

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr. J. G. Keppler

FROM: Iowa Elec Light & Powr Co
Cedar Rapids, Iowa 52406
E.L. Hammond

DATE OF DOCUMENT
Mar 22, 1977

DATE RECEIVED
Apr 12, 1977

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

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1 SIGNED

DESCRIPTION Ltr trans the following: 1P

ENCLOSURE Lic Eventk Report RO-77-17 occurring on 3-9-77 involving the tripping of HPCXI steam line high flow PDIS 2244 at 45 inches of water.....

(1 cy encl rec'd) 1P

PLANT NAME: Duane Arnold Plant

DHL

ACKNOWLEDGED

DO NOT REMOVE

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>hear</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>Parrish</i>
W/1 CYS	
ACRS /6 CYS HOLDING/SENT	<i>As CAP 3</i>

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	
NRC PDR	
I & E (2)	
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VOLLMER/BUNCH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

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

CONTROL NUMBER

771050222 (A)

Lenham

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
March 22, 1977
DAEC -77 - 186

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. 77-17
(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/bl

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment
ELH/JVS/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

MAR 25 1977

271050222

LICENSEE EVENT REPORT

CONTROL BLOCK

(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

REPORT TYPE: 01 CONT
CATEGORY: 57
REPORT SOURCE: 80 L
DOCKET NUMBER: 050-0331
EVENT DATE: 030977
REPORT DATE: 032277

EVENT DESCRIPTION

02 During Surveillance Testing HPCI steam line high flow PDIS 2244 tripped
03 at 45 inches of water. The required setpoint is 53 plus or minus 7 inc
04 hes of water. This low setting could have caused unwarranted HPCI syste
05 m steam supply isolation on fast start. Drift problem repetitive. The
06 instrument was recalibrated and functionally tested. (RO 77-17)

SYSTEM CODE: 07 S F
CAUSE CODE: 07 E
COMPONENT CODE: 07 I N S T R U
PRIME COMPONENT SUPPLIER: 07 N
COMPONENT MANUFACTURER: 07 B O 8 0
VIOLATION: 07 Y

CAUSE DESCRIPTION

08 Instrument drift. The instrument is a Barton Model 288 PDIS. The instru
09 ment internals are scheduled to be replaced during the present refuel out
10 age. This action should help curb the drift problem experienced with thi

FACILITY STATUS: 11 E
% POWER: 11 084
OTHER STATUS: 11 NA
METHOD OF DISCOVERY: 11 B
DISCOVERY DESCRIPTION: 11 Surveillance Test

FORM OF ACTIVITY RELEASED: 12 Z
CONTENT OF RELEASE: 12 Z
AMOUNT OF ACTIVITY: 12 NA
LOCATION OF RELEASE: 12 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 Cause Desc. Cont. - s switch.

19

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