

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 906

FILE: INCIDENT REPORT

<b>FROM:</b> Iowa Elec. Light & Power Cedar Rapids, Io E. Hammond		<b>DATE OF DOC</b> 1/23/75	<b>DATE REC'D</b> 1/28/75	<b>LTR</b> XX	<b>TWX</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> James G. Keppler		<b>ORIG</b>	<b>CC</b> 1	<b>OTHER</b>	<b>SENT AEC PDR</b> XXX		
					<b>SENT LOCAL PDR</b> XXX		
<b>CLASS</b>	<b>UNCLASS</b> XXXX	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b> 1	<b>DOCKET NO:</b> 50-331		

**DESCRIPTION:**

Ltr trans the following:

**ENCLOSURES:**

Abnormal occurrence #DPR 50-331/75-1 on 1/15/75 re: out-of-specification main steam line high flow pressure differential indicating switches

**PLANT NAME:** Duane Arnold #1

**ACKNOWLEDGED**  
**DO NOT REMOVE**

FOR ACTION/INFORMATION LDM 1/29/75

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/ Copies
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**INTERNAL DISTRIBUTION**

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

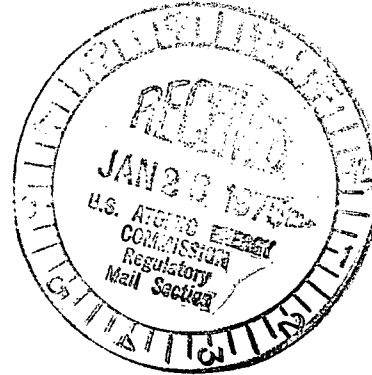
**EXTERNAL DISTRIBUTION**

✓ 1-LOCAL PDR Cedar Rapids, IO	(1) (2) (10) -NATIONAL LABS	1-PDR SAN/LA/NY
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✓ 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.
✓ 5-ACRS SENT TO LIC. ASST.		1-J. RUNKLES, RM E-201
Teets 1-29-75		G.T.

# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*

CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
JANUARY 23, 1975  
DAEC - 75 - 24



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 50-331/75-1  
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,

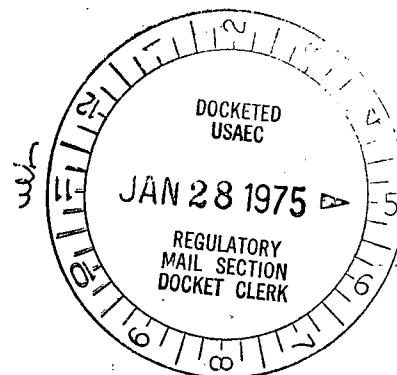
*E. L. Hammond*

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

DLW:ELH:bh  
Enclosure

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

J. V. Vinquist  
J. R. Newman  
B. L. Hopkins



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# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*  
CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence  
Report Number: A.O. 50-331/75-1  
Report Date: January 23, 1975  
Occurrence Date: January 15, 1975  
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

## Identification of Occurrence

Out-of-specification main steam line high flow pressure differential indicating switches, reportable in accordance with Appendix A, Operating License DPR-49, Specification 1.0.4.b.

## Description of Occurrence

During the performance of Surveillance Test Procedure 42A004 - Main Steam Line High Flow, it was determined that the following pressure differential indicating switches were out-of-calibration:

<u>PDIS No.</u>	<u>As Found Trip Setting</u>	<u>(% Flow)</u>
4432A	125.0 psid	(144.4)
4436A	118.5 psid	(140.4)
4438A	119.0 psid	(140.9)
4432B	119.0 psid	(140.9)
4436B	122.0 psid	(142.7)
4434C	121.0 psid	(142.1)
4436C	122.0 psid	(142.7)
4434D	118.5 psid	(140.4)
4436D	118.5 psid	(140.4)
4438D	120.7 psid	(142.1)

The Technical Specification Limit for main steam line high flow trip setting is  $115 \pm 3$  psid (140% flow).

## Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was instrument drift. Previous surveillance testing indicated no trending towards an out-of-calibration condition.

1/15/75

Analysis of Occurrence

It has been determined that the occurrence did not present an unsafe plant condition. At least one pressure differential indicating switch on each main steam line was found to be operable and within calibration during the surveillance test.

Corrective Action

The subject pressure differential indicating switches were immediately recalibrated.

The surveillance frequency for the main steam line high flow pressure switches will be increased to bi-monthly through February 1975. If surveillance testing does not indicate a trend towards an out-of-specification condition, the normal surveillance interval (monthly) will be resumed in March.

Conclusion

The DAEC Operations Committee reviewed and approved this report on January 23, 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