

C 04/14/78

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

REC: KEPPLER J G  
NRC

ORG: HAMMOND E L  
IA ELEC LIGHT & PWR

DOCDATE: 04/07/78  
DATE RCVD: 04/12/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED  
SUBJECT: 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 MANUAL &  
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/ENCL	NRC PDR**W/ENCL
	<del>I &amp; E**W/2 ENCL</del>	MIFC**W/3 ENCL
	SCHROEDER/IPPOLITO**W/ENCL	HOUSTON**W/ENCL
	NOVAK/CHECK**W/ENCL	EEB**W/ENCL
	KNIGHT**W/ENCL	BUTLER**W/ENCL
	HANAUER**W/ENCL	TEDESCO**W/ENCL
	EISENHUT**W/ENCL	BAER**W/ENCL
	SHAD**W/ENCL	VOLLMER/BUNCH**W/ENCL
	KREGER/J. COLLINS**W/ENCL	ROSA**W/ENCL
	K SEYFRIT/IE**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  
SIZE: 1P+1P+1P

CONTROL NBR: 781040162

As of 60

\*\*\*\*\* THE END \*\*\*\*\*

*Lanham*

FILE COPY

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
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

50331

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,

*EL Hammond/dh*

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

APR 10 1978



DUANE ARNOLD ENERGY CENTER

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.