

**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  
Ellery L. Hammond

DATE OF DOCUMENT  
11/03/77  
DATE RECEIVED  
11/16/77

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED  
**1 signed**

DESCRIPTION

1p

PLANT NAME: DUANE ARNOLD  
jcm 11/16/77

ENCLOSURE Licensee Event Report (RO 50-331/77-83) on 10/06/77 concerning during surveillance testing the reactor water cleanup system return line isolation valve, MOV 2740, did not close within the time limit specified in table 3.7-3 of Tech Specs.....

1p

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

**1 CY ENCL Rec'd \***

FOR ACTION/INFORMATION

|                            |             |
|----------------------------|-------------|
| BRANCH CHIEF:              | <b>LEAR</b> |
| W/ <b>4</b> CYS FOR ACTION |             |
| LIC. AGT.:                 |             |
|                            |             |
|                            |             |

INTERNAL DISTRIBUTION

|                     |  |  |  |
|---------------------|--|--|--|
| <b>REG FILES</b>    |  |  |  |
| 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                |  |  |  |
| CROCKER             |  |  |  |

EXTERNAL DISTRIBUTION

CONTROL NUMBER

|                               |
|-------------------------------|
| LDR: <b>Cedar Rapids, IA.</b> |
| TIC                           |
| NSIC                          |
| ACRS (16) CYS SENT AS CAT. B  |

**773200084**

**104**

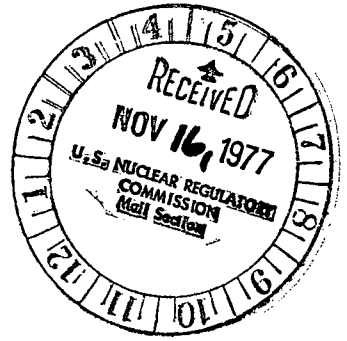
**60**

*D. Lankam*

# REGULATORY DOCKET FILE COPY

## IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
November 3, 1977  
DAEC -77 - 555



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. 77-83  
(30 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,

*Ellery L. Hammond*

Ellery L. Hammond  
Chief Engineer  
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/mg

cc: Director, Office of Inspection and Enforcement (30)  
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

NOV 7 1977

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LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LICENSEE CODE: I A D A C 1; LICENSE NUMBER: 000-00000000-000; LICENSE TYPE: 41111111; CAT 58: 4

REPORT SOURCE: L; DOCKET NUMBER: 05000331; EVENT DATE: 7100677; REPORT DATE: 1110377

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

During Surveillance Testing the reactor water cleanup system return line isolation valve, MOV 2740, did not close within the time limit specified in Table 3.7-3 of Technical Specifications. The required time is 10 seconds and the valve closed in 11.7 seconds. MOV 2740 was in the closed position prior to and following the test. No significant occurrences took place as a result of this event.

SYSTEM CODE: CG; CAUSE CODE: A; CAUSE SUBCODE: A; COMPONENT CODE: VALVOP; COMP. SUBCODE: A; VALVE SUBCODE: Z

LER/RO REPORT NUMBER: 77; EVENT YEAR: 77; SEQUENTIAL REPORT NO.: 083; OCCURRENCE CODE: 03; REPORT TYPE: L; REVISION NO.: 0

ACTION TAKEN: EH; EFFECT ON PLANT: Z; SHUTDOWN METHOD: Z; HOURS: 0000; ATTACHMENT SUBMITTED: N; NPRD-4 FORM SUB.: N; PRIME COMP. SUPPLIER: A; COMPONENT MANUFACTURER: L2000

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Operations personnel did not verify proper closing time following maintenance performed on 9/28/77. The valve open limit switch was adjusted and the valve tested and found to close within the specified time. Personnel involved to be re-instructed. Management review continuing to determine method for ensuring adequate post maintenance testing.

FACILITY STATUS: E; % POWER: 100; OTHER STATUS: NA; METHOD OF DISCOVERY: C; DISCOVERY DESCRIPTION: Special Surveillance Test

ACTIVITY CONTENT RELEASED OF RELEASE: Z; AMOUNT OF ACTIVITY: NA; LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES NUMBER: 000; TYPE: Z; DESCRIPTION: NA

PERSONNEL INJURIES NUMBER: 000; DESCRIPTION: NA

LOSS OF OR DAMAGE TO FACILITY TYPE: Z; DESCRIPTION: NA

PUBLICITY ISSUED DESCRIPTION: N; NAME OF PREPARER: J. Van Sickle; PHONE: 319-851-5611

RECEIVED DOCUMENT  
PROCESSING UNIT

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