

EMERGENCY PLAN IMPLEMENTING PROCEDURES

REVISION CONTROL SHEET

Revision No. 15

Revision Date 7/7/83

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4.1	DELETED							
4.2	5/11/81	0						
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1.0 PURPOSE

This procedure describes actions required of the Emergency Coordinator during an emergency situation at the Duane Arnold Energy Center.

2.0 APPLICABILITY

This procedure shall be implemented upon declaration of an event classified as an Alert, Site Emergency or General Emergency. The Emergency Coordinator, at his discretion, may implement this procedure and activate portions of the Emergency Response Organization during a situation classified as an Unusual Event.

3.0 RESPONSIBILITIES

- 3.1 Coordinate accident assessment and analysis efforts with the Radiological and EOF Manager to determine the potential or actual radiological impact of the emergency conditions upon the public.
- 3.2 Coordinate efforts with the Emergency Support Manager, as necessary, to return the plant to a stable safe condition.
- 3.3 Ensure coordination between the plant staff and the corporate emergency response organization.
- 3.4 Direct and coordinate the implementation of plans, procedure and schedules to meet recovery operation. Recovery represents that point following an emergency condition when the plant is in a stable state, necessary plant operating equipment is functioning properly and there is no potential for uncontrolled radiological releases.
- 3.5 Where alternate courses of action exist, decisions as to which course to follow will be directed by the Emergency Coordinator.

4.0 INSTRUCTIONS

- 4.1 Upon declaration of an event classified as an Alert, Site Emergency or General Emergency the Emergency Coordinator shall proceed immediately to the Control Room and review with the SSE or Control Room Coordinator:
 - 4.1.1 The status of the plant.
 - 4.1.2 The logic used to establish the classification of the event.
- 4.2 Assure activation of the TSC and OSC upon declaration of an Alert, Site Emergency or General Emergency. During an Unusual Event the TSC or OSC may be activated if deemed necessary by the Emergency Coordinator.
- 4.3 Assure that initial notification has been made to offsite agencies, necessary response organizations and that continuous communications with the NRC has been established.

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- 4.4 Proceed to the TSC, brief the TSC staff and assure that appropriate personnel are assigned to research drawings, specifications, test data and other engineering data as required to:
- a) Recommend alternative courses of action which may be taken to mitigate the consequences of the event.
 - b) Evaluate the effects of abnormal systems configuration on future operational evolutions.
 - c) Ensure that technical evaluations are being conducted with the most current information and that operational evolutions are properly planned.
- 4.5 Notify the Director, Nuclear Generation or his alternate and review:
- 4.5.1 Emergency Action Level and the basis for its selection.
 - 4.5.2 Plant status and actions being taken to mitigate the condition.
 - 4.5.3 Sequence of events to the extent understood.
- 4.6 Evaluate changes in the plant status for potential radiological consequences to the public and apprise the EOF of all such changes and the results of evaluations conducted.
- 4.7 If the EOF is not yet manned provide plant status to County, State and NRC representatives as appropriate. Protection action recommendations shall be provided to offsite agencies and shall consider:
- 4.7.1 Degrading reactor core conditions.
 - 4.7.2 Radiological release conditions.
- 4.8 Review the attached checklist and assure that the actions specified therein are being taken.

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5.0 REFERENCES

5.1 Duane Arnold Energy Center Emergency Plan

5.2 EIPs

6.0 ATTACHMENTS

1. Emergency Coordinator's Checklist

APPROVED BY:

D. Munn 7-6-83
Plant Superintendent-Nuclear

REVIEWED BY:

