



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

August 8, 1985

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

Subject: Zion Nuclear Power Station Units 1 and 2  
Proposed Amendment to Facility Operating  
License Nos. DPR-39 and DPR-48  
NRC Docket Nos. 50-295 and 50-304

References (a): June 3, 1977 letter from A. Schwencer  
to R. L. Bolger

(b): June 24, 1982 letter from S. A. Varga  
to L. O. DelGeorge

Dear Mr. Denton:

Attachment 1 to this letter is a proposed amendment to Facility Operating License Nos. DPR-39 and DPR-48, Appendix A, Sections 3.4 and 3.15. These changes reflect the installation of a degraded grid voltage protection system at Zion Station.

The design requirements for this system were transmitted to Commonwealth Edison Company in reference (a). Reference (b) approved the proposed modifications and draft Technical Specifications. Attachment 2 provides a general description of Zion's degraded grid protection system.

Attachment 3 contains a demonstration that the proposed amendment does not involve a significant hazards consideration. This change has received on-site and off-site review and approval.

Reference (b) also requested that the Technical Specification change request be submitted subsequent to the installation of the degraded grid protection system. Installation is complete on Unit 1. However, final installation and testing on Unit 2 will be completed during the Fall, 1985 refueling outage. This outage is scheduled for completion in January of 1986. Thus, the issuance of this amendment should be delayed until after the end of the refueling outage to ensure that installation is complete and to preclude any potential conflicts between Unit 2 startup and the newly issued requirements.

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10 CFR 170 requires a \$150.00 fee to be submitted with this request. However, Zion Station currently has a \$150.00 credit due to a consolidation of amendment requests. Please apply this credit toward the required fee for this submittal.

As required by 10 CFR 50.91, the State of Illinois is being notified of this amendment request by transmittal of a copy of this letter and its attachments.

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

Three signed original and thirty-seven (37) copies of this letter and its attachments are hereby provided for your review.

Very truly yours,

*Peter LeBlond*

P. C. LeBlond  
Nuclear Licensing Administrator

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Attachments

cc: NRC Resident Inspector - Zion  
J. Norris - NRR  
M. C. Parker - State of Ill.

SUBSCRIBED AND SWORN to  
before me this 8<sup>th</sup> day  
of August, 1985

*Lelia A. Mayo*  
Notary Public

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