REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8104140507 DOC.DATE: 81/04/06 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 81-011/03L-0:on 810310,condensate storage tank A low level switch LS 5218 was found inoperable.Caused by moisture on probe leads within terminal box.Moisture removed.Switches will be rewired.

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

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
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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	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
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	GEOSCIENCES 26	1	1	I&C SYS BR 29	1	1
	I&E 05	1	1	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
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	SFTY PROG EVA42	1	1	STRUCT ENG BR44	1	1
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EXTERNAL:	ACRS 46	16	16	LPDR 03	1	1
	NSIC 05	1	1			

APR 15 1981

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JF

DSD

Iowa Electric Light and Power Company
April 6, 1981
DAEC-81-205

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Licensee Event Report No. 81-011
(30 day)

File: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted).

Very truly yours,

Daniel L. Mineck
Chief Engineer
Duane Arnold Energy Center

DLM/MSR/pl

Docket 50-331

attachment

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

U. S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, D. C. 20555

NRC Resident Inspector - DAEC

APR 8 1981

NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	LICENSEE CODE: IADAC1 (2)	LICENSE NUMBER: 00-00000-00 (3)	LICENSE TYPE: 41111 (4)	CAT (5)	
CON'T 01	REPORT SOURCE: L (6)	DOCKET NUMBER: 05000331 (7)	EVENT DATE: 031081 (8)	REPORT DATE: 040681 (9)	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During surveillance testing of the "A" Condensate Storage Tank(CST) 1T-5
03 A low level switch, LS 5218 was found inoperable. This switch provides a
04 low level alarm for the CSTs and shifts HPCI pump suction to torus on CS
05 T low level. Tech Spec 3.2-B requires this switch to be operable during
06 reactor power operation. LS 5219 was tested and found operating sat. LS
07 5218 is a B&W Controller Corp level switch model E1F/50201. Repetitive p
08 roblem. See LER 81-005, 80-045, and 76-038.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	WF (11)	E (12)	A (13)	INSTRU (14)	S (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	81	—	011	/	03	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	F (19)	Z (20)	Z (21)	0000	N (23)	N (24)	A (25)	B005 (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. Moisture was removed from leads and terminal box. L
12 evel switch was retested with sat results. During 1981 refuel, both level
13 switches will be rewired to run suspension wires from electrode holder t
14 o a watertight pull box on top of CST. Conduits to be sealed with RTV.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
15	E (28)	092 (29)	NA	B (31)	Surveillance Testing

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

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
17	000 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
18	000 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
19	Z (42)	NA

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
20	N (44)	NA	

NAME OF PREPARER Matthew S. Rager PHONE: 319-851-5611

GPO 917-928