

REPORT OF ABNORMAL OCCURRENCE AND/OR INCIDENT

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2783

FILE: INCIDENT REPORT FILE

FROM: Iowa Electric Light and Power Co. Cedar Rapids, Iowa G.G. Hunt			DATE OF DOC 27837-75	DATE REC'D 3-13-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. James G. Keppler			ORIG 1-signed	CC	OTHER	SENT AEC PDR xxx SENT LOCAL PDR xxx		
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION: Ltr trans the following: PLANT NAME: Duane Arnold	ENCLOSURES: Abnormal Occurrence #75-11 on 2-27-75 concernin inoperable RHR Service Water Crosstie Valve
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FOR ACTION/INFORMATION

3-15-75 JGB

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1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
5 - ACRS SENT TO LIC ASST		
** SEND ONLY TEN DAY REPORTS		

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

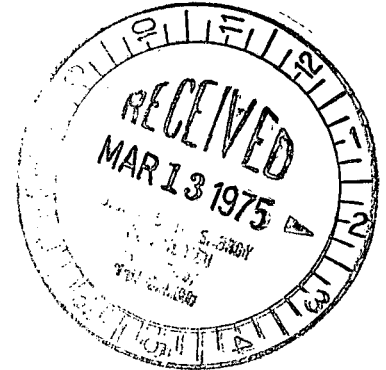
CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

March 7, 1975

DAEC - 75 - 99

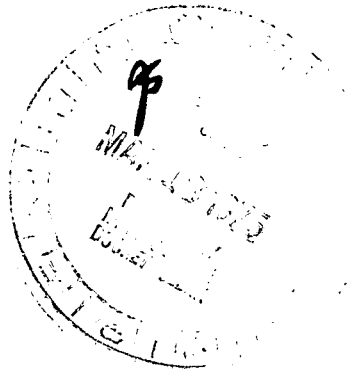


Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

SUBJECT: Abnormal Occurrence No. A.O. 50-331/75-11
FILE: A-118a
A-110

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49,
Technical Specifications and Bases for Duane Arnold Energy Center,
please find enclosed a written report on the subject abnormal occurrence.



Very truly yours,

A handwritten signature in cursive script, appearing to read "G. G. Hunt".

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

DLW/GGH/pag
Enclosure

CC:	E. G. Gase	H. W. Rehrauer-Chairman, Safety Committee
	C. W. Sandford	G. A. Cook
	J. A. Wallace	D. L. Wilson
	E. L. Hammond	J. V. Vinquist
	B. R. York	J. R. Newman
	R. R. Rinderman	O. C. Schellberg
	L. D. Root	B. L. Hopkins

2783

MAR 10 1975

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence
Report Number: A.O. 50-331/75-11
Report Date: March 7, 1975
Occurrence Date: February 27, 1975
Facility: Duane Arnold Energy Center, Unit No. #1, Palo, Iowa

Identification of Occurrence

Inoperable RHR Service Water Crosstie Valve, reportable in accordance with Appendix A to Operating License DPR-49, Specification 1.0.4.d.

Conditions Prior to Occurrence

Reactor at steady state power conditions, 1024 megawatts thermal.

Description of Occurrence

While attempting to operate MOV-1943B in the performance of Surveillance Test Procedure No. 45C001 - RHR Service Water System, control power was lost to the valve.

Designation of Apparent Cause of Occurrence

The cause of the occurrence was a blown control power fuse. High current caused by a sticking interlock on the forward-reverse starter mechanism in the motor control center was the cause of the blown fuse.

Analysis of Occurrence

MOV-1943B functions as a crosstie between "B" RHR Service Water Loop and the RHR System. The crosstie provides the capability for flooding the drywell with RHR Service Water if required. Another crosstie valve, MOV-1943A, functions as a crosstie between "A" RHR Service Water Loop and the RHR System. MOV-1943A provides redundant capability for flooding the drywell, when required, and was verified operable during the Surveillance Test.

3/7/75

Corrective Action

The blown control power fuse was replaced. After subsequent investigation revealed the sticking interlock on the forward-reverse starter mechanism, the interlock was cleaned and the valve successfully cycled. Also, a non-conformance evaluation has been requested to determine if further action should be taken to prevent repetition of the occurrence.

Conclusion

This report was reviewed and approved by the Operations Committee on March 7, 1975. The Committee concluded that the occurrence did not present a hazard to the health and safety of the public.



G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

DLW/GGH/pag