



# Commonwealth Edison Company

QUAD-CITIES NUCLEAR POWER STATION

Address Reply to:

POST OFFICE BOX 216 ★ CORDOVA, ILLINOIS 61242

50-265

August 17, 1972

FAP-72-158



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

Dear Mr. O'Leary:

Ref: Quad-Cities Nuclear Power Station  
Unit 2 - DPR-30 Appendix A  
Sections 1.0.A.2, 3.2.D.1 and 6.6.A.3

The purpose of this letter is to inform you of the details regarding the failure of timer 2-1705-23 in the off-gas system at Quad-Cities Station Unit 2. This incident occurred on August 12, 1972.

## Description of Incident

The incident occurred during a Unit 2 outage with the reactor subcritical. While trying to verify modification #201-2-72 it was discovered that timer 2-1705-23 in the off-gas system would not operate. The timer is designed to be energized on high off-gas radiation to automatically close off-gas isolation valve AO-2-5406 and condensate isolation valve AO-2-5408 after a fifteen minute time delay.

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Mr. J.F. O'Leary

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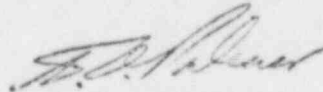
August 17, 1972

Investigation and Corrective Action

Investigation indicated that one of the drive gears for the motor armature of timer 2-1705-23 had come loose causing the malfunction. A new timer was installed and functionally tested to operate properly. Timer 2-1705-23 was declared operable at 2 P.M., August 12, 1972.

Very truly yours,

COMMONWEALTH EDISON COMPANY  
Quad-Cities Nuclear Power Station



F.A. Palmer  
Superintendent

FAP/dct