J. H. ... 7/5/83
Chairman Operations
Committee

ATTACHMENT 1

EMERGENCY COORDINATOR'S CHECKLIST

TIME

- _____ (a) Determine status of the plant
- _____ (b) Activate the DAEC Emergency Plan
- _____ (c) Notify the Director, Nuclear Generation or Alternate of declared EAL (EPIP 1.2)
- _____ (d) Assure that initial notification is made to offsite agencies.
- _____ (e) Verify notification of the Emergency Response Organization.
- _____ (f) Assure responsibility for notification of offsite agencies.
- _____ (g) Assure that continuous communications are established and maintained with the NRC.
- _____ (h) Verify activation of the OSC and TSC (EPIP 2.1 and EPIP 2.2) and report status to the ER & RD.
- _____ (i) Perform evaluations of plant conditions based upon information obtained from the Control Room.
- _____ (j) Review the EAL Classification (EPIP 1.1)
- _____ (k) Review the Accountability Report (EPIP 4.1, 4.3)
- _____ (l) Determine the need to evacuate nonessential personnel (Required for Site or General Emergency) to an off site location (EPIP 4.1)
- _____ (m) Review results of dose projection (EPIP 3.3)
- _____ (n) Make protective action recommendations as necessary (Attachment 3 of EPIP 4.4) Recommendation should take into account existing plant conditions and potential conditions due to projected plant degradation.
- _____ (o) Authorize dispatch of survey teams as necessary (EPIP 3.1)
- _____ (p) Authorize dispatch of off-site monitoring team as necessary (EPIP 3.2)
- _____ (q) Authorize dispatch of rescue/repair teams as necessary (EPIP 4.3)
- _____ (r) Authorize emergency exposure limits (EPIP 3.1, 4.3.1c, 4.4, and 4.8)
- _____ (s) Maintain communications with the EOF
- _____ (t) Notify offsite support agencies of survey results and current meteorological conditions (Attachment 2 of EPIP 4.4)
- _____ (u) Determine long term manpower and equipment needs.
- _____ (v) Assure that the Emergency Plan is deactivated and offsite agencies/personnel notified after the plant is restored to a safe condition (EPIP 5.1)
- _____ (w) Provide verbal summary to ER & RD when emergency conditions is resolved and a written summary within 8 hours. Unusual Event requires written summary within 24 hours.

NAME

DATE

Iowa Electric Light and Power Company

July 11, 1983
NG-83-2422

50-331

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Project: Duane Arnold Energy Center
Subject: Transmittal of Emergency Planning Documents
File: A-221

Dear Mr. Denton:

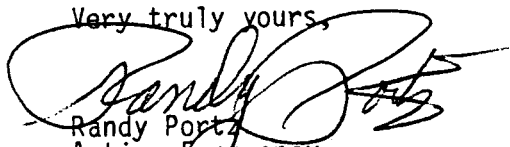
We are forwarding, in accordance with Appendix E to 10CFR50, thirteen controlled copies (10 to NRR and three to I&E) of our

- | | | |
|-------------------------------------|--|--------------------|
| <input type="checkbox"/> | Duane Arnold Energy Center Emergency Plan | Revision _____ |
| <input checked="" type="checkbox"/> | Emergency Plan Implementing Procedure (EPIPs) | Revision <u>15</u> |
| <input type="checkbox"/> | Iowa Electric Light and Power Company Corporate
Emergency Response Plan | Revision _____ |
| <input type="checkbox"/> | Corporate Plan Implementing Procedure (CPIPs) | Revision _____ |

Insert the revised document(s) in your files and discard the obsolete one(s). Please acknowledge the receipt of the enclosed documents by signing and dating the section below and returning a copy of this letter to me.

Information considered proprietary to Iowa Electric has been marked with red brackets as specified in Mr. Eisenhut's letter of July 9, 1981.

Very truly yours,


Randy Portz
Acting Emergency
Planning Coordinator

RJP/dmh*

cc: R. Salmon
J. Keppler/NRC (1)

X005
1/10

The document(s) listed above have been received by the NRC.

1. Headquarters, NRR., _____, _____
Control Copy Nos. 91-92 Date
2. NRC Region III, _____, _____
Control Copy Nos. 82 Date

**TRANSMITTAL/ACKNOWLEDGEMENT
MEMORANDUM**

NRC-NRR-1710 NOTIFICATION NO.: 15
DATE: July 7, 1983

SUBJECT: EMERGENCY PLAN IMPLEMENTING PROCEDURES MANUAL

X Procedures (////////Series/Manual No.////////)

Revisions to your controlled copy of the manual, as checked above, are attached. As indicated below, please remove and discard the superseded material and insert the revised material, or perform the changes as directed herein.

MANUAL CONTENTS	REMOVE		INSERT	
	REV.	DATE	REV.	DATE
Revision Control Sheet	14	6/24/83	15	7/7/83
Index	6	3/15/83	7	7/7/83
EPIP 2.3	0	12/2/81	DELETE THIS PROCEDURE	
EPIP 7.1	N/A	N/A	0	6/27/83

Please acknowledge that the above action has been taken by signing below and returning this memorandum to document control of the following organization. (PLEASE RETURN WITHIN 10 DAYS.)

- | | |
|---|--|
| <input type="checkbox"/> Quality Assurance | <input checked="" type="checkbox"/> DAEC |
| <input type="checkbox"/> Design Engineering | <input type="checkbox"/> Mechanical/Nuclear |
| <input type="checkbox"/> Nuclear Lic. & Fuels | <input type="checkbox"/> Nuclear Generation Div. |
| <input type="checkbox"/> Purchasing | |

I have inserted the above revisions in the Manual.

Signed Date