

LICENSEE EVENT REPORT

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

01 1 1 A 0 A C 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 1 4 5
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

CONT
01 1 1 0 5 0 0 0 3 3 1 7 1 1 2 8 8 3 8 1 2 2 8 8 3 9
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 During normal operation, a surveillance test of the containment atmosphere
03 re dilution (CAD) system revealed pressure regulator PCV-4323A&B malfunc
04 tions. Both CAD injection paths were degraded as the N₂ pressure would n
05 ot regulate at the required 32 psig. The CAD system was declared inopera
06 ble entering a 7 day LCO per T.S. 3.7.A.6.A. No previous similar occurre
07 nces were identified of multiple regulator failures causing an inop. CAD
08 system. No effect on public health and safety.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
S E 11 E 12 E 13 V A L V E X 14 X 15 H 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

17 LER/RO REPORT NUMBER 18 3 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
8 3 0 4 4 0 3 L 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
A 18 Z 19 Z 20 Z 21 0 0 0 0 0 N 22 N 23 N 24 A 25 M 10 9 10 26
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 Component failure due to O-rings and seats of the Marotta Model 77H pres
11 s reg's to reduce N₂ press from 1500 to 100 psig (2nd reg reduces to 32
12 psig). Replaced worn parts in PCV-4323A, tested and returned "A" CAD sys
13 tem to service within 4 days. In 5 days returned "B" CAD system op. Equi
14 p. performance will be monitored at increased frequency.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

15 FACILITY STATUS 16 9 9 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
% POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
0 9 9 NA B Surveillance Test

16 Z 33 Z 34 NA 35 NA 36 NA 37 NA 38 NA 39 NA 40 NA
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 0 0 0 37 Z 38 NA 39 NA 40 NA
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

14 0 0 0 40 NA 41 NA 42 NA 43 NA 44 NA 45 NA
PERSONNEL INJURIES NUMBER DESCRIPTION

13 0 0 0 40 NA 41 NA 42 NA 43 NA 44 NA 45 NA
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

13 Z 42 NA 43 NA 44 NA 45 NA
PUBLICITY ISSUED DESCRIPTION

20 N 44 NA 45 NA
NAME OF PREPARER David B. Hamel PHONE (319) 851-7309
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

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NRC USE ONLY

Iowa Electric Light and Power Company

December 28, 1983
DAEC-83-896

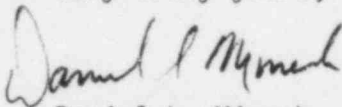
Mr. James G. Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Duane Arnold Energy Center
Docket No. 50-331
Op. License DPR-49
Licensee Event Report No. 83-044
(30-day)

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications, Section 6.11.2.b(2), and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report.

Very truly yours,



Daniel L. Mineck
Plant Superintendent - Nuclear
Duane Arnold Energy Center

DLM/DBH/pf

attachment

cc: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC Resident Inspector - DAEC

File A-118a

DEC 30 1983

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