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CONTROL NO: 7297

FILE: INCIDENT REPORT FILE

FROM: Iowa Elec. Light & Power Company Palo, Iowa E.L. Hammond			DATE OF DOC 7-4-75	DATE REC'D 7-11-75	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/ 75-34 on 6-26-75 re inoperable reactor vessel shroud level(RHR) level indicating transmitter switch (LITS)....				
PLANT NAME: Duane Arnold Plant				(1 Orig cy encl recd)				

**Do Not Remove  
ACKNOWLEDGED**

**FOR ACTION/INFORMATION DHL 7-11-75**

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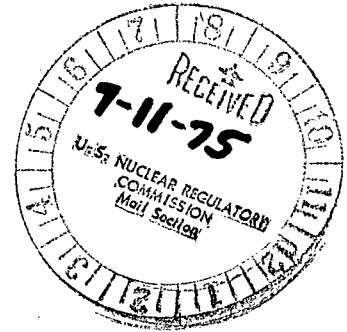
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1 - Newton Anderson	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
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** SEND ONLY TEN DAY REPORTS		

Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
JULY 4, 1975  
DAEC 75 -267



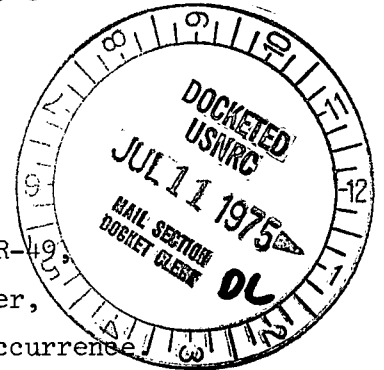
Mr. James G. Keppler, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission - Retion III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

SUBJECT: Abnormal Occurrence No. AO. 50-331/75-34

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 June 26, 1975.

Very truly yours,

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

DLW/ELH/mg

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

7297

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

SUBJECT: Abnormal Occurrence

REPORT NUMBER: AO 50-331-75-34

Received w/ Ltr Dated 7-4-75

REPORT DATE: July 4, 1975

OCCURRENCE DATE: June 26, 1975

FACILITY: Duane Arnold Energy Center, Unit No. 1, Palo, Iowa

Identification of Occurrence

Inoperable reactor vessel shroud level (RHR) level indicating transmitter switch (LITS), reportable in accordance with Appendix A to Operating License DPR-49, Specifications 1.0.4.a and 1.0.4.b.

Description of Occurrence

During the performance of Surveillance Test No. 42B003 - Reactor Vessel Shroud Level (RHR) Instrument Functional Test and Calibration, LITS 4565 failed to trip.

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was instrument drift.

Analysis of Occurrence

The purpose of the RHR reactor vessel shroud level instrumentation for containment spray is to permit manual actuation of the containment spray systems only when the coolant level in the reactor vessel is above 2/3 core height. Although the failure of LITS 4565 to trip would have prevented the permissive signal for initiation of containment spray loop A, Operating personnel could have bypassed the permissive signal requirement if operation of the containment spray system had been required. Therefore, the occurrence did not present an unsafe plant condition.

Corrective Action

LITS 4565 was recalibrated and functionally tested.

Functional testing of LITS 4565 will be increased to bi-weekly for a two-month period to verify that the excessive instrument drift condition is not repetitive in nature.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on July 4, 1975. The Committee concluded that the occurrence did not present a hazard to the health and safety of the public.

*E. L. Hammond*

E. L. Hammond  
Assistant Chief Engineer  
DAEC

# IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

JUNE 30, 1975

DAEC -75- 259

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

50-331  
AO 75-34

SUBJECT: Abnormal Occurrence Notification

FILE: A-110, A-118a

Dear Mr. Keppler:

In accordance with DAEC Technical Specifications, Specification 6.11.2.A.1, this letter is a notification of an Abnormal Occurrence at the Duane Arnold Energy Center on June 26, 1975. The delay in reporting the abnormal occurrence was the result of an administrative error.

## Identification of Occurrence

Inoperable reactor vessel shroud level (RHR) level indicating transmitter switch (LITS) reportable in accordance with Appendix A to Operating License DPR-49, Specifications 1.0.4.a and 1.0.4.b.

## Description of Occurrence

During the performance of Surveillance Test No. 42B003 - Reactor Vessel Shroud Level (RHR) Instrument Functional Test/Calibration, LITS 4565 would not trip at the required set point.

Investigation is continuing and a formal written report will be submitted to the Office of Inspection and Enforcement within 10 days of the subject abnormal occurrence.

Very truly yours,

*E. L. Hammond*

E. L. Hammond  
Assistant Chief Engineer  
DAEC

DLW/ELH/mg

cc: (B. C. Rusche,) C. W. Sandford, J. A. Wallace, L. D. Root, B. R. York,  
D. L. Wilson, R. R. Rinderman, G. A. Cook, H. Rehrauer, G. G. Hunt