

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:  
Mr. James G. Keppler

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

DATE OF DOCUMENT  
~~4/8/77~~ 5/24/77

DATE RECEIVED  
6/8/77

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
1 SIGNED

DESCRIPTION

PLANT NAME:  
Duane Arnold  
RJL

(1-P)

ENCLOSURE

Licensee Event Report (RO 50-331/77-31) on 4/8/77 concerning the 1A bus undervoltage relay, 127-4, deenergized below required setpoint limit.....

**DO NOT REMOVE**

**ACKNOWLEDGED**

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	LEAR
W/3 CYS FOR ACTION	
LIC. ASST.:	PARRISH
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	AS CAP B

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	
NRC PDR	
I & E (2)	
MIPC	
SCHROEDER/IPPOLITO	
HOUSTON	
NOVAK/CHECK	
GRIMES	
BUTLER	
HANAUER	
TEDESCO/MACCARY	
EISENHUT	
BAER	
SHAO	
VOLLMER/BUNCH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

LPDR: CEDAR RAPIDS 1A	
TIC:	
NSIC:	

CONTROL NUMBER

404  
771590259  
60

*W. Larson*

# IOWA ELECTRIC LIGHT AND POWER COMPANY

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

May 24, 1977  
DAEC-77- 288



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. 77-31  
(30 day)

File: A-118a

## Regulatory Docket File

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

MAY 27 1977

771590259

# LICENSEE EVENT REPORT

UPDATE REPORT - PREVIOUS  
REPORT DATE 050377

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: 

01	I	A	D	A	C	1
----	---	---	---	---	---	---

 LICENSE NUMBER: 

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

 LICENSE TYPE: 

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

 EVENT TYPE: 

0	3
---	---

CONT: 

0	1
---	---

 CATEGORY: 

--	--

 REPORT TYPE: 

L
---

 REPORT SOURCE: 

L
---

 DOCKET NUMBER: 

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

 EVENT DATE: 

0	4	0	8	7	7
---	---	---	---	---	---

 REPORT DATE: 

0	5	2	3	7	7
---	---	---	---	---	---

### EVENT DESCRIPTION

02 | During surveillance testing the 1A4 bus undervoltage relay, 127-4, deenergized at 19.7 VAC. The required setpoint is 24 plus or minus 4 VAC. | 80  
03 | | 80  
04 | Event did not present an unsafe plant condition as the relay would still have performed its required function but at a slightly lower voltage. | 80  
05 | | 80  
06 | The relay was recalibrated and functionally tested. (R0 77-31) | 80

SYSTEM CODE: 

I	B
---	---

 CAUSE CODE: 

E
---

 COMPONENT CODE: 

R	E	L	A	Y	X
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER: 

N
---

 COMPONENT MANUFACTURER: 

G	0	8	0
---	---	---	---

 VIOLATION: 

Y
---

### CAUSE DESCRIPTION

08 | Instrument drift. The relay is a General Electric type HGA14AR22A. The relay was recalibrated to 24.4 VAC. No further corrective action is planned. | 80  
09 | | 80  
10 | | 80

FACILITY STATUS: 

H
---

 % POWER: 

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

 OTHER STATUS: 

NA
----

 METHOD OF DISCOVERY: 

B
---

 DISCOVERY DESCRIPTION: 

Surveillance Test
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FORM OF ACTIVITY RELEASED: 

Z
---

 CONTENT OF RELEASE: 

Z
---

 AMOUNT OF ACTIVITY: 

NA
----

 LOCATION OF RELEASE: 

NA
----

### PERSONNEL EXPOSURES

13 | NUMBER: 

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

 TYPE: 

Z
---

 DESCRIPTION: 

NA
----

 | 80

### PERSONNEL INJURIES

14 | NUMBER: 

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

 DESCRIPTION: 

NA
----

 | 80

### OFFSITE CONSEQUENCES

15 | 

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 | 80

### LOSS OR DAMAGE TO FACILITY

16 | TYPE: 

Z
---

 DESCRIPTION: 

NA
----

 | 80

### PUBLICITY

17 | 

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 | 80

### ADDITIONAL FACTORS

18 | 

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 | 80

19 | 

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 | 80

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

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