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CONTROL NO: 8381

FILE: INCIDENT REPORT FILE

FROM: Iowa Elec. Light & Power Co. Cedar Rapids, Iowa G.G. Hunt		DATE OF DOC 7-31-75	DATE REC'D 8-6-75	LTR XX	TWX	RPT	OTHER
TO: Mr. J. G. Keppler		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		

DESCRIPTION: Ltr trans the following:

PLANT NAME: Duane Arnold Plant

ENCLOSURES: Abnormal Occurrence A0-50-331/75-42 on 7-24-75 re failure of pressure switch PS-4543.....

(1 Orig cy encl rec'd) **Do Not Remove**

ACKNOWLEDGED

FOR ACTION/INFORMATION

DHL 8-8-75

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A104

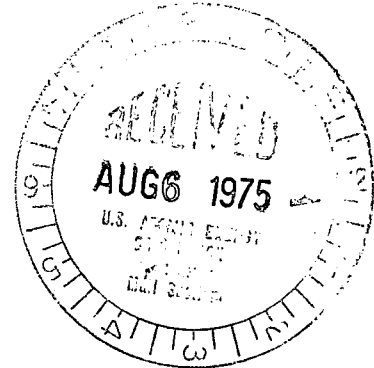
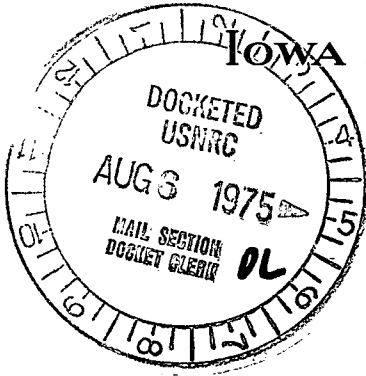
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Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA
DUANE ARNOLD ENERGY CENTER
PALO, IOWA
JULY 31, 1975
DAEC- 75 -305



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. AO 50-331/75-42

File: A-110, 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.

Mr. C. D. Feierabend, of your office, was notified of the abnormal occurrence by telephone on July 24, 1975.

Very truly yours,

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

OCS/GGH/mg

cc: B. C. Rusche
C. W. Sandford
J. A. Wallace
L. Liu
H. W. Rehrauer - Chairman, Safety Committee
J. R. Newman
E. L. Hammond

8381

AUG 4 1975

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence Original w/ff. Dated 7-31-75
Report Number: AO 50-331/75-42
Report Date: July 29, 1975
Occurrence Date: July 24, 1975
Facility: Duane Arnold Energy Center, Unit No. 1, Palo, Iowa

Identification of Occurrence

Reactor Pressure Permissive trip level setting reportable per Appendix A, Operating License DPR-49, Specification 1.0.4.b and Table 3.1-1.

Description of Occurrence

During the performance of Surveillance Test Procedure (STP) 41A022, "Reactor Pressure Permissive Instrument Functional Test and Calibration", Pressure Switch (PS) 4543 was found at 1070 psig and PS 4547 was found at 1075 psig. The Technical Specifications list the correct limit as 1035 psig. To this number (1035) is added 14.2 psig for water leg correction and plus or minus 15 psig for instrument tolerance. The correct bypass permissive limit is therefore 1049.2 ± 15 psig.

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was instrument drift.

Analysis of Occurrence

It has been determined that the occurrence did not have a deleterious affect on plant safety. The system would have provided its intended safety function since one instrument channel in Trip System A and one instrument channel in Trip System B were fully operable.

Corrective Action

PS 4543 and PS 4547 were immediately recalibrated. The trending program of previous test results on these pressure switches did not show a trend towards an out-of-calibration condition.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on July 29, 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