

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 4949

FILE: 2/8

FROM: Iowa Electric Light & Power Co. Cedar Rapids, Iowa 52406 G. G. Hunt			DATE OF DOC 5-30-74	DATE REC'D 6-4-74	LTR X	MEMO	RPT	OTHER
TO: J. G. Keppler			ORIG NONE	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION:  
Ltr reporting abnormal occurrence on 5-30-74,  
in which it was found that relief valves PSV-  
4401 and PSV-4406 could not be manually opened.

ENCLOSURES:

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

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION 6-5-74 GC

✓ BUTLER(L) W/ 7 Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
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KNIEL(L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ <u>REG FILE</u> ✓ <u>AEC PDR</u> ✓ 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> ✓ HENDRIE ✓ SCHROEDER ✓ MACCARY ✓ KNIGHT ✓ PAWLICKI ✓ SHAO ✓ STELLO ✓ HOUSTON ✓ NOVAK ✓ ROSS ✓ IPPOLITO ✓ TEDESCO ✓ LONG ✓ LAINAS ✓ BENAROYA ✓ VOLLMER	DENTON 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) LEE (L) ✓ MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L)	✓ <u>A/T IND</u> BRAITMAN SALTZMAN B. HURT  ✓ <u>PLANS</u> MCDONALD DUBE w/Input  ✓ <u>INFO</u> C. MILES ✓ KLECKER ✓ EISENHUT  ✓ <u>AOR FILE</u> D. THOMPSON (2)
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EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Cedar Rapids, Iowa	(1) (2X10) NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
1 - P. R. DAVIS (AEROJET NUCLEAR)	NEWARK/BLUME/AGBABIAN	RM-B-127, GT.
✓ 16 - CYS ACRS <del>XXXXXX</del> SENT TO LIC. ASST. 6-5-74 MAIGRET	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
	1-B & M SWINEBROAD, Rm E-201 GT	

## Regulatory Docket File

## IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

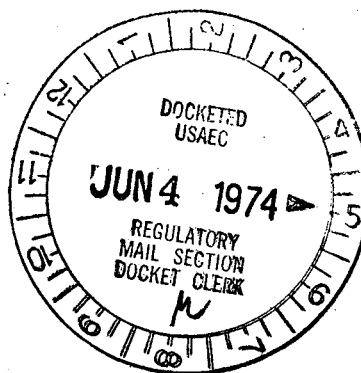
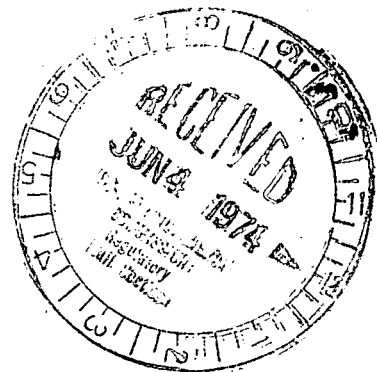
CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

PALO, IOWA

MAY 30, 1974

DAEC - 74 - 203



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

SUBJECT: Abnormal Occurrence No. DPR 49/74-7  
FILE: A-118a  
A-110

Dear Mr. Keppler:

In accordance with the DAEC Technical Specifications, Section 6.11.2A.1, this letter is intended as notification of an abnormal occurrence at the Duane Arnold Energy Center on May 30, 1974. This letter, telecopied to your office, is intended to satisfy the requirement for notification by telegram within 24 hours of the discovery of the abnormal occurrence. Mr. Dwane Boyd was notified at 1300 hours on this date by telephone of the occurrence.

Identification of Occurrence

Conditions which result in a limiting condition for operation established in Technical Specification 3.5.D.2 not being met and a condition which prevented or could have prevented the performance of the intended safety function of an engineered safety feature system.

Description of Occurrence

At 0630 hours on May 22, 1974, the HPCI subsystem was declared inoperable. Surveillance testing was initiated in accordance with the requirements of Specification 4.5.D.2. As a part of that surveillance requirement, the ADS

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subsystem actuation logic was demonstrated to be operable immediately and daily thereafter. At 0430 hours on May 30, 1974, while performing Startup Test Instruction 26 (Relief Valve Testing) it was found that relief valves PSV-4401 and PSV-4406 could not be manually opened. PSV-4406 is part of the ADS System. The reactor will be in a Cold Shutdown Condition within 24 hours.

A formal written report will be submitted to the Office of the Directorate of Regulatory Operations within 10 days of the subject abnormal occurrence. The reason for the inability of the relief valves to open has not yet been determined.

Very truly yours,



G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

OCS/GGH/bh

CC: ✓ John O'Leary  
Washington, D.C.  
C. W. Sandford  
J. A. Wallace  
E. L. Hammond  
B. R. York  
D. L. Wilson  
H. W. Rehrauer - Chairman, Safety Committee  
L. D. Root  
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