



Commonwealth Edison

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

August 19, 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
Specimen Capsules
NRC Docket Nos. 50-295 and 50-304

Reference: LER 50-304/85-09

Dear Mr. Denton:

Attachment 1 to this letter is a proposed amendment to Facility Operating License Nos. DPR-39 and DPR-48, Appendix A, Section 4.3.4.D - Materials Irradiation Surveillance Specimen Inspection. This change provides a revised specimen capsule withdrawal schedule which reflects both the implementation of Low Leakage Loading Patterns and the current requirements of 10 CFR 50, Appendix H.

Attachment 2 provides a technical description and justification for the proposed change. Attachment 3 contains Commonwealth Edison Company's demonstration that the proposed amendment does not involve a significant hazards consideration. This change has also received on-site and off-site review and approval.

The technical basis for the revised fluence estimates was originally published as part of a larger report. The required information is being extracted from the original document and is being published in WCAP 10902, entitled "Reactor Vessel Fluence Evaluations for Zion Units 1 and 2". This document will be transmitted to you by early September.

The referenced LER described Zion's failure to remove a surveillance capsule as required by the current Technical Specifications. It also committed to removing capsule X on Unit 2 during the Fall, 1985 refueling outage if this change has not been approved. This removal is currently scheduled for late November. Since the removal of a capsule at this time will not provide any additional useful information, Commonwealth Edison requests that approval of this amendment request be granted by December 1, 1985.

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H. R. Denton

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A \$150.00 fee remittance is enclosed in accordance with 10 CFR 170. As provided 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 the attachments.

If you have any questions regarding this matter, please direct them to this office.

Three (3) signed originals and thirty-seven (37) copies of this transmittal 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: Resident Inspector - Zion
J. A. Norris - NRR
M. C. Parker - State of Ill.

SUBSCRIBED AND SWORN to
before me this 19th day
of August, 1985

Lelia J. Mamp
Notary Public

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