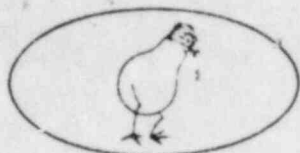


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Commonwealth Edison Company

QUAD-CITIES NUCLEAR POWER STATION

Address Reply to:

POST OFFICE BOX 216 ★ CORDOVA, ILLINOIS 61242

FAP-72-93

April 29, 1972

Dr. Peter A. Morris, Director
Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

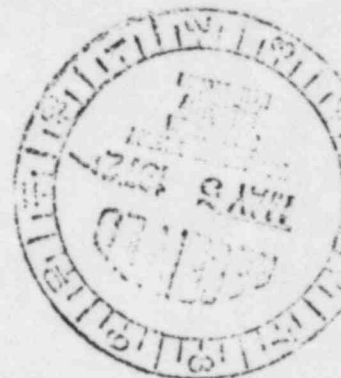
Reference: Quad-Cities Nuclear Power Station
Unit 2 - DPR-30 Appendix A -
Section 1.A.4 and 6.6.A.3

Dear Dr. Morris:

This is to inform you of a condition of the Standby Liquid Control System at Quad-Cities Nuclear Power Station, Unit 2. The heat tracing on the suction piping was found to be inoperable which could threaten to render the system inoperable. This incident No. 2-72-2 is considered to be an abnormal occurrence.

Description of Incident - The heat tracing on the standby liquid control system was found inoperable at 6:15 p.m. on April 23, 1972. The low temperature alarm sounded which is located on panel 902-5. Upon investigation, the heat tracing was discovered to be de-energized.

Cause of Failure - The cause of the failure was found to be a construction omission. The power supply cable to the heat tracing system was not installed. The heat tracing on the suction piping for the SBLC system was a design modification and although it was included in the test program, the omission was not noticed. The alarm portion of the heat tracing system was operational which served as the monitor for this omission. The room temperature during the winter months was above 71°F due to the plant heating system, which maintained the piping above the alarm point. The construction tests and preoperational tests were signed off indicating that "The standby liquid control pump suction lines from the tank have tracing elements installed." The system has been in operation and is functioning properly to maintain temperature.



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Dr. Peter A. Morris

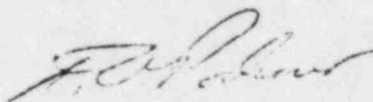
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April 29, 1972

Corrective Action - When the heat tracing on the Unit 2 SBLC suction piping was found to be inoperable, the reactor was placed in "Shutdown". The standby liquid control system was placed in recirculation, concentration of boron was sampled, heat tracing energized, and alarms cleared satisfactorily. The heat tracing system was made operable by means of a temporary cable and the permanent power supply cable is being installed.

Very truly yours,

COMMONWEALTH EDISON COMPANY
Quad-Cities Nuclear Power Station



F. A. Palmer
Superintendent

FAP/zm

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