

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8105280244 DOC. DATE: 81/05/13 NOTARIZED: NO DOCKET #  
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 AUTH. NAME: AUTHOR AFFILIATION  
 MINECK, D. L. Iowa Electric Light & Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 KEPPLER, J. G. Region 3, Chicago, Office of the Director

SUBJECT: RO 81-001: on 810416, electric fire pump 1P48 taken out of  
 svc & not returned within seven days per Tech Specs. Caused  
 by prolonged maint on discharge check valve V-33-1 due to  
 cracked disc. Valve replaced w/spare.

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	<u>REG FILE</u> 01	1	1	REL & RISK A 41	1	1
	SFTY PROG EVA42	1	1	STRUCT ENG BR44	1	1
EXTERNAL:	ACRS 46	16	16	INPO, J. STEARNS	1	1
	LPDR 03	1	1	NSIC 05	1	1

JUN 01 1981

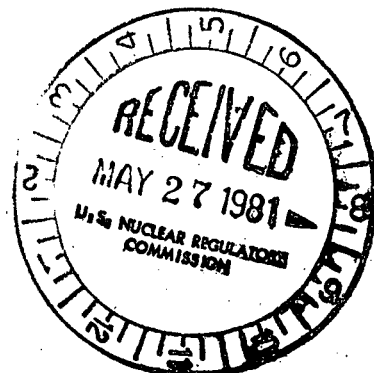
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Iowa Electric Light and Power Company

May 13, 1981  
DAEC - 81 - 299

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



Subject: Unique Report 81-1

File: A-118, NRC-1

Dear Mr. Keppler:

This report is submitted in accordance with the requirements of Appendix A to Operating License DPR-49, Specification 6.11.3.

Problem

On April 16, 1981 the electric fire pump (1P48) was taken out of service to allow maintenance to be conducted on the pump's discharge check valve, V-33-1. 1P-48 was not returned to service within seven days as specified in Technical Specification 3.13.B.2. In accordance with the above referenced Technical Specification, diesel fire pump 1P49 was proven operable on a daily basis while 1P-48 was out of service. Jockey pump 1P-47 maintained the fire system pressurized while the electric fire pump was out of service.

The plant was shutdown for refueling and maintenance at the time.

Cause

V-33-1 had been leaking badly and this resulted in extensive operation of the jockey fire pump. V-33-1 was disassembled and found to be badly worn. Disc refurbishing revealed a crack in the disc.

Corrective Action

V-33-1 was replaced with a like-for-like spare to return the fire system to normal operating status. Electric fire pump operability testing was completed satisfactorily prior to returning the system to operation on April 28, 1981. The replacement of V-33-1 is expected to increase the reliability of the jockey fire pump by reducing its operating time. No further corrective action is planned at this time.

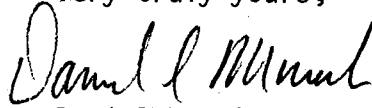
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This report has been reviewed and approved by the DAEC Operations Committee.

Very truly yours,



Daniel L. Mineck  
Chief Engineer  
Duane Arnold Energy Center

Docket No. 50-0331

DLM/MSR/p1

cc: P. Ward  
L. Root  
R. McGaughy  
J. Vinqvist  
NRC Resident Inspector  
R. Anderson

