

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

CONTROL NO: 11452

FILE: \_\_\_\_\_

FROM: Iowa Electric Light & Power Co. Cedar Rapids, Iowa			DATE OF DOC 10-30-74	DATE REC'D 11-8-74	LTR xxx	TWX	RPT	OTHER
TO: <u>G.G. Hunt</u> Mr. James G. Keppler			ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxxxxxxxxxxxxx</u> SENT LOCAL PDR <u>xxxxxxxxxxxxxx</u>		
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 #74-45 on 10-22-74 regarding Reactor vessel shroud level trip setting.....

**FOR ACTION/INFORMATION**      11-8-74      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/ 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**

<b>REG FILE</b> AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE REG OPR FILE & REGION (3) MORRIS STEELE	<b>TECH REVIEW</b> ✓ SCHROEDER ✓ MACCARY ✓ KNIGHT ✓ PAWLICKI ✓ SHAO ✓ STELLO ✓ HOUSTON ✓ NOVAK ✓ ROSS ✓ PPOLITO ✓ TEDESCO ✓ LONG ✓ LAINAS ✓ BENAROYA ✓ VOLIMER	<b>DENTON</b> GRIMES GAMMILL KASTNER BALLARD SPANGLER  ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR  HARLESS	<b>LIC ASST</b> 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)	<b>A/T IND</b> BRAITMAN SALTZMAN B. HURT  PLANS MCDONALD CHAPMAN DUBE w/input E. COUPE  ✓ D. THOMPSON (2) ✓ KLECKER ✓ EISENHUT
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**EXTERNAL DISTRIBUTION**

✓ LOCAL PDR Cedar Rapids, IO	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
1 - ACRS	NEWMARK/BLUME/AGBABIAN	

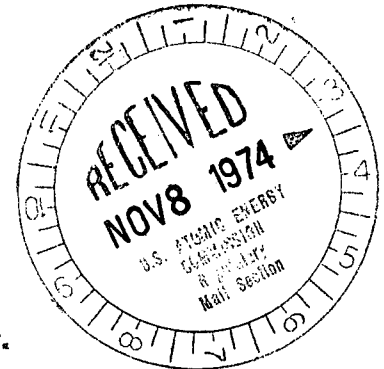
*SENT to Lic Asst.  
TEETS*

*lb*

# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*

CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
OCTOBER 30, 1974  
DAEC - 74 - 381



Mr. James G. Keppler, Director  
Regulatory Operations Regional Office  
U. S. Atomic Energy Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Regulatory

File Cy.

SUBJECT: Abnormal Occurrence No. DPR 50-331/74-45  
FILE: A-118a

Dear Mr. Keppler:

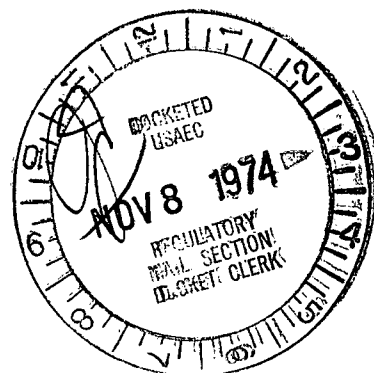
In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occurrence.

Very truly yours,

G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

DLW:GGH:mg  
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



NOV 4 1974

11452

# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence  
Report Number: AO 50-331/74-45  
Report Date: October 30, 1974  
Occurrence Date: October 22, 1974  
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

## Identification of Occurrence

Reactor vessel shroud level trip setting, reportable in accordance with Appendix A to Operating License DPR-49, Specifications 1.0.4.b and 3.2.b.

## Description of Occurrence

During the performance of Surveillance Test Procedure No. 42B003 - Reactor Vessel Shroud Level (RHR) Instrument Functional Test/Calibration, it was determined that the cold water trip settings of LITS 4565 and LITS 4566 were 269 inches and 267 inches respectively. The cold water limit for the Reactor Low Level trip setting, as stated in the Surveillance Test Procedure is  $256.6 \pm 6.7$  inches. ( $256.6 \pm 6.7$  inches corresponds to the Tech. Spec. limit of 305.5 inches corrected for cold water.)

## 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.

## Corrective Action

LITS 4565 and LITS 4566 were recalibrated and retested.

## Conclusion

This report was reviewed and approved by the DAEC Operations Committee on October 30, 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