REGULATORY INF MATION DISTRIBUTION SYSTEM RIDS)

ACCESSION NBR:8003120531 DOC.DATE: 80/03/06 NOTARIZED: NO DOCKET # FACIL:50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331

AUTH. NAME AUTHOR AFFILIATION

TOOKER, D. W. Iowa Electric Light & Power Co.

RECIPIENT AFFILIATION

Region 3, Chicago, Office of the Director

SUBJECT: LER 80-005/03L-0:on 800205, during reactor core isolation cooling sys pump & operability test, condensate pump 1P-228 would not pump down barametric condenser & pump space heaters tripped. Caused by defective contactor coil.

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NOTES:

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	09 I&E	2	Ź	11 MPA	3	3	
	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1	
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	CONTROL BLOCK: [] [] [] (PLEASE PRINT OR TY® ALL REQUIRED INFORMATION)
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CON'T 0 1 7 8	SOURCE L 6 0 5 0 0 0 3 3 1 7 0 12 10 5 8 0 3 0 13 0 6 8 0 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10 While performing the monthly RCIC system pump and valve operability test
[6]3]	the RCIC system condensate pump, 1P-228, would not pump down the RCIC
-	turbine barametric condenser and the pump space heaters
0 5	tripped. The RCIC system was thus inoperable. RCIC system operability
0 5	requirements are specified in T.S.3.5.E.]. The HPCI system was verified
0 7	operable immediately in accordance with T.S.3.5.E.2. No similar event
0.8	reports have been submitted.
0 9 8	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE CODE SUBCODE COMPONENT CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE 10 11 12 12 13 13 18 19 20 20 20 20 20 20 20 20 20 20 20 20 20
	LER/RO EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE REPORT TYPE NO. NO. 17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32
[1]	ACTION FUTURE CALLED SHUTDOWN HOURS 22 ATTACHMENT NORM SUB. PRIME COMP. COMPONENT MANUFACTURER SUBMITTED FORM SUB. PRIME COMP. COMPONENT MANUFACTURER MANUFACTURER SUBMITTED FORM SUB. PRIME COMP. MANUFACTURER MAN
	L defective Al contactor coil was replaced. The RCIC system was tested
1 2	Land declared operable. RCIC was out of service for a total of 17.5 hours
لقلنا	. No further corrective action is planned at this time.
; 8	FACILITY 80
15	STATUS SPOWER OTHER STATUS (30) METHOD OF DISCOVERY DESCRIPTION (32) [E] (28) [0] 7 [9] [29] NA [B] (31) Monthly Surveillance Testing
	CTIVITY CONTENT 12 13 44 45 46 ELEASED OF RELEASE AMOUNT OF ACTIVITY (35) AMOUNT OF ACTIVITY (35) NA NA NA
	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
7 8	9 PERSONNEL INJURIES 13 80
1 8	NUMBER DESCRIPTION 41 D O O O O O O O
7 8	LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION 800 3 [20 53]
7 8	PUBLICITY ISSUED DESCRIPTION 45 NAC USE ONLY NAC USE ONLY 10 68 69 10
	NAME OF PREPARER D. W. Tooker PHONE: 319-851-5611



Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 3-06-80

Reportable Occurrence No: 80-005

Event Description

At 0320 hours on February 5, 1980 while performing the monthly RCIC system pump and MOV operability surveillance test, the RCIC turbine condensate pump 1P-228, (Nash Equipment Co. pump size S2350S17 with General Electric Model L 182ACY, 3 HP, 3500 RPM DC Motor) was found to be inoperable due to a faulty contactor coil to one of the pump motor space heaters. The plant was in steady state power operation at this time. The RCIC system operability requirements are specified in T.S.3.5.E.l. The HPCI system was verified operable in accordance with T.S.3.5.E.2. No similar event reports have been submitted.

Cause Description

The cause of the contactor coil failure is unknown and considered indeterminate.

Corrective Action

The RCIC system was declared inoperable. The defective contactor coil was replaced. At 2048 hours on February 5, 1980 the monthly RCIC system pump and MOV operability surveillance test was satisfactorily completed, including the condensate pump, and the RCIC system was declared operable. No further corrective action is planned at this time.

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