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Iowa Electric Light & Pwr Cedar Rapids, Iowa Mr. G.G. Hunt	10-7-74	10-18-74	X			

TO:	ORIG	CC	OTHER	
J.G. Keppler	1 signed			SENT AEC PDR XXX SENT LOCAL PDR XXX

CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	XXX			40	50-331

DESCRIPTION:

Ltr reporting an abnormal Occurrence at the Duane Arnold Energy Center...trans the following...

ENCLOSURES:

Abnormal Occurrence No. AO-50-331/74-40 concerning HPCI Turbine Steam Line High Flow Trip Setting..out of tech specs....

(40 cys encl rec'd)

ACKNOWLEDGED

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION

10-21-74 JB

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Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER
PALO, IOWA
OCTOBER 7, 1974
DAEC - 74 - 350

RECEIVED OCT 18 1974 Mail Section

Mr. James G. Keppler, Director
Regulatory Operations Regional Office
U. S. Atomic Energy Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

SUBJECT: Abnormal Occurrence No. DPR 50-331/74-40
FILE: A-118a

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,

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

DLW:GGH:bh
Enclosure

CC: E. G. Case
C. W. Sandford
J. A. Wallace
E. L. Hammond
B. R. York
R. R. Rinderman
L. D. Root
H. W. Rehrauer, Chairman, Safety Committee
G. A. Cook
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10817

OCT 11 1974

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject:	Abnormal Occurrence
Report Number:	AO 50-331/74-40
Report Date:	October 7, 1974
Occurrence Date:	October 2, 1974
Facility:	Duane Arnold Energy Center, Unit #1, Palo, Iowa

Identification of Occurrence

HPCI Turbine Steam Line High Flow trip setting, reportable in accordance with Appendix A to Operating License DPR-49, Specifications, 1.0.4.a and 3.2.B.

Description of Occurrence

During the performance of Surveillance Test Procedure No. 42B025 - HPCI Steam Line High DP Instrument Functional Test and Calibration, it was determined that the trip setting of PDIS 2244 (Channel A) was + 250" H_2O (Tech. Spec. Limit + 225" H_2O $\pm$ 15" H_2O).

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was an intermittent micro-switch fault in PDIS 2244. Previous Surveillance Testing on PDIS 2244 indicated no trending towards an out-of-specification condition.

Analysis of Occurrence

It has been determined that the occurrence did not present an unsafe plant condition. A redundant pressure differential indicating switch (PDIS 2245) was verified operable during the Surveillance Test and would have provided HPCI Turbine Steam Line High Flow Trip capabilities if required.

Corrective Action

PDIS 2244 was replaced and the micro-switch in PDIS 2244 was retested.

Failure Data

Nomenclature: Pressure Differential Indicating Switch

Model Number: 288A

Manufacturer: ITT - Barton

There have been no other malfunctions of this type at this facility to date.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on October 7, 1974. 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:bh