



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

February 6, 1992

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

Attn: Document Control Desk

Subject: Byron Station Units 1 and 2
Braidwood Station Units 1 and 2
Supplement to Application for Amendment to Facility
Operating Licenses NPF-37/66 & NPF-72/77
Appendix A, Technical Specifications
Tac #M79082 and M79613
NRC Docket Nos. 50-454/455 and 50-456/457

Reference: a) November 18, 1991 letter from T. Schuster to
Dr. T. Murley containing a Supplemental
Application for amendment to the Byron/Braidwood
Facility Operating Licenses

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-37/66 and NPF-72/77 for Byron/Braidwood Stations. The proposed amendment was to revise a portion of Technical Specification Tables 2.2-1 and 3.3-4, Reactor Trip System Instrumentation Trip Setpoints and Engineered Safety Features Actuation System Instrumentation Trip Setpoints respectively, to reduce the setpoint for Low-Low Steam Generator Level Reactor Trip and Auxiliary Feedwater Initiation from 40.8% of span to 33.0% of span for the Unit 1 Model D-4 Steam Generators. This setpoint reduction utilizes existing excess margin present in the 40.8% setpoint.

The purpose of this letter is to confirm that the Low-Low Steam Generator water level setpoint and associated allowable value were selected, based on statistical analysis of the errors associated with the steam generator level instrumentation loops and their calibration. Further, the statistical analysis methodology was consistent with that outlined in WCAP-12583, "Westinghouse Setpoint Methodology for Protection Systems" and WCAP-12523, "Bases Document for Westinghouse Setpoint Methodology for Protection Systems." These methods have been previously reviewed and approved by the NRC staff.

Commonwealth Edison is notifying the State of Illinois of this supplement to an 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 have concerning this matter to this office.

Respectfully,

Lawrence W. Simpkins
for T.K. Schuster
Nuclear Licensing Administrator

State of Ill County of Cook
Signed before me on this 6th
of February 19 92 by T.K. Schuster
Notary Public [Signature]



- cc: W. Kropp-Byron
- S. Dupont-Birdwood
- A. Hsia-NRR
- R. Pulsifer-NRR
- B. Clayton-RIII
- Office of Nuclear Facility Safety-IDNS