

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
5/3/77

DATE RECEIVED
5/6/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
1 CC

DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED

PLANT NAME:
Duane Arnold (1-P)

RJL

DO NOT REMOVE

ENCLOSURE

Licensee Event Report (RO 50-331/77-31) on 4/8/77 concerning the 1A4 bus undervoltage relay, 127-4, deenergized at 19.7 VAC and the required setpoint is 24 plus or minus 4 VAC....

(1-P)

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>Leal</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>Parrish</i>
W/7 CYS	
ACRS <i>16</i> CYS HOLDING/SENT	<i>As CAT B</i>

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: <i>Cedar Rapids, Ia</i>	
TIC:	
NSIC:	

CONTROL NUMBER

771290229

RO
60

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
May 3, 1977
DAEC-77-249



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 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
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/mg

Docket 50-331
attachment

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

771290229

LICENSEE EVENT REPORT

CONTROL BLOCK:

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME [01] I A D A C I						LICENSE NUMBER [0] [0] [0] [0] [0] [0] [0] [0] [0] [0]						LICENSE TYPE [4] [1] [1] [1] [1]				EVENT TYPE [0] [3]	
CATEGORY [01] CONT		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] [0] [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]	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
[04]	The relay was recalibrated and functionally tested. (RO 77-31)	80

SYSTEM CODE [07] I B	CAUSE CODE [E]	COMPONENT CODE R E L A Y X	PRIME COMPONENT SUPPLIER [N]	COMPONENT MANUFACTURER G O E G	VIOLATION [Y]
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CAUSE DESCRIPTION

[08]	Instrument drift. The relay is a General Electric type HGA14AR22A. Since this was the first instance of trouble with this relay no further corrective action is planned.	80
[09]		80
[10]		80

FACILITY STATUS [11] H	% POWER [0] [0] [0]	OTHER STATUS NA	METHOD OF DISCOVERY [B]	DISCOVERY DESCRIPTION Surveillance Test
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FORM OF ACTIVITY RELEASED [12] Z	CONTENT OF RELEASE [Z]	AMOUNT OF ACTIVITY NA	LOCATION OF RELEASE NA
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PERSONNEL EXPOSURES

NUMBER [13] 0 0 0	TYPE [Z]	DESCRIPTION NA
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PERSONNEL INJURIES

NUMBER [14] 0 0 0	DESCRIPTION NA
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OFFSITE CONSEQUENCES

[15]	NA	80
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LOSS OR DAMAGE TO FACILITY

TYPE [16] Z	DESCRIPTION NA
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PUBLICITY

[17]	NA	80
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ADDITIONAL FACTORS

[18]	NA	80
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[19]		80
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NAME: J. Van Sickle PHONE: 319-851-5611