



**Commonwealth Edison**

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

August 7, 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

Reference: July 13, 1985 letter from P. C. LeBlond  
to H. R. Denton.

Dear Mr. Denton:

The referenced letter transmitted a request to increase the enrichment limit for fuel stored in Zion's Spent Fuel Pool to 3.7 w/o U-235. In response to a request by Mr. M. L. Wohl of your office, we are providing additional information regarding Commonwealth Edison's current burn-up projections for the Zion reactors.

The current region discharge burn-up projections for the proposed Zion 18 month operating cycles are approximately 36,000 MWD/MTU which was obtained from economic scoping studies. While there are no plans to increase the average region discharge burn-up, this parameter is subject to periodic reassessment in order to ensure the economic optimization of Commonwealth Edison's fuel usage.

If any questions arise concerning this matter, please contact this office.

Very truly yours,

*Peter LeBlond*

P. C. LeBlond  
Nuclear Licensing Administrator

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cc: NRC Resident Inspector  
J. Norris - NRR

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