, explosions, large medical response, etc.) which could result in news media interviewing neighboring industries
- Any plant evolutions resulting in large noises or having a visual impact which can be heard or seen by the public

1. INITIAL ASSESSMENT

NOTE: FC-EPF-38 is designed to aid you in gathering data prior to contacting members of the Co-Op. Existing FC-1188 and/or SO-R-1 can be used to provide the necessary information.

1.1 If notified of an onsite toxic chemical/hazardous material or radiological release, complete Sections 3, 5, 6 and 7 of FC-EPF-38. If all the information is not known, leave that section blank. DO NOT GIVE UNVERIFIED INFORMATION.

NOTE: Assistance in classification may be obtained from the Shift Chemist.

2. EVENT CLASSIFICATION

2.1 Report the event as classified (NOUE, ALERT, SITE AREA or GENERAL EMERGENCY) in Section 2 of FC-EPF-38.

NOTE: If the involved chemical is not listed, or further information on chemicals is desired refer to SO-G-106, "Hazardous Material Chemical Assessment and Emergency Response Guidelines", the Material Safety Data Sheet, if available, or The North American Emergency Response Guidebook.

NOTE: If the involved chemical is not listed below, refer to the North American Emergency Response Guidebook for guidelines.

2.2 If the involved chemical is one of the following, consider it a SMALL HAZARD:

- Acetylene
- Amerzine
- Chemtreat
- Ethanolamine
- Diesel Fuel
- Hydrazine
- Hydrogen

2.3 Use the guide below to classify the event class. The four codes are further defined in the definitions section of this procedure:

CODE	HAZARD POTENTIAL	CONDITIONS
Blue	Small or large	Situation under control - **NO** offsite threat
Green	Small or large	Situation **NOT** under control - No immediate offsite threat
Yellow	Large	Situation **NOT** under control - Onsite protective actions will be needed
Red	Large	Situation **NOT** under control - Protective actions for neighboring industries and residents needed

NOTE: All members of the Co-Op are staffed 24 hours per day except Kelly Ryan and Agro. MACC may not have staff onsite on some weekends and/or holidays.

NOTE: Alternate emergency numbers and routine day to day contact numbers for all Co-Op members and other vital agencies may be found in the Emergency Phone Book under the Blair Industrial Co-Op tab.

NOTE: All Notifications to the Blair Industrial Park Co-Op should be made through the Control Room if possible.

3. NOTIFICATIONS

3.1 Obtain the instructions marked "Blair Industrial Park Co-Op Notification" from the Emergency Planning Activation Instructions Booklet.

3.2 Direct the Communicator to perform the Blair Industrial Park Co-Op Notifications.

3.3 If event is on-going, update the Blair Industrial Park Co-Op members as conditions warrant.

WP8

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 phone numbers, and any information which could impede emergency response.

EPIP-TSC-1

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: ACTIVATION OF THE TECHNICAL SUPPORT CENTER

FC-68 Number: DCR 12266

Reason for Change: Delete Attachment 6.2 and references to operational. Add definition for augmented and instructions for insuring augmentation. Revise format and other editorial changes.

Requestor: Mark Reller

Preparer: Mark Reller

Documentable Error (a): Page 2 (12-05-00)

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 Activation /Deactivation of the TSC HEPA Ventilation System.

Attachment 6.1 - Checklist For Activation of the TSC Page 1 of 2

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. Verify the following minimum staffing positions are available.		
• Site Director	___	
• Protective Measures Coordinator	___	
• TSC COP Communicator	___	
• Reactor Safety Coordinator	___	____/____
2. Ensure that the volume buttons on both Gai-tronics are turned up.		____/____
3. Using the Gai-Tronics, announce the following message:		
3.1 "Attention all personnel....Attention all personnel....This is __(Insert name and position)__. All personnel deposit their accountability badges in the proper accountability box near their facility.	___	
3.2 Repeat the message above.	___	____/____
4. Open all TSC room doors.		____/____
5. Post "NO EATING/DRINKING/SMOKING OR CHEWING" signs in the TSC Room 115 and near the entrance door.		____/____
6. In Room 118, unlock the aperture card file using the key from the key box, and turn on the aperture card reader/printer.		____/____
7. Synchronize TSC clocks with ERF Computer.		____/____
8. When Steps 1 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.		____/____

WP8

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 phone numbers, and any information which could impede emergency response.

EPIP-EOF-1

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: ACTIVATION OF THE EMERGENCY OPERATIONS FACILITY

FC-68 Number: DCR 12265

Reason for Change: Delete Attachment 6.2 and reference to operational. Add a definition for augmented and instructions for augmentation. Revise format and other editorial changes.

