



444 South 16th Street Mall
Omaha NE 68102-2247

July 25, 2003
LIC-03-0102

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

Reference: Docket No. 50-285

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

In accordance with 10 CFR 50.549(q), 10 CFR 50, Appendix E, Section V, and 10 CFR 50.4(b)(5), please find EPIP change packages enclosed for the Document Control Desk (holder of Copy 165) and the NRC Region IV Plant Support Branch Secretary (holder of Copies 154 and 155).

The document update instructions and summary of changes are included on the Confirmation of Transmittal form (From EP-1) attached to each controlled copy change package. Please return the Confirmation of Transmittal forms by September 12, 2003.

The revised documents included in the enclosed package are:
EPIP Index page 1 of 3 issued 07/17/03
EPIP Index page 2 of 3 issued 07/17/03
EPIP-OSC-2 R42 issued 07/17/03

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

Sincerely,



D. J. Bannister
Manager - Fort Calhoun Station

DJB/ckf

Enclosures

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

A045

OMAHA PUBLIC POWER DISTRICT

Confirmation of Transmittal for
Emergency Planning Documents/Information

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

Transmitted to:

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

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

REMOVE SECTION

EPIP Index page 1 of 3 issued 07/02/03
 EPIP Index page 2 of 3 issued 05/28/03
 EPIP-EOF-19 R7 issued 09/30/98
 EPIP-OSC-2 R42 issued 05/28/03

INSERT SECTION

EPIP Index page 1 of 3 issued 07/17/03
 EPIP Index page 2 of 3 issued 07/17/03
 EPIP-EOF-OSC-19 R8 issued 07/17/03
 EPIP-OSC-2 R42 issued 07/17/03

Summary of Changes:

EPIP-EOF-19 was revised to add that a licensee is required to provide written notification NRR that a reactor is in a safe and stable condition following an accident. EPIP-OSC-2 was revised to correct the normal hours contact number for Nebraska.


 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 09/12/03 to:

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

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

- Document(s)/Information No Longer Requested/Needed
- Document(s)/Information Transferred to:

Name: _____ Mailing Address: _____

Document	Document Title	Revision/Date
EPIP-OSC-1	Emergency Classification	R35 05-02-02
EPIP-OSC-2	Command and Control Position Actions/Notifications	R42 05-28-03a
EPIP-OSC-9	Emergency Team Briefings	R7 12-09-99
EPIP-OSC-15	Communicator Actions	R22 10-24-00a
EPIP-OSC-21	Activation of the Operations Support Center	R12 10-29-02a
EPIP-TSC-1	Activation of the Technical Support Center	R24 06-19-03
EPIP-TSC-2	Catastrophic Flooding Preparations (R0 03-22-95) DELETED (05-09-95) REINSTATED	R3 01-23-03
EPIP-TSC-8	Core Damage Assessment	R14 01-19-01
EPIP-EOF-1	Activation of the Emergency Operations Facility	R13 10-29-02
EPIP-EOF-3	Offsite Monitoring	R18 11-12-02
EPIP-EOF-6	Dose Assessment	R32 01-23-02a
EPIP-EOF-7	Protective Action Guidelines	R14 04-15-03
EPIP-EOF-10	Warehouse Personnel Decontamination Station Operation	R10 01-13-00a
EPIP-EOF-11	Dosimetry Records, Exposure Extensions and Habitability	R20 07-02-03

