

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 11314

FILE: _____

FROM: Iowa Elec Light & Power Co. Cedar Rapids, Iowa		DATE OF DOC 10-29-74	DATE REC'D 11-4-74	LTR XXXX	TWX	RPT	OTHER
TO: G.G. Hunt Mr. James G. Keppler		ORIG 1-signed	CC	OTHER	SENT AEC PDR XXXXXXXXXX		
					SENT LOCAL PDR XXXXXXXXXX		
CLASS	UNCLASS XXXXXXXXXX	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO: 50-331		

DESCRIPTION:

Ltr Trans the Following:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Duane Arnold Unit 1

ENCLOSURES:

Abnormal Occurrence #74-43 on 10-19-74
regarding Intermediate Range Monitors (IRM)
inoperable.....

FOR ACTION/INFORMATION 11-6-74 JGB

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

INTERNAL DISTRIBUTION

<u>REG FILE</u> ✓ AEC PDR ✓ OGC, ROOM P-506A ✓ MUNTZING/STAFF ✓ CASE GIAMBUSSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION (3) ✓ MORRIS ✓ STEELE	<u>TECH REVIEW</u> ✓ SCHROEDER ✓ MACCARY ✓ KNIGHT ✓ PAWLICKI ✓ SHAO ✓ STELLO ✓ HOUSTON ✓ NOVAK ✓ BOSS ✓ IPPOLITO ✓ TEDESCO ✓ LONG ✓ LAINAS ✓ BENAROYA ✓ 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 (L) GEARIN (L) GOULBOURNE (L) KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) ✓ TEETS (L) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD CHAPMAN DUBE w/input E. COUPE ✓ D. THOMPSON (2) ✓ KLECKER ✓ EISENHUT
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EXTERNAL DISTRIBUTION

✓ - LOCAL PDR Cedar Rapids, #10	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
✓ - TIC (ABERNATHY) (1)(2)(10)	1 - ASLBP (E/W Bldg, Rm 529)	1 - BROOKHAVEN NAT LAB
✓ - NSIC (BUCHANAN)	1 - W. PENNINGTON, Rm E-201 GT	1 - G. ULRIKSON, ORNL
1 - ASLB	1 - B&M SWINEBROAD, Rm E-201 GT	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson	1 - CONSULTANTS	1 - R. D. MUELLER, Rm E-201 GT
✓ - ACRS	NEWMARK/BLUME/AGBABIAN	

SENT to LIC ASST.
TEETS

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

OCTOBER 29, 1974

DAEC - 74 - 375

File Cy.

Regulatory



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 50-331/74-43
FILE: A-118a

Dear Mr. Keppler:

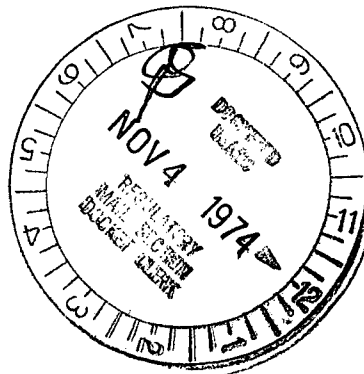
In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occurrence.

Very truly yours,

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

DLW: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. R. Newman
B. L. Hopkins



11314

OCT 31 1974

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office
CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence
Report Number: AO 50-331/74-43
Report Date: October 29, 1974
Occurrence Date: October 19, 1974
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

Identification of Occurrence

Intermediate Range Monitors (IRM) inoperable, reportable in accordance with Appendix A to Operating License DPR-49, 1.0.4.b and Table 3.1-1.

Conditions Prior to Occurrence

Routine Startup Operation in progress.
Reactor critical with 10^4 cps on source range monitors.
Reactor pressure 200 psig.
Reactor temperature 370°F..

Description of Occurrence

At 1825 hours, while commencing a reactor startup, the Reactor Operator observed that IRM instrument channels A and E (RPS Channel A) were inoperable and did not display the required overlap with the source range monitors. In accordance with the DAEC Technical Specifications, RPS Channel A was manually placed in the tripped condition. Reactor startup operations were suspended while the IRM's were repaired.

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was improperly seated coaxial connectors on the input to the respective IRM drawers. The connectors apparently were not properly seated at the completion of previous surveillance testing. (Surveillance Test No. 41A004 - IRM Trip Functional Test and Calibration.)

Analysis of Occurrence

It has been determined that the occurrence did not present an unsafe plant condition. The reactor startup was immediately suspended when the Reactor Operator observed that there was no overlap between the source range and intermediate range monitor channels A and E.

10/19/74

Corrective Action

The improperly seated coaxial connectors were tightened securely. Overlap between the intermediate range and source range monitors was verified before the startup was continued.

Surveillance Test Procedure No. 41A004 will be revised to require verification that the coaxial connectors are properly seated at the conclusion of the test.

Conclusion

This report, including corrective actions, was reviewed and approved by the DAEC Operations Committee on October 29, 1974. 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