



Commonwealth Edison
Quad-Cities Generating Station
Post Office Box 218
Cordova, Illinois 61242
Telephone 309/654-2241



NJK-74-325

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

October 10, 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, Sections 1.0.A.3, 1.0.A.5, and
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.

At 10:04 a.m. on October 10, 1974, with Unit 1 at 520 MWe, an explosion occurred in the Unit 1 off gas holdup line. The 1B Steam Jet Air Ejector rupture disc ruptured releasing off gas to the steam jet air ejector room through the turbine building ventilation system to the main chimney. The resultant reduction in the off-gas hold-up time caused an indicated increase from approximately 30,000 microcuries/sec to approximately 100,000 microcuries/sec at the main chimney radiation monitors. A GSEP condition ABEL was declared at 10:07 a.m. The unit load was reduced to 320 MWe, the 1A SJAE was placed in service, and the 1B SJAE was isolated by 10:30 a.m. A reduction in radioactivity as indicated by the main chimney radiation monitors was noted and therefore dropped to pre-incident levels. The 1A chimney filter was placed in service and the 1B chimney filter was isolated by 10:50 a.m. Condition ABLE was terminated at 11:04 a.m.

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Mr. J. Keppler

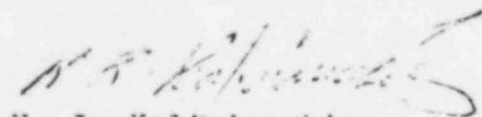
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October 10, 1974

This occurrence was discussed by telephone with Mr. C. Feierabend of your office on October 10, 1974. Further information will be provided by Abnormal Occurrence Report AO 50-254/74-29 which will be submitted within 10 days of the date of this occurrence.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION



N. J. Kalivianakis
Station Superintendent

NJK/CWS/lk

cc: Directorate of Licensing
J. S. Abel