

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8010150467 DOC.DATE: 80/10/09 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 80-049/03L-0:on 800919,during surveillance testing,  
 HPCI leak detection temp differential switch TDS 2260A was  
 found failed downscale.Caused by inoperable temp switch &  
 temp element.Both components replaced.

DISTRIBUTION CODE: A002S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 1+1  
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTR	ENCL		LTR	ENCL
	IPPOLITO,T. 04	3	3			
INTERNAL:	A/D COMP&STRU06	1	1	A/D ENV TECH 07	1	1
	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	A/D TECHNOLOG13	1	1
	ACC EVAL BR 14	1	1	AEOD	2	2
	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	D/DIR,HUM FAC19	1	1
	DIR,ENGINEERI20	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	I&E 05	2	2
	JORDAN,E./IE	1	1	LIC GUID BR 30	1	1
	LIC QUAL BR 31	1	1	MATL ENG BR 32	1	1
	MECH ENG BR 33	1	1	MPA	3	3
	NRC PDR 02	1	1	OP EX EVAL BR34	3	3
	OR ASSESS BR 35	1	1	POWER SYS BR 36	1	1
	RAD ASSESS BR39	1	1	REACT SYS BR 40	1	1
	<u>REG FILE</u> 01	1	1	REL & RISK A 41	1	1
	SFTY PROG EVA42	1	1	STRUCT ENG BR44	1	1
	SYS INTERAC B45	1	1			
EXTERNAL:	ACRS 46	16	16	LPDR 03	1	1
	NSIC 05	1	1	TERA:DOUG MAY	1	1

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### LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	IA	DA	CA	1	2	00	-	0	0	0	0	0	0	0	-	0	0	3	4	1	1	1	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

CON'T	01	R	L	6	0	5	0	0	0	3	3	1	7	0	9	1	9	8	0	9	1	0	0	9	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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During surveillance testing, HPCI Leak Detection Temperature Differential

03 | Switch-TDS 2260A-was found failed downscale. TDS 2260A is one of two d

04 | Differential switches that measures the difference in temp. across HPCI r

05 | oom. Tech Spec Table 3.2-B requires both switches to be operable. Redund

06 | ant switch TDS 2260B was indicating properly. TDS 2260A was returned to

07 | normal operation within four hours. No previous occurrences of this nat

08 | ure.

09	S	F	11	E	12	E	13	I	N	S	T	R	U	14	E	15	Z	16				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
17	LER/RO	REPORT	NUMBER	EVENT	YEAR	SEQUENTIAL	REPORT	NO.	OCCURRENCE	CODE	REPORT	TYPE	REVISION	NO.								
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35								
A	18	Z	19	Z	20	Z	21	0	0	0	0	N	23	N	24	N	25	R	2	7	8	25
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47								

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Cause was inoperable temperature switch and temperature element. Both co

11 | mponents were replaced to return TDS 2260A to service. TDS 2260A was fun

12 | ctionally tested-sat. Temperature element is a GE model 145C3224P001. Te

13 | mperature switch is a Riley model 86VTFF. No further action is planned a

14 | t this time.

15	E	28	0	9	9	29	NA	30	B	31	Surveillance Test	32
7	8	9	10	11	12	13	14	15	16	17	18	19
16	7	33	7	34	NA	35	NA	36				
7	8	9	10	11	12	13	14	15				
17	0	0	0	37	Z	38	NA	39				
7	8	9	10	11	12	13	14	15				
18	0	0	0	40	NA	41	NA	42				
7	8	9	10	11	12	13	14	15				
19	Z	42	NA	43	NA	44	NA	45				
7	8	9	10	11	12	13	14	15				
20	N	44	NA	45								
7	8	9	10	11	12	13	14	15				

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