



Commonwealth Edison

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January 10, 1990

Dr. Thomas E. Murley
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Document Control Desk

Subject: Byron Station Units 1 and 2
Supplement to Application for Amendment
to Facility Operating Licenses Nos. NPF-37 and NPF-66
NRC Docket Nos. 50-454 and 50-455

Reference: a) November 17, 1989 letter from R.A. Chrzanowski
to Dr. T.E. Murley

Dear Dr. Murley:

In reference (a), pursuant to 10 CFR 50.90, Commonwealth Edison proposed to amend Appendix A, Technical Specifications of Facility Operating License NPF-66. The proposed changes to the Technical Specifications included requested changes to Byron Unit 1 Reactor Coolant System Heat-up Limitation Curve, Figure 3.4-2a, to incorporate a reduced applicability limitation. Therefore, we wish to also amend Facility Operating License NPF-37 to include the previously requested revision to Figure 3.4-2a.

Additionally, in response to NRC questions posed during a December 20, 1989 phone conversation, we wish to change the proposed change to Figure 3.4-2a to incorporate further clarification of curve applicability. The calculations performed per Regulatory Guide 1.99 Revision 2, which resulted in the applicability limitations to 29.5 EFPY (Reference 2), utilized actual copper content of 0.05 Wt. % instead of the conservative 0.1 Wt. % of the existing curve. The new proposed change to Figure 3.4-2a provides further clarification of this applicability limitation. This change to Figure 3.4-2a, Technical Specification page 3/4 4-33, is attached.

The desired changes to the amendment for Figure 3.4-2a and reference to this amendment in Facility License NPF-37 have been reviewed and approved by both on-site and off-site review in accordance with 10 CFR 50.92(c). The remainder of the previous submittal [reference (a)] remains as originally requested. Since no new changes have occurred other than clarifying the applicability and basis of the Unit 1 curve, the original safety analysis, significant hazards evaluation and environmental assessment remain valid.

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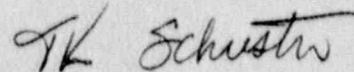
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Additionally, it is permissible to distribute copies of the Letter Report MT/SMART-078(89) prepared by Westinghouse Electric for Commonwealth Edison. The Letter Report was contained in the original amendment submittal of reference (a).

Commonwealth Edison is notifying the State of Illinois of this supplement to the application for the amendment by transmitting a copy of this letter and its attachments to the designated State Official.

Please direct any questions regarding this submittal to this office.

Very truly yours,



T.K. Schuster
Nuclear Licensing Administrator

/scl:0507T:1-2

Attachment

cc: Senior Resident Inspector-Byron
L.N. Olshan-NRR
Office of Nuclear Reactor Safety-IDNS