



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

April 13, 1992

Dr. Thomas E. Murley  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555  
Attn: Document Control Desk

SUBJECT: Quad Cities Station Unit 2  
Cycle 12 Reload and Core Operating Limits Report  
NRC Docket No. 50-265

Dear Dr. Murley:

Quad Cities Unit 2, which has recently completed its eleventh cycle of operation, is currently preparing for Cycle 12 startup (estimated startup date is April 7, 1992). The purpose of this letter is to advise you of Commonwealth Edison's review of Cycle 12 reload under the provisions of 10CFR50.59 and to transmit the Core Operating Limits Report (COLR) for the upcoming cycle consistent with Generic Letter 88-16.

The Quad Cities Unit 2 core, which consists of NRC approved fuel designs, was designated to operate within approved fuel design criteria, Technical Specifications and related bases such that:

- Core operating characteristics will be equivalent to or less limiting than those previously reviewed and accepted; or
- reanalysis has been performed to demonstrate that the limiting postulated FSAR events which could be affected by the reload are within allowable limits.

Consistent with past reloads, the reload licensing analyses performed for Cycle 12 utilized NRC approved methodologies. The cycle-specific power distribution limits for Cycle 12 are presented in the attachment.

Commonwealth Edison has performed a detailed review of the relevant reload licensing documents, the associated bases, and references. Based on that review, a safety evaluation was prepared as required by 10CFR50.59 and has been approved by CECO's On-Site and Off-Site Review functions. CECO has concluded that the QC2C12 reload presents no unreviewed safety questions, and that no revisions to the current Quad Cities Unit 2 Technical Specifications are required as a result of the reload.

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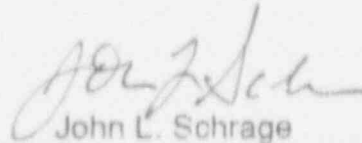
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Finally, further verification of the reload core design will be performed during QC2C12 startup testing. The startup tests will be consistent with Technical Specifications and testing recommended in Draft Regulatory Guide Task SC 521-4. As in the past, a summary of the results of key startup tests will be submitted within 90 days following the resumption of commercial operation.

Based on the previous discussions, CECo has concluded that NRC review and approval of the reload analyses is not required for resumption of operation with the Cycle 12 core.

If there are any further questions regarding the matter, please contact this office.

Very truly yours,



John L. Schrage  
Nuclear Licensing Administrator

Attachment - Core Operating Limits Report for Quad Cities Unit 2 Cycle 12

cc: A.B. Davis - Regional Administrator, RIII  
L.N. Olshan - Quad Cities Project Manager, NRR  
T. Taylor - Senior Resident Inspector, Quad Cities