



Commonwealth Edison
Quad-Cities Generating Station
Post Office Box 216
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Telephone 309/654-2241

NJK-74-140

July 5, 1974



Mr. John F. O'Leary, Director
Directorate of Licensing Regulation
U.S. Atomic Energy Commission
Washington, D.C. 20545

Reference: Quad Cities Nuclear Power Station, Unit 2
Docket No. 50-265 DPR-30
Appendix A, Sections 1.0.A.4, 4.4.A.2, 6.6.B.1.1.

Dear Mr. O'Leary:

Enclosed please find Abnormal Occurrence Report No. A.O. 50-265/74-15 for Quad Cities Nuclear Power Station. This was previously reported to Region III, Directorate of Regulatory Operations by telephone on June 25, 1974 and to you and Region III, Directorate of Regulatory Operations by telegram on June 26, 1974.

This report is submitted to you in accordance with the requirements of Technical Specifications 6.6.B.1.a.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N.J. Kalivianakis
N.J. Kalivianakis
Station Superintendent

NJK/KLH/chl

cc: Region III, Directorate of Regulatory Operations
J.S. Abel

Enclosure: Abnormal Occurrence Report No. A.O. 50-265/74-15

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REPORT NUMBER: A.O. 50-265/74-15

REPORT DATE: July 5, 1974

OCCURENCE DATE: June 25, 1974

FACILITY: Quad-Cities Nuclear Power Station
Cordova, Illinois 61242

IDENTIFICATION OF OCCURENCE:

Unit 2 Standby Liquid Control System "A" relief valve setpoint drift.

CONDITIONS PRIOR TO OCCURENCE:

Unit 2 reactor critical at 530 MWE with normal water level and temperature.

DESCRIPTION OF OCCURENCE:

While performing relief valve setpoint tests for unit 2 standby liquid control system, at 1300 hours on June 25, 1974, the "A" relief valve was found to lift at 1520 psig. which exceeds the Technical Specification 4.4.A.Z. limit of $1400 < p < 1490$ psig. The standby liquid control system pressure gage was re-calibrated at 1400 hours and the A relief valve was reset to lift at 1460 psig. The B relief valve was checked and found to relieve at 1400 psig. At 1400 hours on June 26, 1974, the A relief valve was reset to lift at 1440 psig and B was set to lift at 1430 psig to allow for setpoint drift.

DESIGNATION OF APPARENT CAUSE OF OCCURENCE:

This Abnormal Occurrence is attributed to setpoint drift of the "A" relief valve.

ANALYSIS OF OCCURENCE:

The impact of the 1520 psig relief valve setpoint drift is minimal on the operation of standby liquid control system. The increase in SBLC relief valve set point was in a safe direction, allowing for continued pumping sodium pentaborate solution into the reactor in the event that the standby liquid control system would have been required.

CORRECTIVE ACTION:

Action Item Record No. 4-74-57 was issued on June 13, 1974, to investigate the cause of standby liquid control relief valve setpoint drift and determine corrective action. This investigation is presently in progress by Quad Cities Station and the Crosby Valve and Gage Company.

FAILURE DATA:

Standby liquid control relief valve setpoints have been found to be out of specification limits twice before at Quad Cities Station. In June of 1973, unit 1 reliefs were found to be set low. During refueling outage tests in May of 1974, unit 1 relief valves were found to relieve higher than specification limits.