



Commonwealth Edison
Quad-Cities Nuclear Power Station
Post Office Box 216
Cordova, Illinois 61242
Telephone 309/854-2241

NJK-74-389

Teletype: Region III, Attention: Mr. C. Feierabend

November 18, 1974

J. Keppler, Regional Director
Directorate of Regulatory Operations
Region III
U. S. Atomic Energy Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Reference: Quad-Cities Nuclear Power Station, Unit 1
Docket No. 50-254, DPR-29
Appendix A, Section 1.0.A.3, 3.8.D.3, 6.6.B.1.a

Dear Mr. Keppler:

The purpose of this letter is to provide you with notification of an Abnormal Occurrence as required by Technical Specification 6.6.B.1.a within 24 hours of the occurrence.

On November 16, 1974 at 4:00 p.m. Unit 1 and Unit 2 were operating at 778 MWe and 267 MWe, respectively. The A Floor Drain Sample Tank (FDST) was discharging to the river and the Floor Drain Collector Tank was being processed. The radwaste operator inadvertently opened the inlet valve to the A FDST instead of to the B tank. At 4:15 p.m. the mistake was noticed and all discharge to the river was stopped. The inlet valve to the A tank was shut and the Shift Engineer was notified. Samples were taken at the floor drain collector filter effluent and at the A floor drain sample tank after it had been recirculated. The floor drain filter effluent concentration was 1.2×10^{-3} uci/ml and the actual A FDST concentration was 1.8×10^{-3} uci/ml. A sample taken at the A FDST the day before yielded a concentration of 2.93×10^{-3} uci/ml. The discharge rate to the river of 6 gpm was based on this sample. Therefore, the effluent from the floor drain filter was of significantly lower activity, such that the A FDST was being diluted while being discharged to the river. Approximately 90 gallons of this uncontrolled, yet monitored effluent was discharged to the river over this 15 minute period.

Mr. J. Kappeler


-2-

November 18, 1974

This occurrence was discussed by telephone with Mr. Peierabend of your office on November 18, 1974. Further information will be provided by Abnormal Occurrence Report AD-50-25877-38 which will be submitted within 10 days of this date of this occurrence.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION



N. J. Kalivianakis
Station Superintendent

NIKZLPG/ak

cc: Directorate of Licensing
J. St. Abel