

Regulatory

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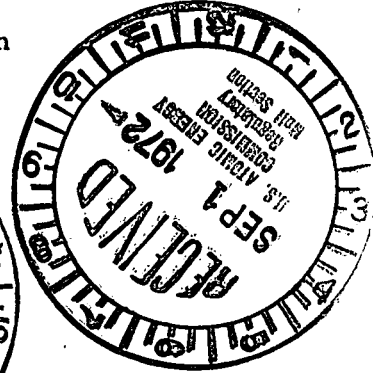
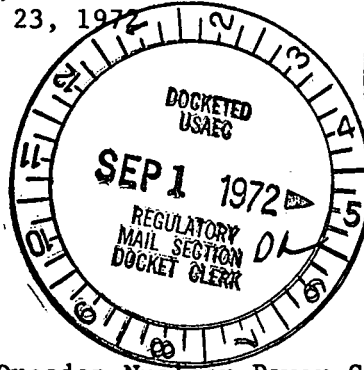
# Commonwealth Edison Company

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  
August 23, 1972



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 3.1 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 August 12, 1972, two of the eight "electrohydraulic control (EHC) oil low pressure scram switches" setpoints drifted beyond the setpoints established in the Technical Specifications.

### PROBLEM

As reported in our letter of July 27, 1972, it was found that during July's routine calibration of the EHC switches (required every three months by Technical Specification Table 4.1.2) six 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 one switch on Unit #2 was found to have drifted to 885 psig, and one switch on Unit #3 drifted to 884 psig.

### INVESTIGATION

All of the EHC switch internals were inspected last month and revealed that one switch had slight internal leakage, while the other seven switches displayed no abnormalities. A similar inspection this month of the two subject switches revealed no abnormalities.

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Mr. A. Giambusso

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August 23, 1972

The leaking switch has been replaced with a certified Barksdale Co. model TC-9622-2 switch with a setpoint range of 250-1500 psig versus the original Barksdale model TC-9622-3 with a setpoint range of 250-3000 psig. This new switch is being observed for setpoint drift and accuracy.

CORRECTIVE ACTION

The two switches on Unit #2 and Unit #3 were recalibrated for 910 psig and 908 psig respectively; they are not considered to be failures as they remained within the instrument scale accuracy of  $\pm 1\%$  corresponding to  $\pm 30$  psig.

The replaced switch has been sent back to the manufacturer for evaluation. If the new 250-1500 psig switch proves to have better applicability to the system, all of the remaining switches will be replaced with this device.

Sincerely,

*W.P. Worden*

W. P. Worden  
Superintendent

WPW:sds

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