

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
6/29/77

DATE RECEIVED
7/5/77

LETTER
 ORIGINAL
 COPY

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 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 CC

DESCRIPTION

ENCLOSURE

UPDATE RPT FOR LICENSEE EVENT REPORT # 77-22,
ON 3/22/77 CONCERNING INSERVICE ULTRASONIC
INSPECTION INDICATING POSSIBLE SMALL HAIRLINE
CRACK ON INNER SURFACE OF PIPE TO ELBOW WELD
OF A RECIRCULATION LOOP BYPASS PIPE.

DO NOT REMOVE

(1P & 1P)

PLANT NAME: DUANE ARNOLD
SAB

ACKNOWLEDGED

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>Leav</i>		
W/3 CYS FOR ACTION			
LIC. ASST.:	<i>Parrish</i>		
W/1 CYS			
ACRS <i>16</i> CYS HOLDING/SENT	<i>AS CAT B</i>		

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: <i>Crystal River, Fla</i>			
TIC:			
NSIC:			

771870017

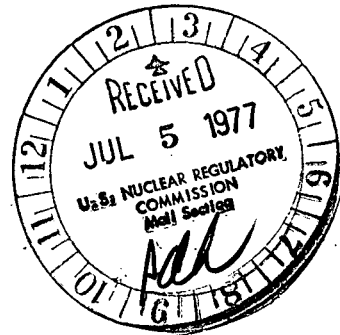
As 4

50

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
File: A-118a 040577

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/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

771870017

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 I A D A C I
 LICENSE NUMBER: 00-000000-00
 LICENSE TYPE: 41111
 EVENT TYPE: 01

CATEGORY: 01 CONT
 REPORT TYPE: T
 REPORT SOURCE: L
 DOCKET NUMBER: 050-0331
 EVENT DATE: 032277
 REPRDT DATE: 062877

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: CB
 CAUSE CODE: F
 COMPONENT CODE: PIPEXX
 PRIME COMPONENT SUPPLIER: Z
 COMPONENT MANUFACTURER: Z999
 VIOLATION: N

CAUSE DESCRIPTION

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

FACILITY STATUS: H
 % POWER: 000
 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: 000 TYPE: Z DESCRIPTION: NA

PERSONNEL INJURIES

14 NUMBER: 000 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

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