

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:

Mr. James G. Kepler

FROM:
Iowa Electric Light & Power Co.
Cedar Rapids, Iowa
Ellery L. Hammond

DATE OF DOCUMENT
4/5/77

DATE RECEIVED
4/11/77

LETTER
 ORIGINAL
 COPY

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 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

100

DESCRIPTION

Ltr. trans the following

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: (1-P)
Duane Arnold

RJL

ENCLOSURE

Licensee Event Report (RO 50-331/77-22) on 3/22/77 concerning a hairline crack in the pipe to elbow weld in the discharge bypass pipe of the "A" reactor recirculation loop...

(1-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>Leak</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>Parrish</i>
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	<i>As CATB</i>

INTERNAL DISTRIBUTION

<u>REG FILE</u>	
NRC PDR	
I & E (2)	
MIPC	
SCHROEDER/IPPOLITO	
HOUSTON	
NOVAK/CHECK	
GRIMES	
CASE	
BUTLER	
HANAUER	
TEDESCO/MACCARY	
EISENHUT	
BAER	
SHAO	
VOLLMER/BUNCH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

LPDR: <i>Cedar Rapids, Ia</i>	
TIC:	
NSIC:	

CONTROL NUMBER

771020031

804
6A

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
April 5, 1977
DAEC - 77 -207

Regulatory

File Cy.



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. 77-22
(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,

A handwritten signature in cursive script, appearing to read 'E. Hammond'.

Ellery I. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/mg

Docket 50-331

attachment

cc: (Director, Office of Inspection and Enforcement)(40)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

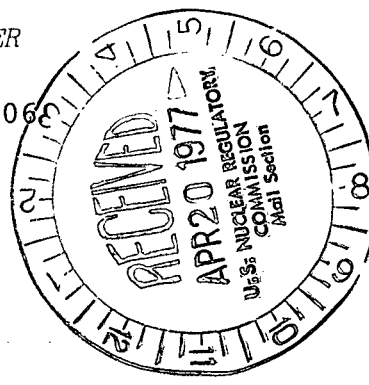
Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

771020031

H. Lark

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
April 5, 1977
DAEC - 77 -207



Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission-Region III
799 Roosevelt Road
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Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/mg

Docket 50-331

attachment

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 11 1977

LICENSEE EVENT REPORT

CONTRDL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME						LICENSE NUMBER										LICENSE TYPE					EVENT TYPE											
01	I	A	D	A	C	1	0	0	-	0	0	0	0	0	0	-	0	0	4	1	1	1	1	0	1							
7	8	9	14			15										25					26					30		31		32		
01		CONT		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER					EVENT DATE					REPORT DATE												
01	7	8	57	58	59	60	61	0	5	0	-	0	3	3	1	68	69	0	3	2	2	7	7	74	75	0	4	0	5	7	7	80

EVENT DESCRIPTION

02 | During inservice inspection ultrasonic examination indicated a possible
03 | hairline crack in the pipe to elbow weld in the discharge bypass pipe
04 | of the "A" reactor recirculation loop. The indication was a possible cr
05 | ack 1/2 inch to 1 inch in length and less than 5 percent pipe wall thick
06 | ness in depth. Repairs commenced 4/5/77. (RO 77-22)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION				
07	C	B	F	P	I	P	E	X	X	Z	Z	9	9	9	Y			
7	8	9	10	11	12					43		44			47		48	

CAUSE DESCRIPTION

08 | Unknown. Action has commenced to verify that the crack does exist and t
09 | o return the weld to a condition which meets the criteria of the origin
10 | al acceptance standard. Supplemental report to be submitted.

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION									
11	H	0	0	0	NA			B	Inservice Inspection										
7	8	9	10	12	13	44			45	46					80				
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY					LOCATION OF RELEASE										
12	Z	Z	NA					NA											
7	8	9	10	11	44					45					80				

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION										
13	0	0	0	Z	NA									
7	8	9	11	12	13					80				

PERSONNEL INJURIES

NUMBER		DESCRIPTION											
14	0	0	0	NA									
7	8	9	11	12					80				

OFFSITE CONSEQUENCES

NUMBER		DESCRIPTION									
15	NA										
7	8	9					80				

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION									
16	Z	NA									
7	8	9					80				

PUBLICITY

NUMBER		DESCRIPTION									
17	NA										
7	8	9					80				

ADDITIONAL FACTORS

NUMBER		DESCRIPTION									
18	NA										
7	8	9					80				

NUMBER		DESCRIPTION									
19											
7	8	9					80				

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

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