

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:  
Mr. James G. Keppler

FROM:  
Iowa Electric Light & Power Company  
Cedar Rapids, Iowa  
Ellery L. Hammond

DATE OF DOCUMENT  
4/18/77

DATE RECEIVED  
4/27/77

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
1 CC

DESCRIPTION

Ltr. trans the following:

**DO NOT REMOVE**

PLANT NAME: Duane Arnold  
RJL

(1-P)

ENCLOSURE

Licensee Event Report (RO 50-331/77-28) on 4/5/77 concerning thirteen control rod drive hydraulic control unit water level switches not responding to water level increases....

(1-P)

(40 cys rec'd)

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

FOR ACTION/INFORMATION

|                          |          |
|--------------------------|----------|
| BRANCH CHIEF:            | Leav     |
| W/3 CYS FOR ACTION       |          |
| LIC. ASST.:              | Parrish  |
| W/1 CYS                  |          |
| ACRS /6 CYS HOLDING/SENT | AS CAT B |

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

|                        |  |  |
|------------------------|--|--|
| LPDR: Cedar Rapids, Ia |  |  |
| TIC:                   |  |  |
| NSIC:                  |  |  |

CONTROL NUMBER

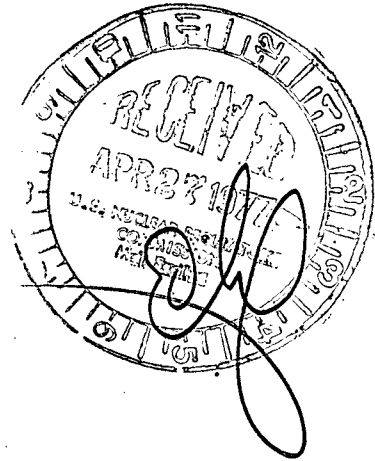
771180339 AD 4  
GD

Regulatory

File Cy.

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
April 18, 1977  
DAEC -77 - 235



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. 77-28  
(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,

*Ellery L. Hammond*

Ellery L. Hammond  
Chief Engineer  
Duane Arnold Energy Center

ELH/JVS/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

771180339

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: 01 I A D A C 1 14
LICENSE NUMBER: 0 0 - 0 0 0 0 0 0 - 0 0 25
LICENSE TYPE: 4 1 1 1 1 30
EVENT TYPE: 0 1 31 32
CATEGORY: 01 CONT 57 58
REPORT TYPE: T 59
REPORT SOURCE: L 60
DOCKET NUMBER: 0 5 0 - 0 3 3 1 68
EVENT DATE: 0 4 0 5 7 7 74
REPORT DATE: 0 4 1 8 7 7 80

EVENT DESCRIPTION

02 During the performance of preventive maintenance thirteen control rod
03 drive hydraulic control unit water level switches would not respond to
04 water level increases. The switches were replaced in kind and the new
05 switches functionally tested. (RO 77-28)
06

SYSTEM CODE: 07 R B 9 10
CAUSE CODE: F 11
COMPONENT CODE: C K T B R K 17
PRIME COMPONENT SUPPLIER: N 43
COMPONENT MANUFACTURER: G O S O 47
VIOLATION: N 48

CAUSE DESCRIPTION

08 Unknown. Investigation is continuing. Supplemental report will be submi
09 tted when cause and corrective action are determined.
10

11 FACILITY STATUS: H 9 % POWER: 0 0 0 10 12 OTHER STATUS: NA 13 METHOD OF DISCOVERY: B 45 DISCOVERY DESCRIPTION: Preventive Maintenance 46
12 FORM OF ACTIVITY RELEASED: Z 9 CONTENT OF RELEASE: Z 10 AMOUNT OF ACTIVITY: NA 44 LOCATION OF RELEASE: NA 45

PERSONNEL EXPOSURES

13 NUMBER: 0 0 0 11 TYPE: Z 12 DESCRIPTION: NA 13

PERSONNEL INJURIES

14 NUMBER: 0 0 0 11 DESCRIPTION: NA 12

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16 TYPE: Z 10 DESCRIPTION: NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19

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