

## LICENSEE EVENT REPORT

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

01 I A D 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 41 42 43 44 45 46 47 48 49 50

CONT

01 REPORT SOURCE L 6 0 1 5 10 10 0 3 3 1 7 0 1 5 12 13 18 13 8 0 1 6 1 2 2 8 1 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 41 42 43 44 45 46 47 48 49 50

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 While operating in torus cooling mode, pressure differential across RHR  
03 Service Water strainer (1S-90B) increased. The strainer jammed causing t  
04 he drive motor coupling shear pins to shear as per design. The "B" loop  
05 of RHR Service Water was declared inop, @0050, in accordance with tech s  
06 pec 3.5.C.3, a 7-day LCO commenced. Redundant loop was functional tested  
07 sat. The 7-day LCO was terminated @1340 when the system was returned to  
08 operation. Previous occurrences (see RO 81-07, 82-11).  
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 41 42 43 44 45 46 47 48 49 50

09 SYSTEM CODE C F 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE F I L T E R 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 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 41 42 43 44 45 46 47 48 49 50

17 LER/RO REPORT NUMBER 8 3 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTION TAKEN A 18 FUTURE ACTION F 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED N 23 NPRO-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER Z 0 1 1 0 26  
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The motor coupling shear pins sheared due to the strainer being jammed w  
11 ith river water debris. After maintenance, the strainer rotated freely a  
12 nd the pressure differential dropped to normal. Two shear pins were inst  
13 alled and the "B" RHR Service Water operability test was performed sat.  
14 An engineering evaluation will be initiated to alleviate recurrence.  
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 41 42 43 44 45 46 47 48 49 50

15 FACILITY STATUS E 28 % POWER 0 8 8 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32  
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 41 42 43 44 45 46 47 48 49 50

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36  
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 41 42 43 44 45 46 47 48 49 50

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39  
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 41 42 43 44 45 46 47 48 49 50

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41  
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 41 42 43 44 45 46 47 48 49 50

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43 8307050050 830622 PDR AD0CK 05000331 S PDR  
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 41 42 43 44 45 46 47 48 49 50

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45  
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 41 42 43 44 45 46 47 48 49 50

NAME OF PREPARER Matthew W. Andersen

PHONE:

319-851-7308

NRC USE ONLY

Iowa Electric Light and Power Company

June 22, 1983  
DAEC-83-443

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

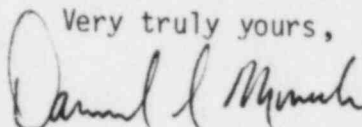
Subject: Licensee Event Report No. 83-017  
(30 day)

File: A-118a, TE-2

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

*MWA*

DLM/MWA/pf

Docket 50-331

attachment

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

NRC Resident Inspector - DAEC

JUN 24 1983

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