

C 03/31/78

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: 03/21/78
DATE RCVD: 03/28/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

LICENSEE EVENT REPT (RD 50-331/78-014) ON 02/21/78 CONCERNING DURING
SURVEILLANCE TESTING TWO CHANNELS OF MAIN STEAM LINE TUNNEL HIGH TEMPERATURE
TIS 4443 TRIPPED AT OUT OF SPEC VALUES...W/ENCL.

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 LEAR**W/4 ENCL

INTERNAL: REG FILE**W/ENCL
I & E**W/2 ENCL
SCHROEDER/IPPOLITO**W/ENCL
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KNIGHT**W/ENCL
HANAUER**W/ENCL
EISENHUT**W/ENCL
SHAO**W/ENCL
KREGER/J. COLLINS**W/ENCL
K SEYFRIT/IE**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

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REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+1P

CONTROL NBR: 780900035

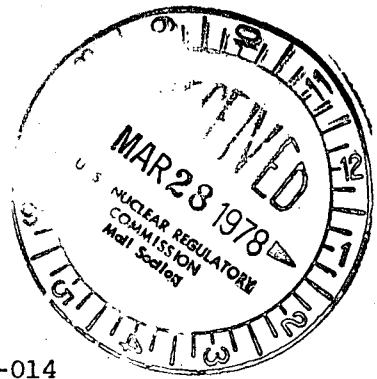
Handwritten initials: "A.G." with a checkmark

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

EXEMPTORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
March 21, 1978
DAEC - 78 - 169



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. 78-014
(30 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/DLW/nf

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

780900035

A002
3
1/1

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 | 1 | 4 | 5

CON'T REPORT SOURCE: 0 1 | L | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 0 | 2 | 2 | 1 | 7 | 8 | 8 | 0 | 3 | 2 | 1 | 7 | 8 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 | During surveillance testing two subchannels of main steam line tunnel hi
0 3 | gh temperature TIS 4443 tripped at out of specification values. Subchann
0 4 | el 2 tripped at 207 degrees F and subchannel 3 tripped at 207.7 degrees
0 5 | F. Redundant temperature indicating switches were operable. TIS 4443 is
0 6 | part of a logic which initiates primary containment isolation. Operabili
0 7 | ty requirements listed in Technical Specifications Table 3.2-A.

0 9 | SYSTEM CODE: S D (11) CAUSE CODE: E (12) CAUSE SUBCODE: E (13) COMPONENT CODE: T N S T R U (14) COMP. SUBCODE: S (15) VALVE SUBCODE: Z (16)
17 | LER/RO REPORT NUMBER: 7 8 (17) SEQUENTIAL REPORT NO.: 0 1 4 (24) OCCURRENCE CODE: 0 3 (28) REPORT TYPE: I (30) REVISION NO.: 0 (32)
ACTION TAKEN: E (18) FUTURE ACTION: Z (19) EFFECT ON PLANT: Z (20) SHUTDOWN METHOD: Z (21) HOURS: 0 0 0 0 (22) ATTACHMENT SUBMITTED: N (23) NPRD-4 FORM SUB.: N (24) PRIME COMP. SUPPLIER: A (25) COMPONENT MANUFACTURER: R 3 7 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 | Instrument drift. TIS 4443 is a Rosemount Model 3000A temperature indica
1 1 | ting switch. Trend data indicated this was the first instance of excessi
1 2 | ve drift experienced with this switch. The switch was recalibrated and f
1 3 | unctionally tested. No further corrective action planned at this time.

1 5 | FACILITY STATUS: E (28) % POWER: 0 9 2 (29) OTHER STATUS: NA (30) METHOD OF DISCOVERY: B (31) DISCOVERY DESCRIPTION: Surveillance test (32)
1 6 | ACTIVITY CONTENT: Z (33) Z (34) AMOUNT OF ACTIVITY: NA (35) LOCATION OF RELEASE: NA (36)
1 7 | PERSONNEL EXPOSURES: 0 0 0 (37) Z (38) DESCRIPTION: NA (39)
1 8 | PERSONNEL INJURIES: 0 0 0 (40) DESCRIPTION: NA (41)
1 9 | LOSS OF OR DAMAGE TO FACILITY: Z (42) DESCRIPTION: NA (43)
2 0 | PUBLICITY ISSUED: N (44) DESCRIPTION: NA (45)