

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1058

FILE: INCIDENT REPORT

FROM: Iowa Electric & Power Co. Cedar Rapids, Iowa G.G. Hunt			DATE OF DOC 1-24-75	DATE REC'D 1-30-75	LTR XXXX	TWX	RPT	OTHER
TO: Mr. James G. Keppler			ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>XXXXX</u> SENT LOCAL PDR <u>XXXX</u>		
CLASS	UNCLASS xxx	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION:

Ltr transs the Following:

ACKNOWLEDGED

DO NOT REMOVE

ENCLOSURES:

Abnormal Occurrence #75-3 on 1-17-75 concerning out-of-specification reactor low pressure switch.....

PLANT NAME: Duane Arnold #1

FOR ACTION/INFORMATION 1-31-85 JGB

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

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

1-LOCAL PDR Cedar Rapids, Iowa	(1)(2)(10)-NATIONAL LABS	1-PDR SAN/CA/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) RM B-127 G.T.
1-NEWTON ANDERSON		1-J. RUNKLES, RM E-201 G.T.
5-ACRS SENT TO LIC. ASST. TEETS		

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

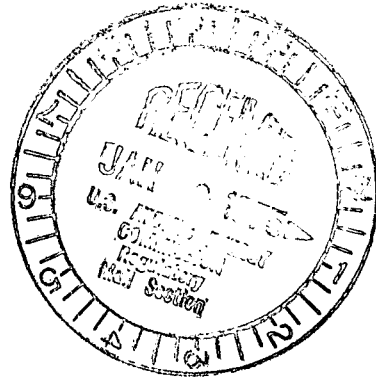
CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

JANUARY 24, 1975

DAEC - 75 - 26



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 50-331/75-3
FILE: A-118a
A-110

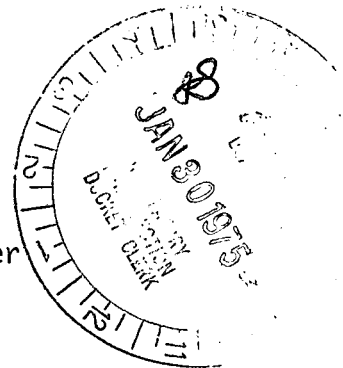
Dear Mr. Keppler:

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.

Mr. C. D. Feierabend, of your office, was notified of the occurrence at 1600 hours on January 17, 1975.

Very truly yours,

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center



OCS:GGH:bh
Enclosure

CC: E. G. Case
C. W. Sandford
J. A. Wallace
E. L. Hammond
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

1058

JAN 27 1975

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence
Report Number: A.O. 50-331/75-3
Report Date: January 23, 1975
Occurrence Date: January 17, 1975
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

Identification of Occurrence

Out-of-specification reactor low pressure switch, reportable in accordance with Appendix A, Operating License DPR-49, Specification 1.0.4.b.

Description of Occurrence

During the performance of STP 42B007, Reactor Low Pressure (CS, RHR) Instrument Functional Test and Calibration, Pressure Switch (PS) 4529 was found to have a trip point of 433 psig. Table 3.2-B of the Technical Specifications gives the correct trip level setting as 456.7 ± 15 psig (450 psig set point + 6.7 psig head correction ± 15 psig instrument design tolerance).

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was instrument drift.

Analysis of Occurrence

Trip System A was not inoperable even though instrument channel A2 (PS 4529) was out-of-specification because instrument channel A1 was within specified limits and could have carried out its intended function of opening the LPCI and Core Spray injection valves had reactor vessel pressure dropped below 450 psig.

Corrective Action

The subject pressure switch was immediately recalibrated and tested. Previous surveillance tests indicated that the switch has a potential for trending towards an out-of-calibration condition. If future tests continue to show the same trend toward an out-of-calibration condition, the calibration frequency will be increased or the switch will be replaced.

1/17/75

Conclusion

The DAEC Operations Committee reviewed 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

OCS:GGH:bh