

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8104140488 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 81-012/01T-0: on 810321, pump discharge valve MOV 4628
 would not close w/control room switch. Probably caused by
 burned contacts at motor control center. Contacts replaced.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1.12
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTTR	ENCL	ID CODE/NAME	LTTR	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	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
	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
	OR ASSESS BR 35	1	1	POWER SYS BR 36	1	1
	RAD ASSESS BR39	1	1	REACT SYS BR 40	1	1
	REG FILE 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			

APR 15 1981

TOTAL NUMBER OF COPIES REQUIRED: LTTR 68 ENCL 68

DSB

Iowa Electric Light and Power Company

April 6, 1981
DAEC-81-206

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

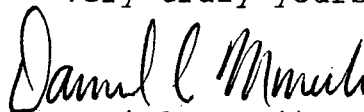
Subject: Licensee Event Report No. 81-012
(14 day)

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

Docket 50-331

attachment

DLM/MSR/pl

cc: Director, Office of Inspection and Enforcement (40)
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

DUANE ARNOLD ENERGY CENTER
Iowa Electric Light and Power Company
Licensee Event Report - Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 4-6-81

Reportable Occurrence No: 81-012

Event Description

Prior to shutdown of the "B" Reactor Recirculation Pump 1P-201B, before beginning 1981 refueling outage, the pump discharge valve MOV 4628 would not close. Operations personnel could not get the valve to close using the control room hand-switch. Recirculation pump was secured with MOV 4628 open. Operations personnel subsequently closed the valve by manually closing the close contactor at the motor operator breaker. MOV 4628 is part of the LPCI Loop Select System. It will be closed by this logic if this line is to be used for LPCI injection. Therefore the LPCI Loop Selection system was degraded. See Technical Specification 3.5.A.3. The valve was later successfully cycled. There have been no previous similar occurrences with this valve.

Cause Description

Subsequent inspection of the MOV 4628 motor control center found burned contacts which may have caused the inop condition.

Corrective Action

The burned contacts were replaced. MOV 4628 was functionally tested satisfactorily prior to returning it to service. MOV 4628 is a Limitorque SMB-2 motor operator. Breaker contacts manufactured by Allis Chalmers, model XL-1B-0/1C0. No previous similar problems with this valve. No further corrective action planned.

DSB

Iowa Electric Light and Power Company

April 6, 1981
DAEC-81-204

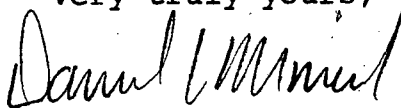
Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Licensee Event Report No. 80-045 UPDATE REPORT -
(30 day) Previous Report
Date 10-8-80
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

DUANE ARNOLD ENERGY CENTER
Iowa Electric Light and Power Company
Licensee Event Report - Supplemental Data

Docket No. 050-0331

Licensee Event Report Date: 4-6-81

Reportable Occurrence No: 80-045

Event Description

During surveillance testing the Condensate Storage Tank (CST) IT-5A Low Water Level Switch-LS 5218-was found inop. The test was repeated several times and the switch began to respond properly. Technical Specification Table 3.2-B requires that the level switch in each CST be operable during reactor operation. Level switch-LS 5219-in redundant CST IT-5B was tested and found to perform sat. One previous similar occurrence. See RO 76-038.

Cause Description

Corrosion on the probe leads in the terminal box atop IT-5A has been determined to be the cause of the inop switch. Moisture was found within the box and corrosion was obvious within the connector stake-ons.

Corrective Action

The leads were reterminated and the connectors were filled with RTV to aid in controlling moisture buildup around the leads. The leads of probes in IT-5B had previously been filled with RTV and this is believed to be a major factor in its continued performance free of corrosion. Surveillance testing of the level switch was increased to weekly for seven weeks with no problems encountered. The probes are manufactured by B & W Controller Corp. - model E1F/50201. During the 1981 refueling outage the suspension wires from the electrode holder will be run to an existing pull box where the connections will be made with field wires. The conduit between the pull box and electrode holder will be filled with RTV as sealant to preclude moisture carryover into the pull box.