

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
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SUBJECT:

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LICENSEE EVENT REPT. NO. 50-331/78-001 CONCERNING THE SETPOINT OF TDS 2260A & TDS 2260B NOT BEING DETERMINED DURING SURVEILLANCE TESTING OF THE HPCI SYSTEM STEAM LEAK DETECTION SYSTEM.

PLANT NAME: DUANE ARNOLD

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IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
January 17, 1978
DAEC-78-33



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

Subject: Licensee Event Report No. 78-001
(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,

Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/nf

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

780250143

A002/S
0/1

DUANE ARNOLD ENERGY CENTER

Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

January 17, 1978

Licensee Event Report Date: 1-17-78

Reportable Occurrence No: 78-001

EVENT DESCRIPTION

During surveillance testing of the HPCI steam leak detection system the setpoint of TDS 2260A and TDS 2260B could not be determined. Investigation revealed TE 2263A and TE 2263B, ventilation outlet air temperature, were not producing an output signal. Leak detection system operability requirements listed in Technical Specifications Table 3.2-B. HPCI equipment room steam leak detection remained available through room high ambient temperature instruments.

CAUSE DESCRIPTION

Investigation revealed the terminals of both temperature elements had apparently vibrated loose causing loss of continuity between the temperature differential switches and temperature elements.

CORRECTIVE ACTION

The terminals were tightened and tested satisfactory. Both temperature elements are Nooter Corporation Type T Thermocouples. No further corrective action planned.

RECEIVED DOCUMENT
CONTROL DESK

1978 JAN 24 AM 11 59

U.S. NRC
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