

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:
Mr. James G. Keppler

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

DATE OF DOCUMENT
7/28/77

DATE RECEIVED
8/24/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
1 SIGNED CY RECEIVED

DESCRIPTION

PLANT NAME: Duane Arnold (1-P)
RJL 8/25/77

ENCLOSURE

Licensee Event Report (RO 50-331/77-58) on 7/16/77 concerning essential Bus 1B34A supply breaker 1B3401 tripping on over current when the hand switch for MOV 2004 was placed in the closed position.....

ACKNOWLEDGED
DO NOT REMOVE

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

FOR ACTION/INFORMATION

BRANCH CHIEF: (4)	LEAR		
W/ 3 CTS FOR ACTION			
LIC ASST.			

INTERNAL DISTRIBUTION

REG FILE			
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			

EXTERNAL DISTRIBUTION

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

CONTROL NUMBER

AO 4
772370099
GD

P. Hammond IE

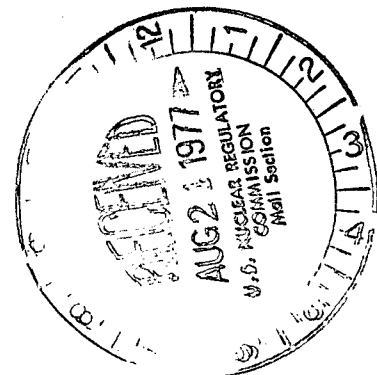
IOWA ELECTRIC LIGHT AND POWER COMPANY

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

July 28, 1977
DAEC-77 - 395

Regulatory

File Cy



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. 77-58
(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
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/mg

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

AUG 1 1977
772370099

LICENSEE EVENT REPORT

Regulatory

File Cy.

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	1
---	---

CONT:

01

 CATEGORY:

--	--

 REPORT TYPE:

T

 REPORT SOURCE:

L

 DOCKET NUMBER:

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

 EVENT DATE:

0	7	1	6	7	7
---	---	---	---	---	---

 REPORT DATE:

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

EVENT DESCRIPTION

02 | During surveillance testing, essential Bus 1B34A supply breaker 1B3401 t
7 8 9 | 60
03 | ripped on over current when the hand switch for MOV 2004 was placed in t
7 8 9 | 80
04 | he close position. By design, breaker 1B4401 from redundant power suppl
7 8 9 | 80
05 | y did not close automatically to pick up 1B34A and 1B44a due to the over
7 8 9 | 80
06 | current trip. This made both LPCI loops and the MSIV-LCS inoperable unt
7 8 9 | 80

SYSTEM CODE:

E	B
---	---

 CAUSE CODE:

A

 COMPONENT CODE:

C	K	T	B	R	K
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER:

A

 COMPONENT MANUFACTURER:

A	1	8	0
---	---	---	---

 VIOLATION:

Y

CAUSE DESCRIPTION

08 | Breaker 1B3401 was installed as a result of previous event (see RO 77-3
7 8 9 | 80
09 | 6). During installation the trip setpoint was not adjusted to meet circ
7 8 9 | 80
10 | uit requirements due to personnel error. Personnel to be reinstructed.
7 8 9 | 80

FACILITY STATUS:

E

 % POWER:

0	9	1
---	---	---

 OTHER STATUS:

NA

 METHOD OF DISCOVERY:

B

 DISCOVERY DESCRIPTION:

Surveillance Test

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

PERSONNEL INJURIES

14 | NUMBER:

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

 DESCRIPTION:

NA

OFFSITE CONSEQUENCES

15 |

NA

LOSS OR DAMAGE TO FACILITY

16 | TYPE:

Z

 DESCRIPTION:

NA

PUBLICITY

17 |

NA

ADDITIONAL FACTORS

18 | Event Desc. Cont. - il breaker 1B3401 could be reset and the load shifted
7 8 9 | 80
19 | to breaker 1B4401. Breaker trip point corrected. (RO 77-58)
7 8 9 | 80

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

RECEIVED DOCUMENT
PROCESSING UNIT

1977 AUG 24 PM 12 21