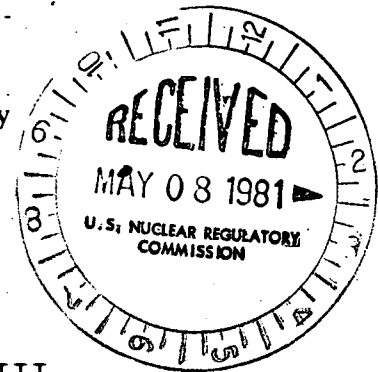


Iowa Electric Light and Power Company  
May 5, 1981  
DAEC-81-289



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. 81-017  
(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

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

Docket No. 050-0331

Licensee Event Report Date: May 5, 1981

Reportable Occurrence No: 81-017

Event Description

During breaker testing essential bus 1B-34A breaker 52-3401 would not close when redundant power supply breaker 52-4401 was opened. Either 52-3401 or 52-4401 is to be closed at all times to provide power for operation of LPCI injection valves and MSIV-LCS. Technical Specifications 3.5.A.3 and 3.7.E.1 require both these systems to be fully operable during normal reactor operation. Redundant breaker 52-4401 was operable and was providing the power necessary to operate these valves. One previous occurrence of a "Y" coil failure resulting in breaker 52-3401 failing to operate properly. See RO 77-36.

The reactor is currently shutdown for a refueling and maintenance outage.

Cause Description

A short in the Y-coil for breaker 52-3401 resulted in an overcurrent condition in the breaker's control logic which, in turn, blew a fuse in the logic and prevented the valve from closing.

Corrective Action

A replacement coil has been ordered and will be installed prior to reactor startup from the current refueling outage. The breaker is a Type LA-600A Allis Chalmers breaker. The coil is also manufactured by Allis Chalmers. No further corrective action is planned at this time.