



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



NJK-74-126

June 21, 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 Docket No. 50-254, DPR-29,  
Docket No. 50-265, DPR-30, Appendix A, Sections 3.5.H.2 and  
4.5.H.1.d

Dear Mr. O'Leary:

Enclosed, please find Abnormal Occurrence Reports A.O. 50-254/  
74-19 and A.O. 50-265/74 11. These occurrences were previously reported  
to Region III, Directorate of Regulatory Operations by telephone and  
telegram, and to you by telegram on June 13, 1974.

These reports are submitted to you in accordance with the re-  
quirements of Technical Specification Section 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/CWS/jk

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

*Received  
50-254/19  
50-265/11*

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REPORT NUMBER: AO-50-254/74-19

REPORT DATE: June 21, 1974

OCCURRENCE DATE: June 13, 1974

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

IDENTIFICATION OF OCCURRENCE:

Condenser Pit five-foot level switch failed to actuate Control Room Annunciator during monthly testing.

CONDITIONS PRIOR TO OCCURRENCE:

1. Unit I Reactor in cold shutdown.
2. All three Unit I Circulating Water Pumps out of service.

DESCRIPTION OF OCCURRENCE:

Level Switch LS-1-4441-25A did not actuate the Control Room Annunciator when monthly surveillance of the condenser pit five-foot level switches was performed in accordance with Technical Specification 4.5.H.1.d. Out-of-service cards were placed on the three Circulating Water Pumps to preclude operation until the apparent malfunction was corrected. A work request was immediately initiated to investigate and repair the apparent malfunctioning trip and alarm circuitry.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The apparent cause of the failure of the surveillance test of LS-1-4441-25A to actuate the Control Room Annunciator is that the Level Switch Float Plunger was not fully lifted vertically during testing, thus not closing the switch contacts.

ANALYSIS OF OCCURRENCE:

Investigation indicates that no switch failure and thus no occurrence actually occurred. Therefore, this incident has no safety implications.

CORRECTIVE ACTION:

Further testing and investigation showed the level switch trip and alarm circuitry to be fully operable. The out-of-service cards on the Circulating Water Pumps because of this occurrence were removed. Operators will be instructed in the proper method of actuating these level switches for future testing.

AO-50-254/74-19

FAILURE DATA:

The five-foot Condenser Pit Level Switches have performed satisfactorily in previous tests. A similar incident also occurred on June 13, 1974 in testing Unit 2 five-foot Condenser Pit Level Switches (Reference A.O.-50-265/74-11).