Requestor: Mark Reller

Preparer: Mark Reller

Documentable Error (a): Page 2 (12-05-00)

ISSUED: 08-24-00 3:00 pm

R12

ACTIVATION OF THE EMERGENCY OPERATIONS FACILITY

NON-SAFETY RELATED

1. PURPOSE

   1.1 This procedure provides a checklist to complete for activation and deactivation of the Emergency Operations Facility (EOF).

2. REFERENCES/COMMITMENT DOCUMENTS

   None

3. DEFINITIONS

   3.1 Activated - minimum staffing and basic setup requirements have been attained to allow the EOF to provide limited support to the Control Room and/or the TSC.

   3.2 Augmented - A facility is augmented when all augmenting and minimum staffing positions are filled.

4. PREREQUISITES

   None

5. PROCEDURE

   NOTE: The Emergency Director is responsible for completion of this procedure. The Emergency Director may assign this task to other members of the EOF staff.

   5.1 Upon reporting to the EOF, activate the EOF using Attachment 6.1.

   5.2 Upon event termination, deactivate the EOF per Attachment 6.2.

6. ATTACHMENTS

   6.1 Checklist for Activation of The EOF.

   6.2 Checklist for Deactivation of The EOF.

Attachment 6.1 - Checklist for Activation of the EOF

Page 1 of 2

NOTE: It is the goal of Omaha Public Power District (OPPD) to activate the EOF within one hour following declaration of an Alert or higher emergency 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. Verify the following minimum staffing positions are available:		
• Emergency Director	___	
• Protective Measures Manager or EOF Dose Assessment Coordinator	___	
• EOF Dose Assessment Specialist	___	
• EOF COP Communicator	___	____/____
2. Verify that at least one telephone link can be established between the EOF and the site.		____/____
3. Ensure Clocks are synchronized to the ERF Computer		____/____
4. When Steps 1 and 2 are complete, make the following announcement on the EOF PA system: "This is ____(Insert name and position)____. The EOF is now activated. Command and Control of the emergency is currently at __(State Facility)____."	___	
5. Notify the Control Room, OSC and TSC that the EOF is activated.	___	____/____
6. Within one hour of the initial emergency declaration, verify the following augmenting staff are present:		
• Administrative Logistics Manager	___	
• Field Team Specialist	___	
• Information Specialist	___	
• Operations Liaison	___	____/____

WP8

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 phone numbers, and any information which could impede emergency response.

Fort Calhoun Station
Unit No. 1

EPIP-RR-17A

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: TSC ADMINISTRATIVE LOGISTICS COORDINATOR ACTIONS

FC-68 Number: EC 26053

Reason for Change: Add reference to AR 12110 and revise to ensure intent of AR 12110 is met.

Requestor: Mark Reller

Preparer: Rhonda Hankins

ISSUED: 12-01-00 3:00 pm

R18

TSC ADMINISTRATIVE LOGISTICS COORDINATOR ACTIONS

1. PURPOSE

1.1 This procedure provides guidance to the TSC Administrative Logistics Coordinator in performing actions outlined in the Emergency Plan Implementing Procedures (EPIPs).

2. REFERENCES/COMMITMENT DOCUMENTS

2.1 Commitment Documents

- AR 13301, IER 92-20
- AR 12110, IER 91-23

3. DEFINITIONS

None

4. PREREQUISITES

None

5. PROCEDURE

5.1 Review the procedure and checklist, Attachment 6.1 and accomplish the applicable steps both upon initial activation and periodically, as required, thereafter.

5.2 At the completion of the shift or at event termination, check the steps which are completed.

5.3 Retain all documentation (logs, calculation sheets, notes, etc) generated or used during the emergency.

5.4 At event termination, collect all documentation from the TSC, OSC and CR.

5.4.1 Assemble all documentation for legal records and event analysis. Request the Emergency Planning Department to place in safe storage.

6. ATTACHMENTS

6.1 TSC Administrative Logistics Coordinator Checklist

6.2 Procurement or Addition of Diesel Fuel for Emergency Diesel Generators

Attachment 6.1 - TSC Administrative Logistics Coordinator Checklist Page 1 of 4

Maintain a log of all key activities

	✓	INIT/TIME
1. Upon arrival:		
• Sign in on the Accountability Roster	___	
• Obtain worker packet	___	
• Put on the Personnel Identification badge	___	
• Assist in activation of TSC per EPIP-TSC-1	___	____/____
2. Direct:		
2.1 Site Director's Secretary to:		
• Maintain a log for the Site Director	___	
• Gather information for input to the ERMS.	___	
2.2 Other Site Directors Secretary to operate the ERMS.	___	
2.3 The COP Communicator to:		
• Perform required notifications on the COP Network	___	
• Maintain the Radiological Status Board **[AR 13301]**	___	
2.4 The Status Board Keeper to obtain data from the ERFCS or Control Room to maintain the Status Board.	___	
2.5 The Emergency Response Coordinator to assist other TSC positions.	___	
2.6 Direct one Administrative Assistant to maintain the TSC Accountability Roster.	___	
2.7 Direct the other Administrative Assistant to:		
• Perform copying duties in the TSC	___	
• Distribution duties in the TSC	___	
• Operate the fax machine	___	____/____

