

DOCKET NUMBER
50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr. James G. Keppler

FROM: Iowa Elect Light & Power Co
Cedar Rapids, Iowa 52406
Elbery L. Hammond

DATE OF DOCUMENT
06-09-77

DATE RECEIVED
06-21-77

LETTER NOTORIZED
 ORIGINAL UNCLASSIFIED
 COPY

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 SIGNED

DESCRIPTION

1 page

PLANT NAME: DUANE ARNOLD

jcm 06-22-77

ENCLOSURE ^{UPDATE} Licensee Event Report (R0-50-331/77-9) on 02-11-77 concerning "A" Core Spray System inadvertently initiated, due to discharge piping not being completely filled, a water hammer caused stress which resulted in the clutch housing of MOV 2115 fracturing....

1 page

**DO NOT REMOVE
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 CATB</i>

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	
NRC PDR	
I & E (2)	
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HANAUER	
TEDESCO/MACCARY	
EISENHUT	
BAER	
SHAO	
VOLLMER/BUNGH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

LPDR: *Cedar Rapids, Ia*
TIC:
NSIC:

CONTROL NUMBER

AD 4
771740105

AD

D. Latham

IOWA ELECTRIC LIGHT AND POWER COMPANY

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

June 9, 1977
DAEC-77- 314



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. 77-9
(14 day) UPDATE REPORT PREVIOUS REPORT 022577

File: A-118a

REGULATORY DOCKET FILE COPY

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

JUN 13 1977

771740105

LICENSEE EVENT REPORT

UPDATE REPORT
PREVIOUS REPORT DATE
022577

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

01	I A D A C I	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	57 58	T	L	0 5 0 - 0 3 3 1	0 2 1 1 7 7	0 6 0 8 7 7
7 8 9		57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02 | During Surveillance Testing "A" Core Spray System inadvertently initiated. | 80

03 | Due to discharge piping not being completely filled, a water hammer caused | 80

04 | stress which resulted in the clutch housing of MOV 2115 fracturing. "B" | 80

05 | core spray system operable. More ductile clutch housing installed. | 80

06 | System integrity analyzed to be unaffected. (RO 77-9) | 80

07	S F	F	V A L V E X	N	L 2 0 0	N
7 8 9	10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 | Unknown. Subsequent testing did not duplicate occurrence. Most probable | 80

09 | cause of initiation was shorted contacts when jumpers were removed. Disc | 80

10 | harge piping not full due to leaking bypass test valve. Valve disassemb | 80

11	E	0 8 5	NA	B	NA
7 8 9		10 12 13	44	45	46 80

12	Z	Z	NA	NA
7 8 9		10 11	44	45 80

PERSONNEL EXPOSURES

13	0 0 0	Z	NA
7 8 9	11 12 13		80

PERSONNEL INJURIES

14	0 0 0	NA
7 8 9	11 12	80

OFFSITE CONSEQUENCES

15 | NA | 80

LOSS OR DAMAGE TO FACILITY

16	Z	NA
7 8 9	10	80

PUBLICITY

17 | NA | 80

ADDITIONAL FACTORS

18 | Cause Desc. Cont. - led, seat and disc relapped. System fill pump | 80

19 | capacity evaluated and determined to be adequate. | 80

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

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUN 21 PM 3 11