

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

REC: KEPPLER J G

NRC

ORG: HAMMOND E L

IA ELEC LIGHT & PWR

DOCDATE: 04/07/78

DATE RCVD: 04/12/78

DOCTYPE: LETTER NOTARIZED: NO

SUBJECT:

COPIES RECEIVED

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-331/78-017) ON 03/25/78 CONCERNING SMALL LEAK OBSERVED NEXT TO THE REACTOR WATER CLEANUP INBOARD MANUALS ISOLATION VALVE, DUE TO HAIRLINE THROUGH WALL CRACK ON THE INBOARD SIDE OF

THE VALVE IN THE HEAT EFFECTED ZONE.

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/ENC

T % EANH / 2 ENCE SCHROEDER/IPPOLITO**W/ENCL

NOVAK/CHECK**W/ENCL

KNIGHT**W/ENCL

HANAUER**W/ENCL EISENHUT**W/ENCL

SHAO**W/ENCL *

KREGER/J. COLLINS**W/ENCL

K SEYFRIT/IE**W/ENCL

EXTERNAL:

LPDR1S

CEDAR RAPIDS, IA**W/ENCL

TIC##W/ENCL NSIC**W/ENCL

ACRS CAT B**W/16 ENCL

NRC PDR**W/ENCL MIPC**W/3 ENCL HOUSTON**W/ENCL EEB**W/ENCL

BUTLER**W/ENCL TEDESCO**W/ENCL

BAER**W/ENCL

VOLLMER/BUNCH**W/ENCL

ROSA**W/ENCL

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

ENCL 45

CONTROL NBR: 7810401

Lanham FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

P. O. Box 351
Cedar Rapids, Iowa 52406
April 7, 1978
DAEC - 78 - 205

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

353

Subject: Licensee Event Report No. 78-017

(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 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

والتحالف والمراجع والأوراد

LICENSEE EVENT REPORT

4	LICENSEE EVENT REPORT
\$	CONTROL BLOCK: 1 1 1 6 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 7 8	I A D A C 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 4 5 5 5 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58
CON'T 0 1 7 8	REPORT L 6 0 5 0 0 0 3 3 1 7 0 3 2 5 7 8 8 0 4 0 7 7 8 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	During an inspection of primary piping inside the primary containment, a
0 3	small leak was observed next to the reactor water cleanup inboard manua
0 4	l isolation valve. Investigation revealed a hairline through wall crack
0 5	on the inboard side of the valve in the heat effected zone. Subsequent
0 6	UT examination revealed a crack indication in the piping just outboard o
0 7	f the same valve. Primary system integrity requirements listed in Techni
08	cal specification 3.6.G.
0 9	SYSTEM CAUSE CAUSE SUBCODE COMPONENT CODE SUBCODE SUBCODE C G 11
	17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 31 32
	ACTION FUTURE ON PLANT SHUTDOWN HOURS 22 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER [X] 18 C 19 Z 20 Z 21 0 0 0 0 0 0 40 41 23 42 43 45 44 43 47 47 48 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48
1 0	The cause for the cracking will be determined by laboratory testing and
11	analysis. Corrective actions planned are to replace the effected piping
1 2	and the manual isolation valve. Work involved with instituting these cor
1 3	rective actions is planned to begin on 4-8-78.
1 4 7 8	9 80
1 5	FACILITY STATUS SPOWER OTHER STATUS OF DISCOVERY DESCRIPTION DES
	9 10 12 13 44 45 46 80 CTIVITY CONTENT LOCATION OF RELEASE 36
7 8	Z (33) Z (34) NA
1 7	NUMBER TYPE DESCRIPTION (39) NA NA NA NA NA NA NA N
1 8	PERSONNEL INJURIES NUMBER DESCRIPTION 41
7 8	United to the control of the control
1 9	$\begin{bmatrix} Z & 42 \\ 9 & 10 \end{bmatrix}$
2 0	PUBLICITY ISSUED DESCRIPTION 45 Y 44 Press Release 3-28-78
7 8	9 10 68 69 80.5
	NAME OF PREPARER Van Sickel PHONE: PHONE: 2



Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 4-7-78

Reportable Occurrence No: 78-017

Event Description

During an inspection of primary piping inside the primary containment, a small leak was observed next to the reactor water cleanup inboard manual isolation valve. Investigation revealed a hairline through wall crack on the inboard side of the valve in the heat effected zone. Subsequent UT examination revealed a crack indication in the piping just outboard of the same valve. Primary system integrity requirements listed in Technical Specification 3.6.G.

Cause Description

The cause for the cracking will be determined by laboratory testing and analysis.

Corrective Action

Corrective actions planned are to replace the effected piping and the manual isolation valve. Work involved with instituting these corrective actions is planned to begin on 4-8-78.