

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

REC: KEPPLER J G
NRC

ORG: HAMMOND E L
IA ELEC LIGHT & PWR

DOC DATE: 02/02/78
DATE RCVD: 02/08/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED
SUBJECT: LTR 0 ENCL 1
LICENSEE EVENT REPT. NO. 50-331/78-005 CONCERNING MAIN STEAM LINE B
LEAK DETECTION SYSTEM TIS 4478 TRIPPING AT GREATER THAN 204
DEGREES F. WHICH IS OUT OF TECH SPECS.

PLANT NAME: DUANE ARNOLD REVIEWER INITIAL: XRL
DISTRIBUTOR INITIAL:

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BRANCH CHIEF LEAR**W/4 ENCL

INTERNAL:

- REG FILE**W/ENCL
- ~~I & E**W/2 ENCL~~
- SCHROEDER/IPPOLITO**W/ENCL
- NOVAK/CHECK**W/ENCL
- KNIGHT**W/ENCL
- HANAUER**W/ENCL
- EISENHUT**W/ENCL
- SHAD**W/ENCL
- KREGER/J. COLLINS**W/ENCL
- L. CROCKER**W/ENCL
- NRC PDR**W/ENCL
- MIPC**W/3 ENCL
- HOUSTON**W/ENCL
- GRIMES**W/ENCL
- BUTLER**W/ENCL
- TEDESCO**W/ENCL
- BAER**W/ENCL
- VOLLMER/BUNCH**W/ENCL
- ROSA**W/ENCL

EXTERNAL:

- LPDR'S
- CEDAR RAPIDS, IA**W/ENCL
- TIC**W/ENCL
- NSIC**W/ENCL
- ACRS CAT B**W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45 CONTROL NBR: 780390163
SIZE: 1P+1P

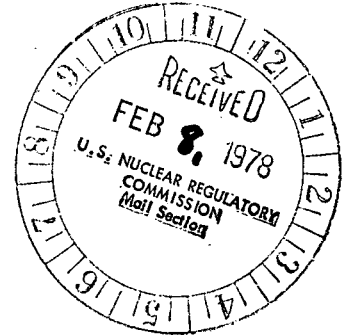
***** THE END *****

A04
GD

REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
February 2, 1978
DAEC-78-64



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. 78-005
(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,

Ellery L. Hammond
Ellery 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

780370163

A002/s *
o/i

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U.S. NRC
DISTRIBUTION SERVICES
BRANCH

D. L. Lanham

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
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Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

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Washington, D.C. 20555

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

FEB 7 1978

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 - 0 0 3 4 1 1 1 1 1 4 5
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
0 1 REPORT SOURCE L 6 0 5 0 0 0 3 3 1 7 0 1 0 3 7 8 8 0 2 0 2 7 8 9
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During surveillance testing main steam line "B" leak detection system TT
0 3 | S 4478 tripped at greater than 204 degrees F. The required setpoint is
0 4 | 200 +/- 4 degrees F. Redundant temperature indicating switches were found
0 5 | to be within calibration tolerance. Setpoint requirement listed in Technical
0 6 | Specifications Table 3.2-A.
0 7 |
0 8 |

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
9 C D 11 11 E 12 12 G 13 13 T N S T R U 14 14 S 15 15 Z 16 16
17 LER/RO REPORT NUMBER 18 7 8 19 20 21 22 23 24 0 0 5 26 27 28 0 3 29 30 L 31 32 0
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
33 A 18 34 Z 19 35 Z 20 36 Z 21 37 0 0 0 0 40 41 N 23 42 N 24 43 A 25 44 R 3 7 0 47 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Component failure. Investigation revealed a capacitor had failed in the
1 1 | instrument power supply. The instrument is a Rosemount Series 3000A temp
1 2 | erature indicating switch. The capacitor was replaced with a like-for-like
1 3 | spare and the switch calibrated and returned to service.
1 4 |

1 5 FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32
7 8 9 E 28 10 0 9 8 29 11 NA 12 13 B 31 14 Surveillance Test 15 16
1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
7 8 9 Z 33 10 Z 34 11 NA 12 13 NA 14 15
1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
7 8 9 0 0 0 37 10 Z 38 11 NA 12 13
1 8 PERSONNEL INJURIES NUMBER DESCRIPTION 41
7 8 9 0 0 0 40 10 NA 11 12
1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43
7 8 9 Z 42 10 NA 11 12
2 0 PUBLICITY ISSUED DESCRIPTION 45 NRC USE ONLY
7 8 9 N 44 10 NA 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

GPO 51-7-82-6

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