Document	Document Title	Revision/Date
EPIP-EOF-19	Recovery Actions	R8 07-17-03
EPIP-EOF-21	Potassium Iodide Issuance	R4 11-07-00
EPIP-EOF-23	Emergency Response Message System	R5 10-12-99
EPIP-EOF-24	EOF Backup Alert Notification System Activation	R3 09-09-99
EPIP-RR-11	Technical Support Center Director Actions	R14 02-29-00a
EPIP-RR-13	Reactor Safety Coordinator Actions	R14 12-09-99a
EPIP-RR-17	TSC Security Coordinator Actions	R15 12-10-02a
EPIP-RR-17A	TSC Administrative Logistics Coordinator Actions	R20 11-07-02a
EPIP-RR-19A	Operations Liaison Actions	R6 04-15-03a
EPIP-RR-21	Operations Support Center Director Actions	R12 09-23-99a
EPIP-RR-21A	Maintenance Coordinator Actions	R4 11-30-99a
EPIP-RR-22	Protective Measures Coordinator/Manager Actions	R22 05-15-03
EPIP-RR-22A	Chemistry Coordinator Actions	R6 12-07-01
EPIP-RR-25	EOF Dose Assessment Coordinator Actions	R21 05-15-03
EPIP-RR-28	OSC Accountability and Dosimetry Technician Actions	R8 09-25-01a

Fort Calhoun Station
Unit No. 1

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EPIP-EOF-19

EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: RECOVERY ACTIONS

FC-68 Number: EC 32376

Reason for Change: Add to procedure that a licensee is required to provide written notification to NRR that a reactor is in a safe and stable condition following an accident. Within 30 days of the initial notification, the licensee must submit a written (site) cleanup plan for approval and must have the permission of the Director, NRR before implementing the plan. Insert reference to OPPD Business Continuity Plan.

Requestor: M. Reller

Preparer: M. Reller

RECOVERY ACTIONS

NON-SAFETY RELATED

1. PURPOSE

This procedure provides guidance for performing recovery actions upon termination of a classified emergency. The goals of an effective recovery plan are (1) identify the extent of plant damage; (2) prepare a cleanup plan and program for station repair and restoration; (3) submit the cleanup plan to NRR for approval; (4) implement specific corrective action plans and programs; and, (5) return the plant to a normal operating status.

2. REFERENCES/COMMITMENT DOCUMENTS

- 2.1 EPIP-OSC-1, Emergency Classification
- 2.2 EPIP-OSC-2, Command and Control Position Actions/Notifications
- 2.3 10 CFR 50, Appendix E, Part H
- 2.4 10 CFR 50.54(w)(4)(ii)
- 2.5 OPPD Business Continuity Plan

3. DEFINITIONS

- 3.1 Recovery - Longer-term actions taken to restore the station, as nearly as possible, back to its pre-emergency condition.

4. PREREQUISITES

- 4.1 A NOUE or higher classification has been declared.
- 4.2 Initial response and corrective actions have been taken, and the emergency has been terminated by the Command and Control position(s).
- 4.3 The Command and Control position(s) has determined that a recovery plan should be implemented due to existing conditions.

5. PROCEDURE

NOTE: At the onset of an emergency condition, response actions to mitigate the consequences of the accident take precedence over recovery actions. Some limited recovery operations may be initiated during the response phase.

5.1 When it is determined that the Reactor is in and can be maintained in a safe and stable condition:

5.1.1 A Recovery Operations Manager to direct cleanup operations shall be designated.

5.1.2 NRC NRR shall be notified in writing.

5.2 The Recovery Operations Manager is responsible for ensuring that within 30 days of the initial NRC notification that the Reactor is in a safe and stable condition, that a written site cleanup plan is submitted for approval to the Director of the NRR. He should use the following resources.

CAUTION

The Director of the NRR must approve the Site Cleanup Plan before implementation.

5.2.1 Assemble representatives from OPPD nuclear organizations to assess the recovery actions necessary and to assign the organization needed to perform these actions. Use Attachment 6.1, Typical Recovery Organization, as a guide.

NOTE: Ensure the resources of the OPPD Business Continuity Plan are considered.

5.2.2 Develop a Site Cleanup Plan outlining the Recovery Organization, schedule and cost estimates. Use Attachment 6.2, Recovery Actions, as a guide.

5.2.3 Discuss the Site Cleanup Plan with members of the Safety Audit Review Committee (SARC) for preliminary concurrence.

