

Iowa Electric Light and Power Company

March 14, 1980
DAEC - 80 - 131

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. 80-007
(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,

D.L. Mineck/Bur

Daniel L. Mineck
Chief Engineer
Duane Arnold Energy Center

DLM/DWT/n

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

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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: 3-14-80

Reportable Occurrence No: 80-007

Event Description

At 0955 hours on February 13, 1980 while performing the monthly functional and quarterly calibration surveillance testing on the drywell high pressure (containment spray permissive) switches PS-4310C, PS-4311C and PS-4312C trip setpoints were found to be out of tolerance at 2.3 psig, 2.3 psig, and 2.25 respectively. The trip setpoint for these switches is 1.5 psig + 0.5 psig. These switches are Static O-Ring Model Number 6N-AA-21(X9)-VSTT, 0-10 psig 10 amp @ 120 VAC, DPDT pressure switches. These switches are used as a permissive (drywell pressure not low) for operation of the RHR containment spray subsystem. This also prevents operation of the containment spray subsystem to the point that a vacuum is created in the containment. Operation with these instrument trip setpoints out of tolerance constitutes a violation of T.S.3.2.B and Table 3.2-B. However, operation with the PS-4310C, PS-4311C, and/or PS-4312C trip setpoints slightly above the 2.0 psig maximum T.S. allowable actually provides an additional margin of safety for these instruments to perform their containment spray shutdown function.

There have been several similar event reports submitted (See Reportable Occurrence Reports 76-77, 78-06, and 79-032).

Cause Description

Instrument drift.

Corrective Action

Pressure switches PS-4310C, PS-4311C, and PS-4312C were promptly recalibrated and functionally tested. The plant was in a cold shutdown condition at the time of the surveillance testing. The 2.0 psig maximum T.S. trip setpoint pressure requirement is presently being reviewed.