

C 07/07/78

Wec\

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: 06/23/78
DATE RCVD: 07/06/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

LICENSEE EVENT REPT #77-098 DN 12/29/77 CONCERNING MAIN STEAM LINE TUNNEL
HIGH AMBIENT TEMPERATURE TIS 4443 WAS OBSERVED.

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XRS
DISTRIBUTOR INITIAL: *u*

***** 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
I & E**W/2 ENCL
I & C SYSTEMS BR**W/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 PDR**W/ENCL
MIPC**W/3 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

A/R

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

CONTROL NBR: 781870321

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

60

*** MASTER ROSTER ***
*** PUBLICATIONS

DIVISION	I-----	DISTRIBUTION	CODES	1 - 17	I-----
TITLE	I-----	DISTRIBUTION	QTY	1 - 17	I-----
CITY	I-----	DISTRIBUTION	CODES	18 - 34	I-----
ST. ZIP	I-----	DISTRIBUTION	QTY	18 - 34	I-----
ORP. TYPE	I-----	DISTRIBUTION	CODES	35 - 50	I-----
	I-----	DISTRIBUTION	QTY	35 - 50	I-----

OFFICE OF MANAGER
SPECIAL ASSISTANT
OAKLAND CA 94612 CL 1

NUCLEAR ENERGY DIVISION
DIRECTOR
OAKLAND CA 94612 CW NQ NG 1 4 4

SAN FRANCISCO CA 94612 XH 1

OAKLAND CA 94616 NQ 1

OAKLAND CA 94616 CW 1

OAKLAND CA 94616 CW 1

TRAINING MANAGER
OAKLAND CA 94616 NG 1

OAKLAND CA 94618 SN SR SF SE SM SP ST SO SA SG 1 1 1 1 1 1 1 1 1 1

OAKLAND CA 94619 CW 1

OAKLAND CA 94621 SN 1

MANAGEMENT SERVICES
OAKLAND CA 94621 SR SE SM SP ST SO SA SG 1 1 1 1 1 1 1 1

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D. L. Hammond

REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
June 23, 1978
DAEC - 78 - 315

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

UPDATE REPORT -PREVIOUS
REPORT DATE 012378

Subject: Licensee Event Report No. 77-098
(30 day)

File: A-118a

REGISTRATION SERVICES
BRANCH
JUN 6 AM 9 07
DISTRIBUTION

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 (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

JUN 29 1978

781870321

A002
5/11

LICENSEE EVENT REPORT

CONTROL BLOCK: [| | | | | | |] 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | 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

CONT SOURCE L 6 | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 1 | 2 | 2 | 9 | 7 | 7 | 8 | 0 | 6 | 2 | 6 | 7 | 8 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
02 | During surveillance testing main steam line tunnel high ambient temperat
03 | ure TIS 4443 was observed to have unexpectedly low indication on channel
04 | S 2, 3 and 4. Redundant temperature indicating switches were reading nor
05 | mally. TIS 4443 is part of a logic which initiates primary containment i
06 | solation. Operability requirements listed in T.S. Table 3.2-A.
07 | _____
08 | _____

SYSTEM CODE SD 11 | CAUSE CODE E 12 | CAUSE SUBCODE G 13 | COMPONENT CODE | I | N | S | T | R | U | 14 | COMP. SUBCODE P 15 | VALVE SUBCODE Z 16
 LER/RO REPORT NUMBER 17 | EVENT YEAR 77 | SEQUENTIAL REPORT NO. 098 | OCCURRENCE CODE 03 | REPORT TYPE L | REVISION NO. 1
 ACTION TAKEN A 18 | FUTURE ACTION Z 19 | EFFECT ON PLANT Z 20 | SHUTDOWN METHOD Z 21 | HOURS 0000 22 | ATTACHMENT SUBMITTED N 23 | NRPD-4 FORM SUB. N 24 | PRIME COMP. SUPPLIER A 25 | COMPONENT MANUFACTURER R369 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
10 | Initial investigation indicated TE4443A had failed. However when it was
11 | removed for replacement, investigation revealed no problems with TE.
12 | Further investigation revealed a faulty capacitor in the power supply.
13 | The capacitor was replaced and all channels now function properly.
14 | Power supply is part of Rosemount Model 3000A temperature monitor.

FACILITY STATUS E 28 | % POWER 098 29 | OTHER STATUS NA 30 | METHOD OF DISCOVERY B 31 | DISCOVERY DESCRIPTION Surveillance Test 32

ACTIVITY RELEASED OF RELEASE Z 33 | CONTENT Z 34 | AMOUNT OF ACTIVITY NA 35 | LOCATION OF RELEASE NA 36

PERSONNEL EXPOSURES NUMBER 0000 37 | TYPE Z 38 | DESCRIPTION NA 39

PERSONNEL INJURIES NUMBER 0000 40 | DESCRIPTION NA 41

LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 | DESCRIPTION NA 43

PUBLICITY ISSUED N 44 | DESCRIPTION NA 45
NRC USE ONLY

NAME OF PREPARER J. Van Sickle PHONE: 319-851-5611

GPO 517-028