5.2.4 Ensure that an initial ALARA review of the proposed recovery plan is conducted.

5.2.5 Prior to termination of Recovery Actions, confer with the Vice President of Nuclear Operations. The following items shall be reviewed when considering recovery termination:

A. Plant conditions.

B. Offsite and onsite radiological conditions and monitoring requirements.

- 5.2.5 C. Applicable USAR and Technical Specifications.
- D. Radioactive Waste disposal.
- E. Legal and insurance concerns.
- F. Completion of recovery plan objectives.

6. ATTACHMENTS

- 6.1 Typical Recovery Organization
- 6.2 Recovery Actions

Attachment 6.1 - Typical Recovery Organization

Page 1 of 2

NOTE: Based on the scope of the accident, a Recovery Organization may consist of the following suggested positions/departments, besides the Recovery Operations Manager:

1. Technical Coordinator

The Technical Coordinator will maintain the Recovery Log which will serve as a chronological record of all recovery actions.

2. Technical Working Group

This group will propose recovery actions and address the major aspects of the recovery operation. It should consist of the heads of each of the technical groups represented in the recovery organization. The group should have access to technical consultants and industry experts.

3. Task Management/Scheduling Group

This group will develop schedules for specific tasks, monitor the status of the schedule and report the status to the Technical Working Group and the Recovery Operations Manager.

4. Engineering Support Group

The responsibilities of this group should provide procedure preparation, data analysis, technical support to the control room staff and other tasks related to the technical support aspects of recovery.

5. Plant Operations and Maintenance Group

Responsibilities include routine performance of plant operations and maintenance functions for the duration of the recovery operations phase.

6. Radiation Protection

This group should provide removal, processing, storage and shipping of radioactive material. Provide job coverage and support, as required to all groups included in the recovery.

The group should assess the extent of contamination of buildings and systems and establish processing and decontamination priorities based on the assessment.

Attachment 6.1 - Typical Recovery Organization

Page 2 of 2

7. Design and Construction Manager

Responsibilities should include providing engineering design, materials and the construction support needed to implement any required modification of plant structures or systems.

8. Industry Advisory Group

If needed, this group may be staffed by technical expertise from outside OPPD who will augment the technical decision making process in the recovery effort. The group will provide independent technical assessment, and recommendations, concerning plant status.

9. Licensing Group

This group should provide a contact point for government agencies and industry representatives regarding recovery operations. A prior review and approval from the Recovery Operations Manager is required for all information to be disseminated.

10. Administration and Logistics Group

This group should provide general administrative support such as manpower, communications, transportation and temporary office space, as required.

11. Environmental Monitoring Group

This group will assist the states, if requested, in gathering and analyzing samples.

12. Public Information Group

The public information efforts to the general population and information regarding OPPD's after-emergency actions will be coordinated by this group. The Recovery Operations Manager must be kept abreast of all releases being made to the media or general public concerning recovery operations.

The following key points may be addressed in a formal recovery actions plan. These areas are suggested, and not mandatory.

1. INTRODUCTION

The introduction should include a brief description of the event, actions taken to date and a summary of the objectives of the recovery actions.

2. OBJECTIVES

Clearly specify (list) and discuss the objectives for the recovery program. Based on accident severity, the objectives may be simple or complex.

3. RECOVERY ORGANIZATION

List the responsibilities, positions and names of individuals to be incorporated in the Recovery Organization.

4. FACILITIES INVOLVED IN RECOVERY

Describe the principle facilities to be used in the recovery operation. This section should cover, as a minimum, normal OPPD facilities being used during the recovery phase, (e.g., TSC, EOF, Energy Plaza, etc.) and special/temporary recovery facilities (e.g., Water Treatment, Waste Storage, etc.).

Staffing discussed in Attachment 6.1 should be related to the facilities in this section.

5. RECOVERY SCHEDULE AND COST ESTIMATES

As a management tool, schedules and cost estimates for the Recovery Operation should be developed.

