

Commonwealth Edison Company  
Quad Cities Generating Station  
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October 27, 1999

SVP-99-171

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Quad Cities Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-29 and DPR-30  
NRC Docket Nos. 50-254 and 50-265

Subject: 10 CFR 50, Appendix R, Safe Shutdown Analysis

- References:
- (1) Letter (SVP-98-114) from D. A. Sager (ComEd) to USNRC, "Unreviewed Safety Question Involving Use of Station Blackout (SBO) Diesel Generators (DGs) and use of Mobile Safe Shutdown (SSD) Batteries in the Appendix R SSD Analysis," dated March 31, 1998.
  - (2) Letter (SVP-98-139) from D. A. Sager (ComEd) to USNRC, "Unreviewed Safety Question Involving Additional Operator Manual Actions in the Appendix R Safe Shutdown Report (SSR)," dated April 13, 1998.

In the Reference (1) and (2) letters, Commonwealth Edison (ComEd) Company requested NRC approval for three changes to the Appendix R Post-Fire Safe Shutdown Analysis (SSA). These changes were determined to involve an Unreviewed Safety Question (USQ) in accordance with 10 CFR 50.59, "Changes, tests and experiments." As detailed below, we have determined the USQ involving the use of the Mobile Safe Shutdown Batteries in lieu of the Station's dedicated safety related 125Vdc Battery System requires no further action by the NRC.

As part of the ongoing Appendix R Safe Shutdown improvement efforts, we have completed a comprehensive evaluation of the Station 125Vdc Battery System. This evaluation concluded the 125Vdc Battery System can be re-employed in the SSA. Corresponding SSA changes have been successfully evaluated under the 10 CFR 50.59 process and approved by the Plant Operations Review Committee. Accordingly, ComEd is withdrawing the USQ associated with use of the Mobile Safe Shutdown Batteries.

PDR ADOCIL

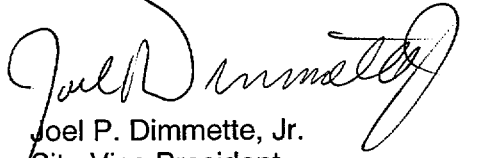
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The remaining two SSA USQs, Additional Manual Actions and Use of Station Blackout Diesel Generators, may be impacted by our continuing Appendix R Safe Shutdown improvement efforts, scheduled to be completed by December 15, 2000.

Should you have any questions concerning this letter, please contact Mr. C.C. Peterson at (309) 654-2241, extension 3609.

Respectfully,



Joel P. Dimmette, Jr.  
Site Vice President  
Quad Cities Nuclear Power Station

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station