

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8102120144 DOC.DATE: 81/02/05 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.
 RECIPIENT AFFILIATION
 Region 3, Chicago, Office of the Director

SUBJECT: LER 81-005/03L-0:on 810113,condensate storage tank 1T-5B low level switch LS-5219 found inoperable.Caused by moisture on probe leads in terminal box causing grounded trip signal. Moisture removed.Design review underway.

DISTRIBUTION CODE: A0028 COPIES RECEIVED:LTR ENCL SIZE:
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL		ID CODE/NAME	LTR
	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	ACC EVAL BR 14	1	1
	AEOD	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, DIV OF LIC	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	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

FEB 13 1981

TOTAL NUMBER OF COPIES REQUIRED: LTR 68 ENCL 68

LICENSEE EVENT REPORT

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

01 I A D A C 1 2 0 0 0 - 0 0 0 0 0 0 - 0 0 0 3 4 1 1 1 1 1 1 4 5

CON'T REPORT SOURCE 60 0 5 0 0 0 3 3 1 7 0 1 1 3 8 1 8 0 2 0 5 8 1 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 During surveillance testing Condensate Storage Tank(CST) 1T-5B low level
03 switch LS-5219 was found inoperable. This switch provides a low level al
04 arm for the CST's and shifts HPCI pump suction to torus on CST low level
05 . Tech Spec Table 3.2-B requires this switch be operable during reactor
06 power operation. LS 5218 was tested and found operating sat. This proble
07 m is presently the subject of a design review. Repetitive occurrence. Se
08 e LER 80-045 and LER 76-038.

09 SYSTEM CODE W F 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE I N S I T R U 14 COMP. SUBCODE S 15 VALVE SUBCODE Z 16
17 LER/RO REPORT NUMBER 8 1 EVENT YEAR 21 22 8 1 SHUTDOWN METHOD Z 21 HOURS 22 0 0 0 0 0 ATTACHMENT SUBMITTED N 23 NPRO-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER B 0 0 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Moisture on the probe's leads within the terminal box caused the trip si
11 gnal to be grounded. The moisture was removed from the leads and termina
12 l box, and the stake-ons were filled with RTV to help keep the moisture
13 away from the leads. A design review is presently underway to determine
14 how to alleviate the moisture problem in the terminal box.

15 FACILITY STATUS E 28 % POWER 0 9 8 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance Testing 32

16 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41

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

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45

810 212 0144

NAME OF PREPARER Matthew S. Rager

PHONE: 319-851-5611

950 017-026