

January 11, 1985

Docket Nos. 50-254/265

Mr. Dennis L. Farrar  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

Dear Mr. Farrar:

The enclosed Safety Evaluation addresses the environmental qualification of electric equipment important to safety for Quad Cities Units 1 and 2 for compliance with the requirements of 10 CFR 50.49. It also addresses the resolution for the deficiencies identified in the SE dated January 18, 1983 and July 23, 1982 Franklin Research Center (FRC) Technical Evaluation Report (TER) enclosed with it, and justification for continued operation.

On January 26, 1984, a meeting was held with Commonwealth Edison Company to discuss your proposed method of resolution for each of the environmental qualification deficiencies identified. Discussions also included your general methodology for compliance with 10 CFR 50.49, "Environmental Qualification of Electric Equipment Important to Safety for Nuclear Power Plants," which became effective February 22, 1983, and justification for continued operation (JCO) for those equipment items for which environmental qualification is not yet completed. By letter dated March 30, 1984, you provided a submittal, addressing the above subjects and documenting the discussions held at the meeting.

Based on discussions during the meeting and the results of our review of your March 30, 1984 submittal, we have concluded that Commonwealth Edison Company's Equipment Qualification Program is in compliance with the requirements of 10 CFR 50.49, that the proposed resolution for each of the environmental qualification deficiencies identified for Quad Cities Units 1 and 2 is acceptable and that continued operation of Quad Cities Units 1 and 2 will not present undue risk to the public health and safety.

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Mr. Dennis L. Farrar

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A related issue currently under review is the pressure/temperature profiles that were used as the enveloping conditions for equipment qualification. Should the results of that review identify conditions that significantly differ from the environmental envelopes used for equipment qualification, you would be required to assess the impact of the profiles on your program.

Sincerely,

Original signed by

Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

Enclosures:  
Safety Evaluations

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Mr. Dennis L. Farrar  
Commonwealth Edison Company  
Quad Cities Nuclear Power Station, Units 1 and 2

cc:

Mr. B. C. O'Brien  
President  
Iowa-Illinois Gas and  
Electric Company  
206 East Second Avenue  
Davenport, Iowa 52801

Robert G. Fitzgibbons, Jr.  
Isham, Lincoln & Beale  
Three First National Plaza  
Suite 5200  
Chicago, Illinois 60602

Mr. Nick Kalivianakis  
Plant Superintendent  
Quad Cities Nuclear Power Station  
22710 - 206th Avenue - North  
Cordova, Illinois 61242

Resident Inspector  
U. S. Nuclear Regulatory Commission  
22712 206th Avenue North  
Cordova, Illinois 61242

Chairman  
Rock Island County Board  
of Supervisors  
Rock Island County Court House  
Rock Island, Illinois 61201

James G. Keppler  
Regional Administrator  
Region III Office  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Susan N. Sekuler  
Assistant Attorney General  
Environmental Control Division  
188 W. Randolph Street  
Suite 2315  
Chicago, Illinois 60601

The Honorable Tom Corcoran  
United States House of  
Representatives  
Washington, D. C. 20515

Mr. Gary N. Wright  
Nuclear Facility Safety  
Illinois Department of  
Nuclear Safety  
1035 Outer Park Drive, 5th Floor  
Springfield, Illinois 62704