REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) - -DISTRIBUTION FOR INCOMING: MATERIAL: ---- - ----50-331

REC: KEPPLER J G

ORG: HAMMOND E L

DOCDATE: 06/23/78

NRC

: IA ELEC LIGHT & PWR

DATE RCVD: 06/29/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-331/78-029) ON 06/09/78 CONCERNING

DURING SURVEILLANCE TESTING THE AUTOMATIC DEPRESSURIZATION SYSTEM "A" TRIP

SYSTEM LOGIC TIMER WAS FOUND INOPERABLE, CAUSED BY COMPONENT FAILURE...W/ATT.

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XJM

DISTRIBUTOR INITIAL:

\*\*\*\*\*\*\*\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*\*\*\*\*\*\*\*

INCIDENT REPORTS

(DISTRIBUTION CODE A002)

FOR ACTION:

BR CHIEF ORB#3 BC\*\*W/4 ENCL

INTERNAL:

REG FILE W/ENCL \* E\*\*W/2 ENCL

NOVAK/CHECK\*\*W/ENCL AD FOR ENG\*\*W/ENCL

HANAUER\*\*W/ENCL

AD FOR SYS & PROJ\*\*W/ENCL

ENGINEERING BR\*\*W/ENCL KREGER/J. COLLINS\*\*W/ENCL

K SEYFRIT/IE\*\*W/ENCL

NRC P:DR\*\*W/ENCL MIPC\*\*W/3 ENCL

I & C SYSTEMS BR\*\*W/ENCL : EMERGENCY PLAN BR\*\*W/ENCL

EEB\*\*W/ENCL

PLANT SYSTEMS BR\*\*W/ENCL

AD FOR PLANT SYSTEMS\*\*W/ENCL

REACTOR SAFETY BR\*\*W/ENCL

VOLLMER/BUNCH\*\*W/ENCL POWER SYS BR\*\*W/ENCL

EXTERNAL:

LPDR/S

CEDAR RAPIDS, IA\*\*W/ENCL

TIC\*\*W/ENCL

NSIC\*\*W/ENCL

ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: SIZE: 1P+1P+1P

LTR 45 ENCL 45

CONTROL NBR:

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THE END \*

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D. Lankom FILE

# IOWA ELECTRIC LIGHT AND POWER COMPANY

P. O. Box 351
Cedar Rapids, Iowa 52406
June 23, 1978
DAEC - 78 - 312

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.

78**-**<u></u><u></u><u>0</u>29

(14 day)

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 and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

Clery L. Hammond

Chief Engineer

Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/nf

cc: Director, Office of Inspection and Enforcement (40)
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

## LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 I A D A C 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 57 CAT 58 5
CON'T    0   1   SOURCE   CON'T   CON'
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  O 2   During surveillance testing the automatic depressurization system "A" tr
ip system logic timer was found inoperable. The redundant timer was oper
able. However, the HPCI system was out of service for maintenance and te
osting so a plant shutdown was initiated. Operability requirements listed
o 6 in Technical Specifications Table 3.2-B and Section 3.5.F.
0 7
7 8 9
SYSTEM CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCOD
Total   The component   Total   Tota
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  1 0   Component failure. The timer is a General Electric CR2820B series A pneu
1 1   matic time delay relay. The timer was replaced with a like-for-like spa
re and the new timer tested satisfactory so the plant shutdown was dis
continued. No further corrective action planned.
7 8 9
7 8 9 FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  1 5 E 28 0 9 8 29 NA B 31 Surveillance Test  7 8 9 10 12 13 44 45 46 80
7 8 9  FACILITY % POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32  1 5 E 28 0 9 8 29 NA B 31 Surveillance Test  7 8 9 44 45 46 LOCATION OF RELEASE AMOUNT OF ACTIVITY 35  1 6 Z 33 Z 34 NA NA LOCATION OF RELEASE 36  7 8 9 10 11 11 44 45 45 80
7 8 9
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DUANE ARNOLD ENERGY CENTER

#### Iowa Electric Light and Power Company

#### LICENSEE EVENT REPORT-Supplemental Data

Docket Number 050-0331

Licensee Event Report Date:

6-23-78

Reportable Occurrence No:

78-029

### Event Description

During surveillance testing the automatic depressurization system "A" trip system logic timer was found inoperable. The redundant timer was operable. However, the HPCI system was out of service for maintenance and testing so a plant shutdown was initiated. Operability requirements listed in Technical Specifications Table 3.2-B and Section 3.5.F.

## Cause Description

The cause was determined to be random component failure. The timer is a General Electric CR 2820B series A pneumatic time delay relay.

#### Corrective Action

The timer was replaced with a like-for-like spare and the new timer tested satisfactory so the plant shutdown was discontinued. No further corrective action planned.

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