



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



BBS-73-13

January 25, 1973

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 1
Docket No. 50-254
License DPR-29, Appendix A
Sections 1.0.A.2 and 3.2.B

Dear Mr. Giambusso:

The purpose of this letter is to inform you of the details concerning the setpoint drift of a Reactor Low Pressure switch which was detected on January 18, 1973. The setpoint of the left hand switch of PS-1-263-52B was found to be at 271 psig decreasing contrary to Technical Specification 3.2.B which requires that this switch close at 300 p 350 psig. This switch performs a low pressure permissive function for the low pressure core cooling systems. The right hand switch was found to be normal. This abnormal occurrence was reported to you by telegram on January 19, 1973.

The switch is a Barton Model #288 with two internal switches and is calibrated quarterly. During a routine calibration the setpoint of the left hand switch was found to have drifted from a nominal setpoint of 325 psig to 271 psig. No reason could be found for this drift. No previous problems have been encountered with this instrument.

The left hand switch is used in the LPCI mode of the RHRS and the right hand one is used in the Core Spray System. Because of the reduced setpoint actuation of the "B" logic of LPCI would have been delayed slightly during a blowdown, but the "A" logic would have performed normally. In addition, the Core Spray System was completely operable.

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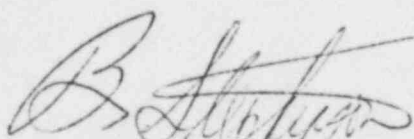
Mr. A. Giambusso

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The setpoint of the left hand switch was recalibrated in accordance with station procedures. Because the drift history of this instrument has been random, i.e. not consistently increasing or decreasing, the setpoint of 325 psig has not been changed. This switch will be calibrated at two week intervals until it has been determined that the setpoint is no longer drifting.

Sincerely,

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

B. B. Stephenson
Superintendent
QUAD-CITIES NUCLEAR POWER STATION

BBS/lk