

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr Keppler

FROM: Iowa Elec Light & Pwr
Cedar Rapids, Ia
G G Hunt

DATE OF DOCUMENT

12-8-76

DATE RECEIVED

12-13-76

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☐ ORIGINAL☒ UNCLASSIFIED☒ COPY

1cc

DESCRIPTION

Ltr trans the following:

PLANT NAME:

Duane Arnold

ENCLOSURE

Licensee Event Report (RO#76-84) on 11-1-76
concerning trippage of HPCI steam supply
high flow PDIS....

ACKNOWLEDGED

DO NOT REMOVE

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

12-14-76 ehf

☒ BRANCH CHIEF:
W/3 CYS FOR ACTION
☒ LIC. ASST.:
W/ CYS
☒ ACRS CYS HOLDING/SENT

Hear

Parrish

INTERNAL DISTRIBUTION

☒ REG FILE
☒ NRC PDR
☒ I & E (2)
☒ MIPC
☒ SCHROEDER/IPPOLITO
☒ HOUSTON
☒ NOVAK/CHECK
☒ GRIMES
☒ CASE
☒ BUTLER
☒ HANAUER
☒ TEDESCO/MACCARY
☒ EISENHUT
☒ BAER
☒ SHAO
☒ VOLLMER/BUNCH
☒ KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

☒ LPDR: Cedar Rapids, Ia
☒ TIC:
☒ NSIC:

CONTROL NUMBER

12569

12/14/76
R

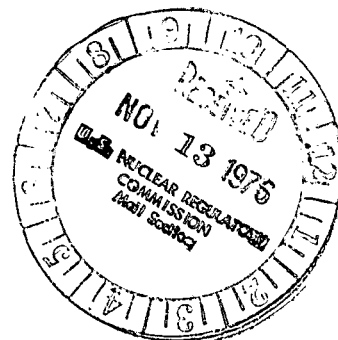
Regulatory

File Cy.

IOWA ELECTRIC LIGHT AND POWER COMPANY

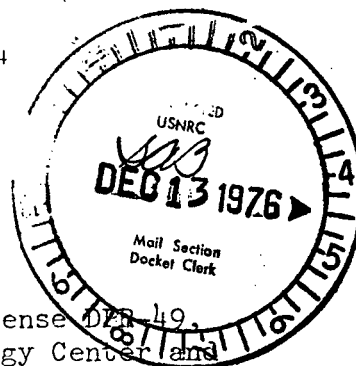
DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
December 8, 1976
DAEC - 76 - 387

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137



Subject: Licensee Event Report No. 76-74
(30 day)

File: A-118a



Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPA-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

G. G. Hunt ELH
G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

GGH/DLW/mg

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

12569

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER														LICENSE TYPE										EVENT TYPE																															
01 I A D A C 1														0 0 - 0 0 0 0 0 0 - 0 0														4 1 1 1 1 1										0 3																															
7	8	9												15												25											31																																
01 CONT														CATEGORY														REPORT TYPE				REPORT SOURCE				DOCKET NUMBER														EVENT DATE										REPORT DATE									
01														57 58														59				60				0 5 0 - 0 3 3 1														1 1 0 1 7 6										1 2 0 8 7 6									
7	8												57												59					60					61												69											75											

EVENT DESCRIPTION

02 During surveillance testing "HPCI Steam Supply High Flow" PDIS 2245 tri
 03 pped at -85 inches of water. The limiting setpoint is -100±7 inches of
 04 water (see AO 74-47). PDIS 2245 was recalibrated and functionally tested.
 05 This incorrect setpoint had no effect on system operation as the high
 06 flow condition will always present a positive value with respect to th

SYSTEM CODE				CAUSE CODE		COMPONENT CODE										PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER						VIOLATION	
07 S F				E		I N S T R U										N		B O 8 0						Y	
7	8	9	10	11		12	17										43	44	47						48

CAUSE DESCRIPTION

08 Instrument drift. The switch is a Barton Instrument Model 288. Future t
 09 est results shall be monitored to determine if further corrective actio
 10 n is necessary.

FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION																				
11 E				0 7 1				NA				B				Surveillance Test																				
7	8	9				10				12				44					45					46												
FORM OF ACTIVITY RELEASED				CONTENT OF RELEASE				AMOUNT OF ACTIVITY								LOCATION OF RELEASE																				
12 Z				Z				NA								NA																				
7	8	9				10				11				44					45					80												

PERSONNEL EXPOSURES

NUMBER				TYPE		DESCRIPTION													
13 0 0 0				Z		NA													
7	8	9				11			12										

PERSONNEL INJURIES

NUMBER				DESCRIPTION															
14 0 0 0				NA															
7	8	9				11			12										

OFFSITE CONSEQUENCES

15 NA															
7	8	9													

LOSS OR DAMAGE TO FACILITY

TYPE				DESCRIPTION												
16 Z				NA												
7	8	9				10										

PUBLICITY

17 NA															
7	8	9													

ADDITIONAL FACTORS

18 Event Desc. cont. - is switch. A possible Tech. Spec. change to eliminate the
 19 requirement for testing the neg. side of this switch is being reviewed. (R076-74)

NAME: J. Van Sickel

PHONE: 319-851-5611

DUANE ARNOLD ENERGY CENTER
Iowa Electric Light and Power Company
LICENSEE EVENT REPORT-Supplemental Data

Licensee Event Report Date: December 8, 1976

Reportable Occurrence No: 76-74

ANALYSIS OF OCCURRENCE

This Reportable Occurrence was originally evaluated as being non-reportable due to the belief that the negative side of PDIS 2245 provided no function. Further analysis of this switch revealed that the negative side of PDIS 2245 is connected to provide an isolation signal at -100 PSID even though the high steam flow condition will always produce a positive value with respect to this switch. In view of the fact that the negative side has a isolation function, even though it is not used, this occurrence was reevaluated as being reportable.

The time lapse between evaluations resulted in this report not being filed within the prescribed time period.

D. Lannam

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
December 8, 1976
DAEC - 76 - 387

Mr. James G. Keppler, Director
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U. S. Nuclear Regulatory Commission - Region III
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Very truly yours,

G. G. Hunt ELH
G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

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DEC 13 1976

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Iowa Electric Light and Power Company

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