

DSB

Iowa Electric Light and Power Company

June 20, 1980  
DAEC - 80 - 295

Mr. James G. Keppler, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission - Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Subject: Licensee Event Report No. 80-021  
(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,

*Daniel L. Mineck for*

Daniel L. Mineck  
Chief Engineer  
Duane Arnold Energy Center

Docket 50-331

attachment

DLM/DWT/rs

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

U. S. Nuclear Regulatory Commission  
c/o Document Management Branch  
Washington, D. C. 20555

NRC Resident Inspector - DAEC

JUN 23 1980

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## 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 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

01 REPORT SOURCE L 6 0 5 0 0 0 3 3 1 7 0 5 2 4 8 0 8 0 6 2 0 8 0 9  
7 8 60 61 DOCKET NUMBER 63 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While performing HPCI operability testing following maintenance, the HPC  
03 I turbine would not reach rated speed in the time required by the test p  
04 rocedure. The HPCI system was declared inoperable and ADS, RCIC, LPCI an  
05 d core spray were satisfactorily tested for operability per TS 4.5.D.2  
06 Investigation revealed the hydraulic seal in the turbine stop valve was  
07 deteriorated so that the valve was not opening properly and steam flow t  
08 o the turbine was delayed. Possible contributing factor to RO 78-025.

09 SYSTEM CODE S F 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE V A L V O P 14 COMP. SUBCODE C 15 VALVE SUBCODE Z 16  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
17 LER/RO REPORT NUMBER 8 0 21 22 0 2 1 23 24 0 3 25 26 0 3 27 28 L 29 30 0 31 32  
ACTION TAKEN A 18 FUTURE ACTION Z 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 N 25 COMPONENT MANUFACTURER S 0 7 5 25  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Component failure. The leather hydraulic seal in the Schutte & Koerting  
11 Co. oil driven HPCI turbine stop valve was replaced with a BUNA-N seal  
12 in accordance with vendor recommendations (see SIL #306,R1).  
13 On May 28, 1980 the HPCI system was satisfactorily tested and declared op  
14 erable. No further corrective action is planned at this time.

15 FACILITY STATUS E 28 % POWER 0 4 2 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance Testing 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 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  
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

D. W. Tooker

PHONE:

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