

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: J.G. KEPPLER

FROM: IOWA ELEC LIGHT & PWR CO  
CEDAR RAPIDS, IOWA  
E.L. HAMMOND

DATE OF DOCUMENT

6/20/77

DATE RECEIVED

7/13/77

LETTER

NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

ORIGINAL  
 COPY

UNCLASSIFIED

1 SIGNED

DESCRIPTION

ENCLOSURE

UPDATE REPORT FOR LICENSEE EVENT REPORT (R.O.# 77-22)  
ON 3/22/77 CONCERNING POSSIBLE SMALL HAIRLINE CRACK  
ON INNER SURFACE OF PIPE TO ELBOW OF A RECIRCULATION  
LOOP BYPASS PIPE.

ACKNOWLEDGED  
DO NOT REMOVE

(1P & 1P)

PLANT NAME: DUANE ARNOLD  
SAB

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

FOR ACTION/INFORMATION

BRANCH CHIEF:  
W/ 3 CYS FOR ACTION  
LIC ASST.:

Leav  
Parish

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Cedar Rapids, Ia  
TIC:  
NSIC:  
ACRS (16) SENT AS CAT. B

771940422

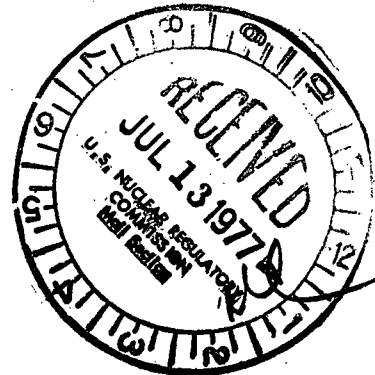
A0 4  
69

*Lanham*

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406

June 29, 1977  
DAEC-77 - 351



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

Regulatory

File Cy:

Subject: Licensee Event Report No. UPDATE REPORT 77-22  
(14 day) PREVIOUS REPORT DATE  
040577

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/mg

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

JUL 1 1977

771940422

# LICENSEE EVENT REPORT

UPDATE REPORT  
PREVIOUS REPORT DATE  
040577

CONTROL BLOCK: 

--	--	--	--	--	--	--	--

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 

01	I	A	D	A	C	1
----	---	---	---	---	---	---

 LICENSE NUMBER: 

0	0	-	0	0	0	0	0	-	0	0
---	---	---	---	---	---	---	---	---	---	---

 LICENSE TYPE: 

4	1	1	1	1
---	---	---	---	---

 EVENT TYPE: 

0	1
---	---

REPORT TYPE: 

T
---

 REPORT SOURCE: 

L
---

 DOCKET NUMBER: 

0	5	0	-	0	3	3	1
---	---	---	---	---	---	---	---

 EVENT DATE: 

0	3	2	2	7	7
---	---	---	---	---	---

 REPORT DATE: 

0	6	2	8	7	7
---	---	---	---	---	---

### EVENT DESCRIPTION

02 Inservice ultrasonic inspection indicated possible small hairline crack  
03 on inner surface of pipe to elbow weld of A recirculation loop bypass  
04 pipe. Length was less than one inch, depth was less than 5 percent wall  
05 thickness. Repair included grinding, rewelding, ultrasonic and radiogra  
06 ph examination. No further indication found after repair. (RO 77-22)

SYSTEM CODE: 

C	B
---	---

 CAUSE CODE: 

F
---

 COMPONENT CODE: 

P	I	P	E	X	X
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER: 

Z
---

 COMPONENT MANUFACTURER: 

Z	9	9	9
---	---	---	---

 VIOLATION: 

N
---

### CAUSE DESCRIPTION

08 Probable cause stress corrosion cracking as experienced at similar  
09 facilities.  
10

FACILITY STATUS: 

H
---

 % POWER: 

0	0	0
---	---	---

 OTHER STATUS: 

NA
----

 METHOD OF DISCOVERY: 

B
---

 DISCOVERY DESCRIPTION: 

Inservice Inspection
----------------------

  
FORM OF ACTIVITY RELEASED: 

Z
---

 CONTENT OF RELEASE: 

Z
---

 AMOUNT OF ACTIVITY: 

NA
----

 LOCATION OF RELEASE: 

NA
----

### PERSONNEL EXPOSURES

13 NUMBER: 

0	0	0
---	---	---

 TYPE: 

Z
---

 DESCRIPTION: 

NA
----

### PERSONNEL INJURIES

14 NUMBER: 

0	0	0
---	---	---

 DESCRIPTION: 

NA
----

### OFFSITE CONSEQUENCES

15 

NA
----

### LOSS OR DAMAGE TO FACILITY

16 TYPE: 

Z
---

 DESCRIPTION: 

NA
----

### PUBLICITY

17 

NA
----

### ADDITIONAL FACTORS

18 

NA
----

19

NAME: D. Wilson PHONE: 319-851-5611

RECEIVED DOCUMENT  
PROCESSING UNIT

1977 JUL 13 AM 10 46