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FILE: INCIDENT REPORT FILE

FROM: Iowa Electric Light & Pwr. Company Palo, Iowa E.L. Hammond		DATE OF DOC 10-4-75	DATE REC'D 10-15-75	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: ENCLOSURES: Abnormal Occurrence A0-50-331/75-50 on 9-24-75 re main steam line low pressure switch out-of-calibration caused by an instrument drift...

~~Do Not Remove~~
ACKNOWLEDGED

PLANT NAME: ~~XXXXXX~~ Duane Arnold

FOR ACTION/INFORMATION

DHL 10-16-75

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JRS A0-4

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA
DUANE ARNOLD ENERGY CENTER
PALO, IOWA
OCTOBER 4, 1975
DAEC - 75 - 370



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 50-331/75-50
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.

Very truly yours,

C. L. Hammond
E. L. Hammond
Assistant Chief Engineer
Duane Arnold Energy Center

DLW/ELH/mg

cc: B. C. Rusche
D. Arnold
J. A. Wallace
L. Liu
H. W. Rehrauer - Chairman, Safety Committee
J. R. Newman
G. G. Hunt

11941

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence ~~Received by DAEC~~ 10-4-75
Report Number: AO 50-331/75-50
Report Date: October 3, 1975
Occurrence Date: September 24, 1975
Facility: Duane Arnold Energy Center, Unit No. 1, Palo, Iowa

Identification of Occurrence

Main steam line low pressure switch out-of-calibration, reportable in accordance with Appendix A to Operating License DPR-49, Specifications 1.0.4.b and 3.2.A (Table 3.2-A).

Description of Occurrence

During the performance of Surveillance Test Procedure 42A003 - Main Steam Line Low Pressure Instrument Functional Test/Calibration, pressure switch PS 1017 tripped at 862 psig. The limiting setpoint for operation is ≥ 865 psig.

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was instrument drift. Previous surveillance data for PS1017 did not indicate a trend towards an out-of-specification condition.

Analysis of Occurrence

It has been determined that the occurrence did not present an unsafe plant condition. Each of the four trip channels in the nuclear steam supply sheet system contains one main steam line low pressure switch. PS 1017 is located in trip channel B2. Since channel B was found to be calibrated within limits during the surveillance test and since the main steam line low pressure switches are connected in a one out-of-two twice logic, the trip capability of trip system B was still maintained.

Corrective Action

PS 1017 was recalibrated with the setpoint in the conservative direction and within instrument tolerance limits.

Future data resulting from the performance of STP 42A003 will be monitored closely for verification that PS 1017 is not trending towards an out-of-specification condition.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on October 4, 1975. The Committee concluded that the occurrence did not present an unsafe plant condition.

E. L. Hammond

E. L. Hammond

Assistant Chief Engineer, DAEC