6. RECOVERY ACTIONS

This section should identify the specific actions necessary to accomplish the Recovery Phase. Actions may include, but are not limited to, the following:

- 6.1 Control of Operations
- 6.2 Repair or replacement of damaged equipment
- 6.3 Decontamination

Attachment 6.2 - Recovery Actions

6.4 Development of procedures:

- Operations
- Test and Inspection
- Maintenance
- Decontamination
- Radioactive Waste
- Start-up

6.5 Procurement of general and/or specialized materials and equipment.

6.6 Processing and/or storage of contaminated material.

6.7 Preparation of licensing documents.

6.8 Interface with Federal, state and local agencies/organizations

6.9 Control of normal maintenance

6.10 Testing

- Safety Audit Review Committee ordered/requested
- Externally ordered or requested
- Surveillance Testing
- Technical Specification requirements

6.11 ALARA program

6.12 Reports and records management

6.13 Radiological Controls

- Surveys (Plant, Site and/or Environs)
- RWP's
- Dosimetry
- Exposure Control
- Bioassay Analysis

6.14 Administrative Controls

- Contracts and budgets
- Paperwork processing (data review, report distribution, etc.)

Attachment 6.2 - Recovery Actions

6.15 Security

6.16 Public Information

6.17 Environmental Impact Studies

6.18 Submittal of a Site Cleanup Plan for approval by the Director of NRR within 30 days.

WP10

Fort Calhoun Station
Unit No. 1

EPIP-OSC-2

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EMERGENCY PLAN IMPLEMENTING PROCEDURE

Title: COMMAND AND CONTROL POSITION ACTIONS/NOTIFICATIONS

FC-68 Number: EC 32041

Reason for Change: Make changes to comply with new security card readers.

Requestor: M. Reller

Preparer: M. Reller

Correction (a): Page 4 (07-17-03)

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

2.17 Ongoing Commitments

- AR 30816, LIC-01-0189

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: 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 RELEASE OF RADIOACTIVE MATERIAL - Any discharge of radioactive effluent to the environment that is a result of, or associated with, the emergency event.
- 3.19 SAE - "Site Area Emergency".
- 3.20 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 1-402-471-7421 (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).
- 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

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3. Is a Management Notification (NOUE only) desired?

Yes 3.1 Direct Communicator to do a Management notification. _____

3.2 Perform a plant announcement, using information from the Management Notification tab in the Emergency Planning Activation Instruction Booklet. _____

3.3 Have Communicator make the above announcement to Training Center and Administration Building. _____

No Go to Step 4.

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.

Attachment 6.1

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

No Go to Step 8.

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-1A. _____

No Go to Step 9.

Attachment 6.1

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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.

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).

Attachment 6.1

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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.

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. _____

✓ 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-1A. _____

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. _____

✓ 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.

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-1A. _____

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. _____

✓ TIME

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. _____

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 6.5 - 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 _____ **Evacuate to the Administration Building using the South**
Required: Alert _____ **Security Access Point**
Site Area

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

_____ **PRIMARY Route.** (No release, or release with wind direction $\geq 57^\circ$ and $< 304^\circ$)

_____ **ALTERNATE Route.** (wind direction from $\geq 304^\circ$ or $< 57^\circ$ with known release)

Attachment 6.6 - Emergency Termination Guidelines

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: _____

Attachment 6.6

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.

NOTE: By signing below the person assuming Command and Control of the emergency acknowledges that they have reviewed and accept the responsibilities contained in Attachment 6.8 of this procedure.

Command & Control Position/Time: _____ / _____

Person Assuming Command & Control/Time: _____ / _____

(✓)

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:	<input type="checkbox"/>	ERO Positions Activated	
TSC:	<input type="checkbox"/>	Activated	<input type="checkbox"/> In Progress
OSC:	<input type="checkbox"/>	Activated	<input type="checkbox"/> In Progress
EOF:	<input type="checkbox"/>	Activated	<input type="checkbox"/> In Progress
MRC:	<input type="checkbox"/>	Activated	<input type="checkbox"/> In Progress <input type="checkbox"/> 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 and other license conditions. If deviations are necessary to protect the public health and safety, they must be evaluated with respect to 10CFR50.54(x) and (y) and 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 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 Blair Ag. 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.