



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

April 23, 1991

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  
Withdrawal of Application for Amendment  
To Facility Operating Licenses NPF-37/66  
TAC# 79080/79081  
NRC Docket Nos. 50-454/455

References: a) August 16, 1990 letter from T.K. Schuster to Dr. T.E. Murley.  
b) April 23, 1991 letter from T.K. Schuster to Dr. T.E. Murley  
documenting a Teleconference held on April 12, 1991.

Dear Dr. Murley:

In Reference (a), pursuant to 10 CFR 50.90, Commonwealth Edison Company (CECo) proposed to amend Appendix A, Technical Specifications of Facility Operating Licenses NPF-37 and NPF-66. The proposed amendment requested changes to Specifications 3.7.4 and 3.7.5 regarding the Essential Service Water cooling system.

Review of the supporting documentation for the submittal, including the original analysis performed to determine the heat removal capability of the system, has identified two assumptions which are non-conservative. An interim operability assessment, which assessed the impact of the non-conservative assumptions on the safety function of the Essential Service Water Cooling Towers, has been performed. The assessment confirmed the impact on the original analysis is minor and is easily offset by margin provided by anticipated near term weather conditions. Further discussion of this operability assessment and future plans relative to the operability of this system are contained in the letter of Reference (b). Based on CECo's commitment to operate its nuclear facilities safely and conservatively, a detailed reconstitution of the design bases of the Essential Service Water System is underway, including a comprehensive operability assessment. Until completion of this review, CECo deems it appropriate to withdraw the proposed amendment of Reference (a). Resubmittal of an amendment similar in scope will occur at a later date. Conservative and safe operation of the system until resubmittal is assured both by previously instituted administrative controls and the current operability action plan put in place by CECo.

Commonwealth Edison is notifying the State of Illinois of withdrawal of our application for amendment by transmitting a copy of this letter to the designated State Official.

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To the best of my knowledge and belief the statements contained herein are true and correct. In some respects, these statements are not based on my personal knowledge but upon information received from other Commonwealth Edison and contractor employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

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

Respectfully,



T.K. Schuster  
Nuclear Licensing Administrator

cc: W. Kropp - Byron  
A. Hsia - NRR  
W. Shafer - RIII  
Office of Nuclear Facility Safety - IDNS

State of Ill, County of Cook  
Signed before me on this 23 day  
of April, 1991

Notary Public 

