

50-381

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr. James G. Keppler

FROM: Iowa Elect. Light & Pwr Co.
Cedar Rapids, Iowa 52406
Ellery L. Hammond

DATE OF DOCUMENT
09/22/77

DATE RECEIVED
10/11/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 SIGNED CY.

DESCRIPTION

ENCLOSURE

Updated Licensee Event Report (RO 50-331/77-26) on 03/28/77 concerning during bench testing six main steam relief valves did not lift at the required setpoint pressure due to failure of pilot valve to operate...

1p

1p

PLANT NAME: DUANE ARNOLD
jcm 10/12/77

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

FOR ACTION/INFORMATION

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

LEAR
PARRISH

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

LPDR: CEDAR RAPIDS, IA
TIC:
NSIC:
ACRS (16) SENT AS CAT. B

CONTROL NUMBER

772850080

NO 4

60

D. Lankam

REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
September 22, 1977
DAEC-77 - 486



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. RO 77-26
(14 day) Update Report - Previous Report
Date 040877
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

ELH/DLW/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

772850080

SEP 26 1977

LICENSEE EVENT REPORT

UPDATE REPORT
PREVIOUS REPORT DATE
040877

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME:

01	I	A	D	A	C	I
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7 8 9 14

LICENSE NUMBER:

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

15 25

LICENSE TYPE:

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

26 30

EVENT TYPE:

0	1
---	---

31 32

REPORT TYPE:

01	CONT
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7 8 9

CATEGORY:

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57 58

REPORT SOURCE:

L

59 60

DOCKET NUMBER:

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

61 68

EVENT DATE:

0	3	2	8	7	7
---	---	---	---	---	---

69 74

REPORT DATE:

0	9	2	1	7	7
---	---	---	---	---	---

75 80

EVENT DESCRIPTION

02 | During bench testing six main steam relief valves did not lift at the
7 8 9 80

03 | required setpoint pressure. Four valves did not open and two valves ope
7 8 9 80

04 | ned at an elevated pressure. Replaced with Target Rock Model 67F pilot
7 8 9 80

05 | operated relief valves. Replacement valves were functionally tested.
7 8 9 80

06 | Minor mounting modifications required. (RO 77-26)
7 8 9 80

SYSTEM CODE:

S	F
---	---

7 8 9 10

CAUSE CODE:

B

11

COMPONENT CODE:

V	A	L	V	E	X
---	---	---	---	---	---

12 17

PRIME COMPONENT SUPPLIER:

N

43

COMPONENT MANUFACTURER:

D	2	4	5
---	---	---	---

44 47

VIOLATION:

Y

48

CAUSE DESCRIPTION

08 | Cause was failure of pilot valve to operate. Extensive laboratory tests
7 8 9 80

09 | and examination did not repeat failure or determine cause. Failed pilot
7 8 9 80

10 | operated relief valves were Dresser Model 13800.
7 8 9 80

FACILITY STATUS:

H

7 8 9

% POWER:

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

10 12 13

OTHER STATUS:

NA

44

METHOD OF DISCOVERY:

B

45

DISCOVERY DESCRIPTION:

Surveillance Test

46 80

FDRM OF ACTIVITY RELEASED:

Z

7 8 9

CONTENT OF RELEASE:

Z

10 11

AMOUNT OF ACTIVITY:

NA

44

LOCATION OF RELEASE:

NA

45 80

PERSONNEL EXPOSURES

13 |

Z	Z	Z
---	---	---

Z

NA

7 8 9 11 12 13 80

PERSONNEL INJURIES

14 |

Z	Z	Z
---	---	---

NA

7 8 9 11 12 80

OFFSITE CONSEQUENCES

15 |

NA

7 8 9 80

LOSS OR DAMAGE TO FACILITY

16 |

Z

NA

7 8 9 10 80

PUBLICITY

17 |

NA

7 8 9 80

ADDITIONAL FACTORS

18 |

NA

7 8 9 80

19 |

NA

7 8 9 80

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