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December 3, 1981

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Quad Cities Station Unit 2  
Barrier Fuel Ramp Test  
Scheduled for End of Cycle 6  
NRC Docket No. 50-265

Dear Mr. Eisenhut:

On November 12, 1981, a conference call concerning the Quad Cities Station Unit 2, Cycle 6, barrier fuel demonstration test was held between the Commonwealth Edison personnel and Mr. M. Tokar of your staff. The attachment to this letter documents the items which were agreed upon in this call.

Please address any questions you may have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this transmittal are provided for your use.

Very truly yours,

L. O. DelGeorge  
Director of Nuclear Licensing

Attachment

cc: Region III Inspector - Quad Cities

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Appl 9/11 Add: M. Tokar

Attachment

Quad Cities Unit 2  
Barrier Fuel Test Conference Call

The following items concerning the Quad Cities 2 Cycle 6 Barrier Fuel Demonstration were agreed to in a conference call on November 12, 1981 between T. J. Rausch, J. A. Silady and D. O'Boyle of CECO and M. Tokar of the NRC Staff.

1. CECO agrees to provide more detailed information on the expected peak local powers and power changes in the fuel which will be ramped during the EOC6 control rod withdrawal test. These data shall include information on both the barrier fuel in the ramp cells as well as the adjacent fuel in the buffer regions. It will be provided when more refined predictions are available (June, 1982).
2. If offgas activity increased during the EOC6 ramp test to a significant level in excess of the usual noise and transient behavior, CECO agrees to notify NRR personnel in Bethesda as well as I&E personnel.
3. Provided that outage time is available off critical path, CECO agrees to inspect the test cell assemblies as well as any buffer region assemblies which are scheduled for reinsertion for Cycle 7, to confirm that the cladding is sound even if no failure indications were evident from offgas and coolant monitoring during the EOC6 ramp test.
4. CECO agrees to provide a comparison of the fuel failure probability for the planned demonstration (i.e. barrier fuel in the test cells) relative to a postulated test with standard fuel in the test cells. This information would also be supplied by June, 1982.

CECO emphasized that these items, while related to the EOC6 ramp test, are not needed for review and approval of the reload licensing analyses and BOC6 startup authorization.