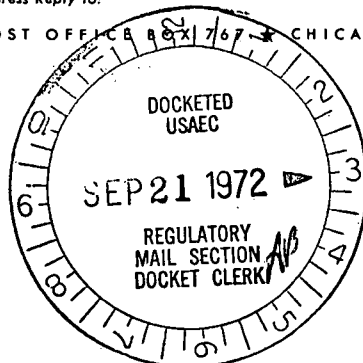


Regulatory File Cy.
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690



Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
September 18, 1972

50-237
50-249

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

SUBJECT: LICENSES DPR-19 and DPR-25, DRESDEN NUCLEAR POWER STATION, UNITS 2 and 3,
-SECTION 6.6.B.3. of the TECHNICAL SPECIFICATIONS

Dear Mr. Giambusso:

This is to report a condition relating to the operation of Units 2 and 3, in which on September 8 and 9, 1972, five of the eight "electrohydraulic control (EHC) oil low pressure scram switches" setpoints drifted beyond the setpoints established in Section 3.1 of the Technical Specifications.

PROBLEM

As reported in our letter of August 23, 1972, it was found that during August's calibration of the EHC switches (required every three months by Technical Specification Table 4.1.2) two of the eight subject switches' setpoints were found to have drifted beyond the setpoint of 900 psig decreasing. As part of the investigative proceedings, all of the EHC switches were calibrated this month rather than just functionally checked as required by the Technical Specifications (once per month-Technical Specification Table 4.1.1). As a result of this calibration three switches on Unit #2 and two switches on Unit #3 were found to have drifted below 900 psig. Switches PS-LS-1, -2, and -3 on Unit #2 had drifted to 881, 880, and 846 psig, respectively, and switches PS-LS-1, and -4 on Unit #3 had drifted to 895 and 818 psig, respectively.

INVESTIGATION

Two of the five switches, PS-LS-3 on Unit #2 and PS-LS-4 on Unit #3, are the new Barksdale model TC-9622-2 with a setpoint range of 250-1500 psig. Both switches had drifted more than the $\pm 1\%$ instrument scale accuracy corresponding to ± 15 psi. No previous data is available on these two switches, since this was their first month of operation. The other three switches have all experienced previous drifts below 900 psig. The latest readings on the set points of these three switches are all within the $\pm 1\%$ instrument scale accuracy corresponding to ± 30 psi.

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Mr. A. Giambusso

September 18, 1972

CORRECTIVE ACTION

All eight switches on Units 2 and 3 were recalibrated to trip at 935 psig, \pm 5 psig, decreasing, to allow for drifts within the \pm 1% instrument scale accuracy. All switches will continue to be calibrated monthly, as opposed to the once every three month requirement of Technical Specification Table 4.1.2. In addition, PS-LS-4 on Unit #3 will be calibrated on a weekly basis until the setpoint drift problem can be corrected. The reason for setpoint drift in these switches is under investigation. This is a continuing problem. Similar occurrences happened on July 15, 1972 and August 12, 1972. These anomalies are described in a letter to Mr. Block from Mr. Worden dated July 27, 1972 and again in a letter to Mr. Giambusso from Mr. Worden dated August 23, 1972.

Different types of pressure switches with lower tendencies to drift are being considered for use in Units 2 and 3. No recommendations or conclusions have been made to date.

Sincerely,

Fred S. Morris

for W. P. Worden
Superintendent

Dresden Nuclear Power Station

WPW:mt

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