

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8007110419      DOC.DATE: 80/07/03      NOTARIZED: NO      DOCKET #  
FACIL:50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow      05000331  
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RAGER,M.      Iowa Electric Light & Power Co.  
RECIP.NAME      RECIPIENT AFFILIATION  
                 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-026/03L-0: on 800617, one undervoltage relay found to have time delay during surveillance test. Caused by instrument drift. Relay recalibrated & functionally tested.

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TITLE: Incident Reports

NOTES: \_\_\_\_\_

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ACTION:	BCIPPOLITQ,T.05	1	1	PM KEVERN,T.06	2	2	
INTERNAL:	A/D COMP&STRUCT	1	1	A/D CORE & CS	1	1	
	A/D ENV TECH	1	1	A/D GEN PROJ	1	1	
	A/D LICENSING	1	1	A/D MATL & QUAL	1	1	
	A/D OP REACTORS	1	1	A/D PLANT SYS	1	1	
	A/D RAD PROT	1	1	A/D SFTY ASSESS	1	1	
	A/D TECHNOLOGY	1	1	ACC EVAL BR	1	1	
	AEOD	10	10	AUX SYS BR	1	1	
	CHEM ENG BR	1	1	CONT SYS BR	1	1	
	CORE PERF BR	1	1	DIR,ENGINEERING	1	1	
	DIR,HUM FAC SFY	1	1	DIR,SFTY TECH	1	1	
	DIR,SYS INTEG	1	1	EFF TR SYS BR	1	1	
	EMERG PREP	1	1	ENV ENG BR	1	1	
	EQUIP QUAL BR	1	1	GEN ISSUES BR	1	1	
	GEOSCIENCES	1	1	HUM FACT ENG BR	1	1	
	HYD/GEO BR	1	1	I&C SYS BR	1	1	
	I&E 09	2	2	JORDAN,E./IE	1	1	
	LIC GUID BR	1	1	LIC QUAL BR	1	1	
	MATL ENG BR	1	1	MECH ENG BR	1	1	
	MOORE,V.	1	1	MPA 11	3	3	
	NRC PDR 02	1	1	OP EX EVAL BR	3	3	
	OR ASSESS BR	1	1	POWER SYS BR	1	1	
	PPAS	1	1	PROC/TST REV BR	1	1	
	QA BR	1	1	RAD ASSESS BR	1	1	
	REACT SYS BR	1	1	REG FILE 01	1	1	
	REL & RISK A BR	1	1	SFTY PROG EVAL	1	1	
	SIT ANAL BR	1	1	STRUCT ENG BR	1	1	
	SYS INTERAC BR	1	1	TERA:DOUG MAY	1	1	
EXTERNAL:	ACRS	16	16	LPDR 03	1	1	
	NSIC 04	1	1				

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## LICENSEE 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 - 0 0 3 4 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CON'T  
0 1 REPORT SOURCE L 6 0 5 0 0 0 3 3 1 7 0 6 1 7 8 0 3 0 7 0 3 8 0 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During normal surveillance testing of 4KV emergency bus time-delay relay  
0 3 s, one of the eight undervoltage relays was found to have a time delay  
0 4 of 8.7 seconds. This is in violation of Tech. Spec. 3.2.B which requires  
0 5 that the time delay be between 8.0 and 8.5 seconds. There has been one  
0 6 similar event report involving the other relays in this bus (see R.O.  
0 7 Report 80-020).

0 8  
0 9  
SYSTEM CODE: E B 11  
CAUSE CODE: E 12  
CAUSE SUBCODE: E 13  
COMPONENT CODE: R E L A Y X 14  
COMP. SUBCODE: I 15  
VALVE SUBCODE: Z 16  
EVENT YEAR: 8 0  
SEQUENTIAL REPORT NO.: 0 2 6  
OCCURRENCE CODE: 0 3  
REPORT TYPE: L  
REVISION NO.: 0  
LER/RO REPORT NUMBER: 17  
ACTION TAKEN: E 18  
FUTURE ACTION: Z 19  
EFFECT ON PLANT: Z 20  
SHUTDOWN METHOD: Z 21  
HOURS: 0 0 0 0  
ATTACHMENT SUBMITTED: N 23  
NPRO-4 FORM SUB.: N 24  
PRIME COMP. SUPPLIER: L 25  
COMPONENT MANUFACTURER: I 2 0 2 26

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Instrument drift has been determined to be the cause. The relay has been  
1 1 subsequently recalibrated and functionally tested. The time delay relay  
1 2 was a solid-state ITE Gould model 27D relay. No further corrective  
1 3 action is planned at this time.

1 4  
FACILITY STATUS: F 28  
% POWER: 0 9 7 29  
OTHER STATUS: NA 30  
METHOD OF DISCOVERY: B 31  
DISCOVERY DESCRIPTION: Surveillance Test 32  
ACTIVITY CONTENT: Z 33  
RELEASED OF RELEASE: Z 34  
AMOUNT OF ACTIVITY: NA 35  
LOCATION OF RELEASE: NA 36  
PERSONNEL EXPOSURES: 0 0 0 37  
TYPE: Z 38  
DESCRIPTION: NA 39  
PERSONNEL INJURIES: 0 0 0 40  
DESCRIPTION: NA 41  
LOSS OF OR DAMAGE TO FACILITY: 0 42  
DESCRIPTION: NA 43  
PUBLICITY: 0 44  
DESCRIPTION: NA 45  
ISSUED: N 46  
DESCRIPTION: NA 47

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8007110419

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