

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO:
Mr. James G. Keppler

FROM:
Iowa Elec. Light & Pwr. Co.
Cedar Rapids, Iowa
Ellery L. Hammond

DATE OF DOCUMENT
8/24/77

DATE RECEIVED
9/6/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 signed

DESCRIPTION

PLANT NAME: Duane Arnold
RJL 9/7/77 (1-P)

ENCLOSURE

Licensee Event Report (RO 50-331/77-63) on 8/4/77 concerning the reactor high pressure recirc pump trip pressure switch tripping at 1170 PSIG when the required setpoint is lower....

DO NOT REMOVE

ACKNOWLEDGED

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

1 CY ENCL Rec'd

FOR ACTION/INFORMATION

BRANCH CHIEF:	LEAR
W/ 3 CYS FOR ACTION	
LIC ASST.:	PARRISH

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE			
<input checked="" type="checkbox"/> NRC-PDR			
I & E (2)			
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HANAUER			
TEDESCO			
EISENHUT			
BAER			
SHAO			
VOLLMER/BUNCH			
KREGER/ J. COLLINS			
ROSA			

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Cedar Rapids, IA.			
TIC:			
NSIC:			
ACRS (16) SENT AS CAT. B			

772500133
A0 4
60

D. J. Adams

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
August 24, 1977
DAEC -77 - 434



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. 77-63
(30 day)

File: A-118a

Regulatory

File Cy.

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-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,

Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/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

772500133

AUG 29 1977

LICENSEE EVENT REPORT

(PLEASE PRINT ALL REQUIRED INFORMATION)

CONTROL BLOCK:
 1 6

LICENSEE NAME:
 7 8 9 14

LICENSE NUMBER:
 15 25

LICENSE TYPE:
 26 30

EVENT TYPE:
 31 32

CATEGORY:
 7 8 57 58

REPORT TYPE:
 59

REPORT SOURCE:
 80

POCKET NUMBER:
 61 88

EVENT DATE:
 69 74

REPORT DATE:
 75 80

EVENT DESCRIPTION

During Surveillance Testing, Reactor High Pressure Recirc Pump Trip Pre
 7 8 9 60

ssure Switch 4593D tripped at 1170 PSIG. The required setpoint is 1146.
 7 8 9 80

4 (1120 PSIG plus height correction) plus or minus 15 PSIG. Redundant t
 7 8 9 80

rип system channel available. Repetitive occurrence (see AO 75-27, RO 7
 7 8 9 80

6-65 and RO 77-12). Switch recalibrated and tested satisfactory. (RO 7
 7 8 9 80

SYSTEM CODE:
 7 8 9 10

CAUSE CODE:
 11

COMPONENT CODE:
 12 17

PRIME COMPONENT SUPPLIER:
 43

COMPONENT MANUFACTURER:
 44 47

VIOLATION:
 48

CAUSE DESCRIPTION

Instrument drift. Switch is a Static "O" Ring Model 9N-AA45-X9TT. A
 7 8 9 80

design review is continuing and surveillance will be increased to monthl
 7 8 9 80

y until this review is resolved.
 7 8 9 80

FACILITY STATUS:
 7 8 9

% POWER:
 10 12

OTHER STATUS:
 13

METHOD OF DISCOVERY:
 44 45

DISCOVERY DESCRIPTION:
 46 80

FORM OF ACTIVITY RELEASED:
 7 8 9

CONTENT OF RELEASE:
 10 11

AMOUNT OF ACTIVITY:
 12 44

LOCATION OF RELEASE:
 45 80

PERSONNEL EXPOSURES

NUMBER:
 7 8 9 11

TYPE:
 12

DESCRIPTION:
 13 80

PERSONNEL INJURIES

NUMBER:
 7 8 9 11

DESCRIPTION:
 12 80

OFFSITE CONSEQUENCES

7 8 9 80

LOSS OR DAMAGE TO FACILITY

TYPE:
 7 8 9 10

DESCRIPTION:
 11 80

PUBLICITY

7 8 9 80

ADDITIONAL FACTORS

Event Desc. Cont. 7-63)
 7 8 9 80

7 8 9 80

NAME: J. Van Sickel PHONE: 319-851-5611

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