Iowa Electric Light and Power Company May 27, 1980 DAEC - 80 - 250

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. 80-017

(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 Chief Engineer

Duane Arnold Energy Center

Docket 50-331

attachment DLM/DWT/rs

JUN 2 1981

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

8006030467

LICENSEE EVENT REPORT

-		_	6
	•		
	•		

EIGENSEE EVENT REPORT
CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 I A D A C 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 4 57 CAT 58
CON'T O I SOURCE IL 6 0 5 0 0 0 3 3 1 7 0 4 3 0 8 0 5 2 7 8 0 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 At 0518 hrs on April 30, the "A" reactor recirc pump motor generator set
[0] [tripped. Undervoltage protective feature caused M-G set motor trip. Sub-
0 4 sequent investigation located a short within the motor. Rx power was re-
[0]5 duced and resulted in shutdown per T.S.3.6.F.2. Motor was removed for
0 6 repair. Amendment to license allowed one pump operation to begin May 7.
0 7 Rx was shutdown May 16 for motor replacement and returned to 2 pump oper
0 8 lation May 17. The M-G set drive mtr. is a 4500 HP GE induction type mtr.
SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE CODE SUBCODE COMPONENT CODE SUBCODE COMPONENT CODE SUBCODE TO B 10 11 E 12 A 13 M O T O R X 14 Z 15 Z 16 TO B 10 11 12 12 13 13 18 19 20
SEQUENTIAL OCCURRENCE REPORT NO. 17 REPORT 8 0
ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT NPRO4 PRIME COMP. COMPONENT MANUFACTURER LD 18 Z 19 A 20 A 21 LD 1 6 9 N 23 N 24 N 25 G O 8 O 2 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
[1 0 Electrical short within the motor. Cause of short unknown. The motor was
removed and sent to National Standard Coil for re-wind. The motor was
rewound and returned. Motor was satisfactorily hipot tested, aliqued,
and run satisfactorily on May 16. Rx recirc loop was declared operable;
DAEC returned to normal full power operation. No further action planned.
FACILITY STATUS TOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 [1 5 E 28 0 8 29 NA A 31 Operator Observation
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
1 5 Z (33) Z (34) NA NA NA NA NA NA NA N
1 7 O O O O O O NAME OF NAME OF SCRIPTION (39) 7 8 9 NA NA
PERSONNEL INJURIES NUMBER DESCRIPTION 41
7 8 9 11 12 LOSS OF OR DAMAGE TO FACILITY (2)
Reduced power operation and shutdown per T.S. and for motor repair
PUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY
7 8 9 10 May 1 and May 8 News releases to local radio/newspapers
NAME OF PREPARER D. W. Tooker PHONE: 319-851-5611