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NJK-76-381

October 13, 1976

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

Subject: Neutron Monitor Bypass Switch Malfunctions

References: 1. IE Circular No. 76-04
2. General Electric Co. SIL 111, Rev. 1

Dear Mr. Keppler:

The purpose of this letter is to provide you with a response to those items requested in the referenced IE Circular.

Revision 1 to General Electric Company SIL 111 was received at the Station in October, 1975. At that time, an investigation was conducted by the Maintenance Department as to the extent of any prior failures experienced with the neutron monitor bypass switches. It was determined that no previous problems had occurred with respect to these switches, and General Electric Co. was informed of this.

Upon receipt of IE Circular 76-04, an update investigation was performed, and no additional malfunctions of the bypass switches were found to have taken place. Further, whenever a particular SRM, IRM, APRM, or REM instrument channel is bypassed using these switches, an indicator light is illuminated on control room panel 901-5 (902-5) benchboard to show the instrument is in fact bypassed. Also, a computer printout is initiated when the bypass switch is actuated.

Although there does not appear to be a problem with the neutron monitor bypass switches at Quad-Cities Station, it has been deemed necessary to make station procedure changes, in view of failures

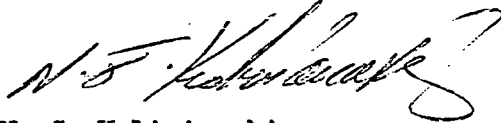
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which may possibly be encountered in the future. Neutron Monitor System Abnormal Procedures QOA-700-1 and QOA-700-3 will be revised to include additional instructions to the operator when bypassing an instrument channel. The operator will verify the channel is bypassed by observing both the BYPASSED indicator light and the process computer printout. Also, the operator is instructed to verify that actuation of the bypass switch causes only the one desired instrument channel to be bypassed.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION



N. J. Kalivianakis
Station Superintendent

NJK:LFG:eae

cc: Office of Inspection and Enforcement
Division of Reactor Inspection Programs
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G. A. Abrell