Attachment 6.1
(continued)

	✓	INIT/TIME
3. Secure access/egress to the TSC from the back (west) entrance using the following signs:		
• TSC IS ACTIVATED NO EXIT	___	
• TSC IS ACTIVATED AUTHORIZED PERSONNEL ONLY	___	
• WHEN TSC IS ACTIVATED DO NOT ENTER. USE EAST ENTRANCE	___	____/____
4. Establish 24 hour staffing:		
4.1 Determine 24 hour Staffing for:		
• TSC (assist the Site Director using FC-EPF10)	___	
• Control Room (use FC-EPF-10)	___	
• OSC (request that OSC Director prepare using FC-EPF-9 and fax to you)	___	
4.2 When you have all the staffing schedules:		
• Verify that all positions are filled	___	
• Verify that second shift positions are filled	___	
• Post shift schedules in the TSC	___	
• Fax shift schedules to the CR and OSC for posting	___	
4.3 Notify personnel on the second shift to inform them of their work schedule (use other personnel to assist in this task as needed)	___	____/____
5. Periodically review the following steps and perform them as required:		
5.1 Prepare copies of the following and distribute them throughout the TSC and transmit to the OSC, as required.		
• Data sheets	___	
• Messages	___	
5.2 Assist the Site and TSC Director, as needed.	___	

	✓	INIT/TIME
5.3 Contact the EOF Administrative Logistics Manager's when:		
• Evacuation of plant personnel to the North Omaha is ordered	___	
• Any person is injured, contaminated and requires off-site medical response	___	
5.4 Coordinate logistics support, including:		
• Transportation	___	
• Food	___	
• Lodging	___	
• Special equipment	___	
• Supplies	___	____/____

NOTE: Step 6 may be performed by the EOF Administrative Logistics Manager.

6. Determine from the Control Room Coordinator the status of the emergency diesel generators. ___

6.1 If one or both are operating, within 10 hours **[AR 12110]**:

NOTE: The phone number for the diesel fuel supplier can be found in the Emergency Phone Book in the "Off-Site Support Agencies" section.

- Contact the diesel fuel supplier to arrange for the potential delivery of diesel fuel. ___
- If Diesels are loaded arrange for continuous fuel deliveries to the site. ___

6.2 If diesel fuel can not be delivered to the site within 20 hours of the start of the diesels:

- Request that the TSC or Site Director request an emergency work order to install the hardware for diesel fuel transfer described in Attachment 6.2. ___ ____/____

Attachment 6.1
(continued)

	✓	INIT/TIME
7. As required, provide a detailed briefing to your relief covering:		
• Emergency conditions	___	
• Actions taken (current status)	___	____/____
8. At emergency termination:		
• Collect documentation and logs from all onsite facilities	___	
• Ensure that the TSC is placed back into a state of readiness	___	
• Review this checklist and ensure that special orders or supplies that were ordered are canceled	___	
• Ensure personnel on the shift roster are informed of status of emergency and whether or not to report for their shift	___	____/____

Attachment 6.2 - Procurement or Addition of Diesel Fuel for Emergency Diesel Generators

INITIALS

1. DIESEL FUEL TRANSFER FROM FO-10 TO FO-1 (Auxiliary Boiler Fuel Storage Tank to Diesel Generator Fuel Oil Storage Tank)

NOTE: At full rated power, each diesel generator consumes approximately 3 gallons per minute. FO-37 delivers approximately 6 gallons per minute. If only one diesel is in service, or if the diesels are running at less than rated load, the level in FO-1 will steadily increase when adding fuel oil to FO-1 from FO-10.

There are several possible methods to transfer diesel fuel from FO-10 to FO-1. This method allows using installed equipment that will require a minimum amount of "temporary" changes to accomplish the fuel transfer:

1.1 Connect a 1 inch hose from FO-201 "Auxiliary Feedwater Pump FW-54 Fuel Oil Transfer Pump FO-37 Discharge Drain Valve" to the 3 inch fill connection on FO-1. This will require approximately 400 feet of hose. The 1 inch hose may be run inside the 3 inch fill connection and duct taped in place. All mechanical joints should be stabilized with lock wires and taped to prevent leakage. Sleeves or blocks should be used around hoses that are run through doors to prevent damage to the hose. (Hose fittings and a hand pump are available in the warehouse stored under Stock Code Number 30869-2(fuel)). _____

