



Commonwealth Edison  
Quad-Cities Nuclear Power Station  
Post Office Box 216  
Cordova, Illinois 61242  
Telephone 309/654-2241



December 27, 1972

BBS-72-30

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

REFERENCE: Quad-Cities Nuclear Power Station Unit 2  
Docket 50-265  
License DPR-30 Appendix A  
Sections 1.0.A.2, 3.1, and 6.6.B.3

Dear Mr. Giambusso:

The purpose of this letter is to inform you of the details of the drift of three Reactor Protection System Scram Instruments. This abnormal occurrence involved three E.H.C. Control Fluid Pressure Switches and was reported to you by telegram on December 20, 1972.

A routine calibration of the E.H.C. Control Fluid Low Pressure switches was being conducted on December 20, 1972 on Unit 2 in accordance with surveillance requirement 4.1.A of the Technical Specifications. The Technical Specification for the switches is that they open at  $\geq 900$  psig. While doing the calibration it was found that PS-2-5600-PS-1 opened at 880 psig, PS-2-5600-PS-2 opened at 890 psig and PS-2-5600-3 opened at 890 psig. These switches are Barksdale Model #C 9622-3 with an accuracy of  $\pm 10$  psig. The switches were recalibrated in accordance with station procedures.

The drifts in set point of these switches are not considered to be of major safety significance since the scram resulting from an E.H.C. Control Fluid Low Pressure is an anticipating scram. Also as described in the bases for the specification, the control valves would not actually close on low oil pressure until the pressure drops below 600 psig.

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Mr. A. Giambusso

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The corrective action outlined in my letter to you dated December 1, 1972 will result in a new setpoint and/or calibration frequency for these switches which will prevent their drifting beyond the Technical Specifications limit.

Very truly yours,

Commonwealth Edison Company  
Quad-Cities Nuclear Power Station

A handwritten signature in cursive script, appearing to read "B. B. Stephenson".

B. B. Stephenson  
Superintendent

BBS/lk