

January 4, 2000

Mr. Oliver D. Kingsley, President  
Nuclear Generation Group  
Commonwealth Edison Company  
Executive Towers West III  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: QUAD CITIES - UNREVIEWED SAFETY QUESTIONS RELATED TO 10 CFR  
PART 50, APPENDIX R (TAC NOS. MA1427, MA1428, MA1542 AND MA1543)

Dear Mr. Kingsley:

By letters dated March 31 and April 13, 1998, Commonwealth Edison Company (ComEd) submitted three Unreviewed Safety Questions (USQs) related to 10 CFR Part 50, Appendix R, Safe Shutdown Analysis (SSA) for Quad Cities Nuclear Power Station, Units 1 and 2 (Quad Cities). These USQs involved: (1) use of a mobile battery to power the Automatic Depressurization System, (2) use of the Station Blackout Diesel Generators to power safe shutdown equipment, and (3) additional operator actions to preclude spurious equipment actuations and to ensure timely protective actions. ComEd had determined that, while these changes represented elements of an overall enhancement to Quad Cities fire protection program, they involve USQs pursuant to 10 CFR 50.59 and, therefore, require NRC review.

In a meeting on September 10, 1998, ComEd asked the NRC staff to delay its review of the USQs due to planned upgrades to the Quad Cities fire protection program. By letter dated October 27, 1999, ComEd formally withdrew the USQ related to use of the mobile battery, stating that a comprehensive evaluation had demonstrated that the 125Vdc battery system could be re-employed in the SSA. The October 27, 1999, letter further stated: "the remaining two SSA USQs ... may be impacted by our continuing Appendix R Safe Shutdown improvement efforts, scheduled to be completed by December 15, 2000."

It is the staff's understanding that the remaining USQs are temporary measures that you are using as part of an interim SSA, and that your improvement efforts are eliminating or significantly modifying these USQs. Please confirm or correct the staff's understanding, as necessary. Also note that, due to limitations in staff resources, the staff intends to review your long-term SSA and not an interim position that will be revised within one year.

O. Kingsley

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Administratively, the staff finds it can not leave its review of the two remaining USQs open until December 2000. Unless you inform the staff, within 30 days of receipt of this letter, that you continue to need staff review of these USQs, the staff will close its review and close the subject TACs.

If you have any questions regarding this matter, please call me at (301) 415-1321.

Sincerely,

/RA/

Stewart N. Bailey, Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-254 and 50-265

cc: See next page

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Commonwealth Edison Company

Quad Cities Nuclear Power Station  
Units 1 and 2

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Administratively, the staff finds it can not leave its review of the two remaining USQs open until December 2000. Unless you inform the staff, within 30 days of receipt of this letter, that you continue to need staff review of these USQs, the staff will close its review and close the subject TACs.

If you have any questions regarding this matter, please call me at (301) 415-1321.

Sincerely,

/RA/

Stewart N. Bailey, Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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