1.2 The normal Auxiliary Feedwater Pump fuel oil system lineup in OI-AFW-1 can be used, but HC-FO-37 must be placed in the "Hand" position, or it will automatically shut off when the Fuel Oil Day Tank FO-38 is full. Also, FO-196 must be closed or fuel will recirculate through FO-38 back to FO-10 if that is the path of least resistance. FO-38 should be checked and refilled periodically; it contains an 8 hour supply of fuel oil when full. _____

1.3 Continue to monitor LI-2107 and shut off the transfer pump when FO-1 level is approximately 17,500 gallons. _____

1.4 Upon completion of the fuel transfer evolution, drain and store hose properly to prevent possible fuel jelling in the hose. _____

EMERGENCY PLAN FORMS INDEX
FC-EPF

FC-EPF-1	Alert Notification System Accidental Activation Report Form	R5 08-13-96b
FC-EPF-2	Offsite Monitoring Log	R2 08-10-95
FC-EPF-3	Administration of Potassium Iodide Tablets	R1 11-07-00
FC-EPF-4 NCR	Radiological Emergency Team Briefing Checklist	R2 12-13-94
FC-EPF-5	Emergency Worker Extension	R3 03-26-98
FC-EPF-6	Estimated Exposure Worksheet	R4 11-07-00
FC-EPF-7	Estimated Exposure Log	R2 04-01-98
FC-EPF-8	Sample Worksheet	R5 08-10-95a
FC-EPF-9	OSC 24-Hour Staffing Schedule	R12 08-24-00
FC-EPF-10	CR/TSC 24-Hour Staffing Schedule	R14 08-24-00
FC-EPF-11	EOF 24-Hour Staffing Schedule	R10 08-24-00
FC-EPF-12	MRC 24 Hour Staffing Schedule	R2 08-05-99
FC-EPF-13	Emergency Response Organization Log Sheet	R0 01-17-91
FC-EPF-14	Emergency Response Organization Assignment Form	R8 02-02-99
FC-EPF-15	Drill Exercise Comment Form	R3 07-11-97a
FC-EPF-17	Pager Response Follow Up Questionnaire	R3 11-06-99
FC-EPF-19	Process and Area Monitor Locations	R6 09-01-94
FC-EPF-20	Site Boundary/Owner Control Area	R1 07-29-97
FC-EPF-21	Fort Calhoun Station Sector Map	R2 05-15-97
FC-EPF-27	Onsite/Offsite Dose Comparison Data Record (Using Eagle Program)	R3 11-07-00
FC-EPF-29	Estimation of Unmonitored Release Rates	R1 12-30-93

EMERGENCY PLAN FORMS INDEX
FC-EPF

FC-EPF-31	ΔT - Stability Class - χμ/Q	R1 07-25-95
FC-EPF-32	Area Monitor Trending	R0 06-10-93
FC-EPF-33*	Emergency Response Facility Computer System (ERFCS)	R1 07-02-96
FC-EPF-34	MRC Director Checklist	R0 06-23-93
FC-EPF-35	Iowa EOC Route Map (double-sided)	R0 06-21-94
FC-EPF-36	EOF Briefing Checklist	R2 08-04-98
FC-EPF-37	Operations Liaison Out of Service Equipment List	R0 07-11-95
FC-EPF-38	Blair Industrial Park CO-OP	R6 12-05-00
FC-EPF-41	Emergency Planning Simulator Critique	R0 09-30-98
FC-EPF-42	Emergency Action Levels	R0 07-16-99

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 phone numbers, and any information which could impede emergency response.

Blair Industrial Park Co-Op
Event Notification Form

1 Take roll call of responding members (✔ by name of those responding)
☐ Blair Water/Sewer ☐ Cargill ☐ Kelly Ryan
☐ MACC ☐ Terra Nitrogen ☐ Blair AG, LLC
☐ Washington County Dispatch

2 Emergency Classification Code
☐ NOUE (Blue) ☐ Alert (Green) ☐ Site Area (Yellow) ☐ General (Red)

3 Classification Date | Time

Reported by (If other than OPPD)

4 Person making Report | Title

Call back # | Time

Authorized By | Title | Time

5 Incident facts Time of Event | Estimated Duration (hrs)

6 Event type (✔ all applicable)
☐ Explosion ☐ Fire ☐ Gas Release
☐ Radiological ☐ River Release ☐ Spill
☐ Other; Please list _____

Substance Involved (proper spelling?) | Volume | Units

DOT ID # | DOT Guide #

Other Identifying characteristics
☐ Flammable ☐ Toxic ☐ HazMat ☐ Other

7 Weather Direction (from°) | Wind Speed MPH | Precipitation? ☐ Yes ☐ No

8 Comments (At Site Area or General emergency recommend that members tune to KFAB 1110 AM for EAS Message(s))

9 Was an attempt made to contact members that didn't answer Co-Op line ? ☐ Yes ☐ No

List those not contacted