

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8105110235 DOC. DATE: 81/05/05 NOTARIZED: NO DOCKET #
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow: 05000331
 AUTH. NAME: AUTHOR AFFILIATION
 RAGER, M.S. Iowa Electric Light & Power Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 Region 3, Chicago, Office of the Director

SUBJECT: LER 81-017/01T-0: on 810421, bus 1B-34 A breaker 52-3401 did not close when breaker 52-4401 from redundant power supply was opened. Caused by short in Y-coil which caused fuse to blow. Replacement coil ordered.

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 TITLE: Incident Reports

NOTES:

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	A/D MATL & QU08	1	1	A/D OP REACT009	1	1
	A/D PLANT SYS10	1	1	A/D RAD PROT 11	1	1
	A/D SFTY ASSE12	1	1	ACC EVAL BR 14	1	1
	AEOD	3	3	AEOD/DMU	3	3
	ASLBP/J. HARD	1	1	AUX SYS BR 15	1	1
	CHEM ENG BR 16	1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18	1	1	DIR, ENGINEER I20	1	1
	DIR, HUM FAC S21	1	1	DIR, SYS INTEG22	1	1
	EFF TR SYS BR23	1	1	EQUIP QUAL BR25	1	1
	GEOSCIENCES 26	1	1	I&C SYS BR 29	1	1
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	LIC GUID BR 30	1	1	MATL ENG BR 32	1	1
	MECH ENG BR 33	1	1	NRC PDR 02	1	1
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	NSIC 05	1	1			

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TOTAL NUMBER OF COPIES REQUIRED: LTR 61 ENCL 61

4

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: _____ ①

01	7	I A D A C 1	8	2	0	0	-	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	1	1	1	1	4	5							
LICENSEE CODE								LICENSE NUMBER																	LICENSE TYPE								CAT		58	

01	7	L	6	0	1	5	0	0	0	3	3	1	7	0	4	2	1	8	1	3	0	5	0	5	8	1	1	9
REPORT SOURCE			DOCKET NUMBER											EVENT DATE						REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

02 | During breaker testing following breaker maintenance essential bus 1B-34

03 | A breaker 52-3401 did not close when breaker 52-4401 from redundant power

04 | supply was opened. 52-3401 is req'd to be operable during power operation

05 | to ensure a redundant power supply for LPCI injection valves and MSI

06 | V-LCS is available. Redundant breaker 52-4401 was operable and was providing

07 | the power necessary to operate these valves. One previous occurrence

08 | was reported with a failed "Y" coil on 52-3401. See RO 77-36.

09	7	F	9	E	11	B	12	C	13	K	14	T	15	B	16	R	17	K	18	A	19	Z	20
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE									
17	LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.			OCCURRENCE CODE		REPORT TYPE		REVISION NO.												
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
A		Z		Z		Z		0000		Y		N		N		A180							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

10 | A short in the Y-coil for 52-3401 resulted in an overcurrent condition in

11 | the breaker control logic which caused a fuse to blow and brkr to remain

12 | in open. The breaker and Y-coil are manufactured by Allis Chalmers. A replacement

13 | coil has been ordered and will be installed prior to s/u from the next

14 | current refueling outage. No further corr. action is planned.

15	7	H	28	0	0	0	0	29	NA	30	B	31	Functional Testing	32			
FACILITY STATUS		% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
ACTIVITY RELEASED		CONTENT OF RELEASE				AMOUNT OF ACTIVITY				LOCATION OF RELEASE							
Z		Z				NA				NA							

17	7	0	0	0	37	Z	28	NA	39
PERSONNEL EXPOSURES			DESCRIPTION						

18	7	0	0	0	40	NA	41
PERSONNEL INJURIES		DESCRIPTION					

19	7	Z	42	NA	43
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION			

20	7	N	44	NA	45
PUBLICATION ISSUED		DESCRIPTION			

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