

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr. James G. Keppler

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

DATE OF DOCUMENT
11/18/77

DATE RECEIVED
11/28/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED

151620

DESCRIPTION

ENCLOSURE

PLANT NAME: Duane Arnold
RJL 11/28/77

(1-P)

Licensee Event Report (RO 50-331/77-84) on 10/27/77 concerning the "A" recirculation pump being noted to have decreased in flow and the associated M-G set field voltage increasing & the M-G set generator winding temperature increasing.....

(1-P)

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

1 ENCL

FOR ACTION/INFORMATION

BRANCH CHIEF: (4)
W/ 5 CYS FOR ACTION
LIC ASST:

LEAR

INTERNAL DISTRIBUTION

REG FILE
NRC PDR
I S E (2)
MIPC
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BUTLER
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EISENHUT
BAER
SHAO
VOLLMER/BUNCH
KREGER/ J. COLLINS
ROSA
L CROCKER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

L PDR: CEDAR RAPIDS IA
TIC:
NSIC:
ACRS (16) SENT AS CAT. B

773320180

AD4

GD

D. Lanham

REGULATORY DOCKET FILE COPY
IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
November 18, 1977
DAEC-77-578



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. 77-84
(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

773320180

NOV 22 1977

LICENSEE EVENT REPORT

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

01 I A D A C 1 000-00000-000 41111111 05

CON'T 01 REPORT SOURCE L 05000331 102777 111777

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 During normal operation the "A" recirculation pump was noted to have de
03 creased in flow, the associated M-G set field voltage had increased and
04 the M-G set generator winding temperature was increasing. The M-G set
05 was taken out of service to investigate this problem. There was no
06 significant occurrence as a result of this event.

09 SYSTEM CODE CB CAUSE CODE E CAUSE SUBCODE A COMPONENT CODE XXXXX OCCURRENCE CODE 03 REPORT TYPE L REVISION NO. 0
17 LER/RO REPORT NUMBER 77 SEQUENTIAL REPORT NO. 084 ATTACHMENT SUBMITTED N NPRD-4 FORM SUB. N PRIME COMP. SUPPLIER N COMPONENT MANUFACTURER G080

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 Investigation revealed the primary side fuses to a M-G set voltage re
11 gulator reference transformer were opened. Checks made of both voltage
12 regulator and reference transformer revealed no problems. The fuses we
13 re replaced and the M-G set returned to service.

15 FACILITY STATUS E % POWER 097 OTHER STATUS NA METHOD OF DISCOVERY A DISCOVERY DESCRIPTION Operator Observation
16 ACTIVITY CONTENT Z Z AMOUNT OF ACTIVITY NA LOCATION OF RELEASE NA
17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 000 Z NA
18 PERSONNEL INJURIES NUMBER DESCRIPTION 000 NA
19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION Z NA
20 ISSUED DESCRIPTION N

GPO 517-926

RECEIVED DOCUMENT
RECORDING UNIT

1977 NOV 28 PM 12 36