



Commonwealth Edison

One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690 - 0767

December 23, 1986

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC. 20555

Subject: Byron Station Units 1 and 2
Application for Amendment to
Facility Operating Licenses NPF-37
and NPF-60, Appendix A,
Technical Specifications
NRC Docket Nos. 50-454 and 50-455

Dear Mr. Denton:

Pursuant to 10 CFR 50.90, Commonwealth Edison proposes to amend Appendix A, Technical Specifications, of Facility Operating Licenses NPF-37 and NPF-60. The proposed technical specification changes, which result from a modification to the narrow range resistance temperature detectors (RTDs) in the reactor coolant system, are contained in Attachment A. The existing RTD bypass manifold system is being removed and replaced with fast response RTDs located in the reactor coolant hot leg and cold leg piping. A description of the proposed modification and the analyses to support the modification are contained in the attached licensing report (Attachment B).

The proposed amendment has been reviewed and approved by both On-site and Off-site review in accordance with Commonwealth Edison Company procedures. We have reviewed this proposed amendment in accordance with 10 CFR 50.92(c) and determined that no significant hazards considerations exist. Our evaluation is documented in Attachment C.

Prompt NRC review and approval of this proposed amendment is requested. Our current plans are to begin installation of this modification at the start of the Byron Unit 1 refueling outage. This outage is scheduled to start February 15, 1987.

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

In accordance with 10 CFR 170, a fee remittance in the amount of \$150.00 is enclosed.

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

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Non Prop To: LPOR-1
NRC POR-1
Reg Files-1
L. DLSkan-2

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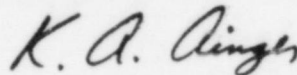
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Three (3) signed originals and thirty-seven (37) copies of this letter and Attachments A, C and D are provided for your use. With respect to the licensing report (Attachment B), fifteen (15) copies of WCAP-11323 "Byron 1 & 2 and Braidwood 1 & 2 RTD Bypass Elimination Licensing Report" (Proprietary) are provided. Five (5) copies of WCAP-11324 "Byron 1 and 2 and Braidwood 1 & 2 RTD Bypass Elimination Licensing Report" (Non-Proprietary) are provided.

Attachment D contains a Westinghouse Application for Withholding (letter CAW-86-113), accompanying Affidavit, and Proprietary Information Notice. Since WCAP-11323 contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectively requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.790 of the Commission's regulations. Correspondence with respect to the proprietary aspects of the Application for Withholding or the supporting Westinghouse affidavit should reference CAW-86-113 and should be addressed to R.A. Wiesemann, Manager Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230.

Very truly yours,



K. A. Ainger
Nuclear Licensing Administrator

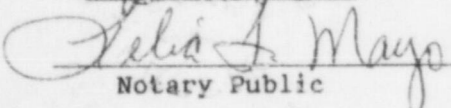
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Enclosure: Fee Remittance

Attachments (A): Proposed Technical Specification Changes
(B): Licensing Report
(C): Evaluation of Significant Hazards Considerations
(D): Westinghouse Application for Withholding

cc: Resident Inspector - Byron
L. Olshan - NRR
M. C. Parker - State of Illinois

SUBSCRIBED and SWORN to
before me this 23rd day
of December, 1986



Notary Public