AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1056

FILE: INCIDENT REPORT

FROM:	DATE OF DOC	DATE REC'D	LTR	TWX	RPT	OTHER
Iowa Electric Light & Power Co. Cedar Rapids Iowa E.L. Hammond	1-23-75	1-30-75	xxx			

TO:	ORIG	CC	OTHER	SENT AEC PDR	SENT LOCAL PDR
Mr. James G. Keppler	1-signed			xxxx	xxxx

CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	xxxx			1	50-331

DESCRIPTION:
Ltr trans the following:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Duane Arnold

ENCLOSURES:
Abnormal Occurrence #75-1 on 1-15-75 concerning out - of - specification main steam line high flow pressure differential indicating switches
.....

FOR ACTION/INFORMATION 1-31-75 MGB

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

✓REG FILE	TECH REVIEW	DENTON	LIC. ASST.	A/T IND
✓AEC PDR	✓SCHROEDER	GRIMES	DIGGS (S)	BRAITMAN
✓OGC, ROOM P-506-A	✓MACCARRY	GAMMILL	GEARIN (S)	SALTZMAN
✓MUNTZING/STAFF	✓KNIGHT	✓KASTNER	GOULBOURNE (S)	B. HURT
✓CASE	✓PAWLICKI	BALLARD	KREUTZER (E)	
GIAMBUSSO	✓SHAO	SPANGLER	LEE (S)	PLANS
BOYD	✓STELLO		MAIGRET (S)	MCDONALD
MOORE (S) (BWR)	✓HOUSTON	ENVIRO	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	✓TEETS (S)	✓F. WILLIAMS
REG OPR	✓LAINAS	PROJECT LDR	WILLIAMS (E)	
✓FILE & REGION (2)	✓BENAROYA		WILSON (S)	
✓T.R. WILSON	✓STEELE	✓VOLIMER	HARLESS	INGRAM (S)

EXTERNAL DISTRIBUTION

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

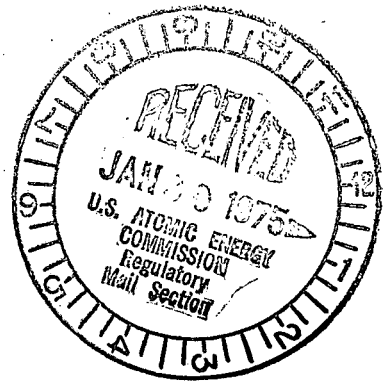
Regulatory File Cy.

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:

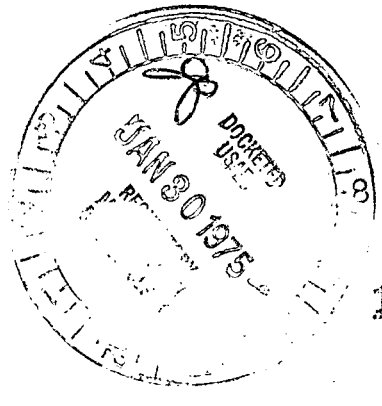
In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occcurrence.

Very truly yours,

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



1050

JAN 27 1975

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:

PDIS No.	As Found Trip Setting	(% Flow)
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.

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