

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8104130335 DOC. DATE: 81/04/07 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 81-013/01T-0: on 810324, MSIVs 4412, 4413, 4416, 4418, 4419, 4420 & 4421 found w/seat leakage on inboard & combined seat & steam leakage on outboard valves. Cause under investigation. Valves will be repacked & repaired.

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 TITLE: Incident Reports

NOTES:

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	A/D SFTY ASSE12	1	1	ACC EVAL BR 14	1	1
	AEOD	3	3	AEOD/DMU	3	3
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	CHEM ENG BR 16	1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18	1	1	DIR, ENGINEER120	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
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	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 PRG 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 14 1981

DSB

Iowa Electric Light and Power Company

April 7, 1981

DAEC-81-208

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

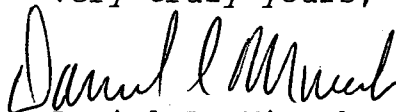
Subject: Licensee Event Report No. 81-013  
(14 day)

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 10 1981



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

Docket No. 050-0331

Licensee Event Report Date: 4-7-81

Reportable Occurrence No: 81-013

Event Description

During the performance of scheduled leak rate testing, inboard MSIV's 4412, 4418, and 4420 were found to have seat leakage, and outboard MSIV's 4413, 4419, 4416 and 4421 were found to have combined seat and packing leakage in excess of 11.5 SCFH limit specified in Technical Specification 4.7.A.2.c.3. In addition, because of outboard MSIV packing leakage and other type C valve leakage, the total allowable leakage for type B and C leak rate tests specified in Technical Specifications Section 4.7.A.2.c.2 was exceeded. Leakage testing is continuing. The results of this testing will be detailed in a summary report which will be submitted in accordance with the requirements of Technical Specification 4.7.A.2.f.

Cause Description

The cause of the valve seat and packing leakage is being investigated. An update report will be submitted following valve maintenance. Valve disassembly and inspection is continuing.

Corrective Action

The scope of maintenance to be performed on each MSIV will be determined as valve inspection is completed. At least two valve stems will be replaced and six valve seats will be relapped to bring the measured leakage within the allowable limits.