

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 1288

FILE: INCIDENT REPORT

FROM: Iowa Electric & Power Co. Cedar Rapids, Iowa G.G. Hunt		DATE OF DOC 1-30-75	DATE REC'D 2-4-75	LTR XXXX	TWX	RPT	OTHER
TO: Mr. James G. Keppler		ORIG no	CC 1	OTHER	SENT AEC PDR XXXX		
					SENT LOCAL PDR XXXX		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		

DESCRIPTION:

Ltr trans the followigg:

**ACKNOWLEDGED**

**DO NOT REMOVE**

ENCLOSURES:

Abnormal Occurrence #75-4 on 1-28-75 concerning  
Out-of-specification main steam line low  
pressure switches .....

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION 2-6-75 JGB

BUTLER (S)	SCHWENCER (S)	ZIEMANN (S)	REGAN (E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK (S)	STOLZ (S)	DICKER (E)	LEAR (S)
W/ Copies	W/ Copies	W/ Copies	W/ 4 Copies
PARR (S)	VASSALLO (S)	KNIGHTON (E)	SPEIS (S)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL (S)	PURPLE (S)	YOUNGBLOOD (E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>DENTON</u>	<u>LIC. ASST.</u>	<u>A/T IND</u>
✓ AEC PDR	✓ SCHROEDER	GRIMES	DIGGS (S)	BRAITMAN
✓ LOGC, ROOM P-506-A	✓ MACCARRY	GAMMILL	GEARIN (S)	SALTZMAN
✓ MUNIZING/STAFF	✓ KNIGHT	✓ KASTNER	GOULBOURNE (S)	B. HURT
✓ CASE	✓ PAWLICKI	BALLARD	KREUTZER (E)	
GIAMBUSSO	✓ SHAO	SPANGLER	LEE (S)	<u>PLANS</u>
BOYD	✓ STELLO		MAIGRET (S)	MCDONALD
MOORE (S) (BWR)	✓ HOUSTON	<u>ENVIRO</u>	REED (E)	CHAPMAN
DEYOUNG (S) (PWR)	✓ NOVAK	MULLER	SERVICE (S)	DUBE w/input
SKOVHOLT (S)	✓ ROSS	DICKER	SHEPPARD (S)	E. COUPE
GOLLER (S)	✓ IPPOLITO	KNIGHTON	SLATER (E)	✓ R. Hartfield (2)
P. COLLINS	✓ TEDESCO	YOUNGBLOOD	SMITH (S)	✓ KLECKER
DENISE	✓ LONG	REGAN	✓ FEETS (S)	✓ F. WILLIAMS
<u>REG OPR</u>	✓ LAINAS	PROJECT LDR	WILLIAMS (E)	
✓ FILE & REGION	✓ BENAROYA		WILSON (S)	
✓ T.R. WILSON	✓ STEELE	<u>HARLESS</u>	INGRAM (S)	
	✓ VOLIMER			

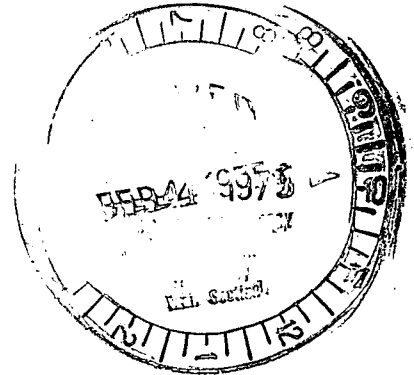
EXTERNAL DISTRIBUTION

✓ 1-LOCAL PDR Cedar Rapids, Iowa	(1) (2) (10) -NATIONAL LABS	1-PDR SAN/LA/NY (4)
✓ 1-TIC (ABERNATHY)	1-W. PENNINGTON, RM E-201 G.T.	1-BROOKHAVEN NAT LAB
✓ 1-NSIC (BUCHANAN)	1-CONSULTANTS	1-G. ULRIKSON, ORNL
1-ASLB	NEWMARK/BLUME/AGBABIAN	1-AGMED (RUTH GUSSMAN)
1-NEWTON ANDERSON		RM B-127 G.T.
✓ 1-ACRS SENT TO LIC. ASST. <b>TEETS</b>		1-J. RUNKLES, RM E-201
		G.T.

Regulatory File 07.

# IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office  
CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
JANUARY 30, 1975  
DAEC - 75 - 31



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

SUBJECT: Abnormal Occurrence No. DPR 50-331/75-4  
FILE: A-118a  
A-110

Dear Mr. Keppler:

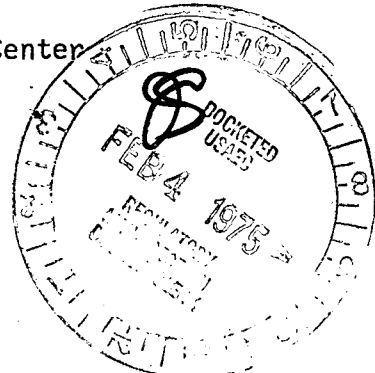
In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occurrence.

Very truly yours,

G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

DLW:GGH:bh  
Enclosure

CC: ✓ E. G. Case  
C. W. Sandford  
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E. L. Hammond  
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R. R. Rinderman  
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H. W. Rehrauer-Chairman, Safety Committee  
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J. R. Newman  
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# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*  
CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence  
Report Number: A.O. 50-331/75-4  
Report Date: January 30, 1975  
Occurrence Date: January 28, 1975  
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

## Identification of Occurrence

Out-of-specification main steam line low pressure switches reportable in accordance with Appendix A to Operating License DPR-49, Specifications 1.0.4.b and Table 3.2-A.

## Description of Occurrence

During the performance of Surveillance Test No. 42A003 - Main Steam Line Low Pressure, it was determined that the trip settings for Pressure Switches 1014 and 1015 were as follows:

	<u>Trip Settings</u>
PS 1014	858 psig
PS 1015	856 psig

The Technical Specification limit for main steam line low pressure trip settings is  $\geq 880$  psig  $\pm 15$  psig instrument tolerance.

## 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 present an unsafe plant condition. Although the switches were slightly out-of-calibration, they were determined to be mechanically operable during the Surveillance Test.

Pressure switches 1014 and 1015 provide inputs to Nuclear Steam Supply Shutoff System (NSSSS) trip channels A and B, respectively. Since redundant pressure switches in each NSSSS trip channel were found to be within calibration during the Surveillance Test, the operability of the NSSSS was not impaired.

Corrective Action

Pressure switches 1014 and 1015 were recalibrated.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on January 30, 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:bh