



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

March 10, 1983

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

Subject: Dresden Station Unit 2  
Supplement to Proposed Amendment to  
Appendix A Technical Specification to  
Support Operator with Fuel Supplied  
by Exxon Nuclear Company  
NRC Docket No. 50-237

References (a): T. J. Rausch letter to H. R. Denton  
December 12, 1982.

(b): T. J. Rausch letter to H. R. Denton  
dated February 7, 1983.

Dear Mr. Denton:

Enclosed is a supplement to the subject amendment to Provisional Operating License DPR-19 for Unit 2 transmitted originally via reference (a). This supplement provides a revision to Attachment 2 of Reference (a) (XN-NF-82-77) which effects the replacement of four Exxon Corporation XN-1 fuel bundles with four precharacterized GE fuel bundles to be used in the upcoming Cycle 9 reload. It is Commonwealth Edison's intent to utilize hydrogen addition during Cycle 9 (see Reference (b)). Accordingly, Commonwealth Edison and General Electric have agreed to install these four precharacterized GE fuel bundles. The fuel bundles are all the standard GE-6 design (pressurized, retrofit type) with an enrichment of 2.65% and a Gadolinium loading of 3 percent by weight.

Exxon has evaluated the effect of these four fuel bundles on the Dresden Unit 2, Cycle 9 analyses and has determined that since the GE bundles are of lower reactivity than the Exxon bundles they are replacing and coupled with the fact that they are located near the edge of the core, the Cycle 9 reload analyses remain valid. Since this is of a fuel type that has already been approved for use in the Dresden Unit 2 reactor which Exxon fuel is present, its insertion into Dresden Unit 2, Cycle 9 presents no unresolved safety questions.

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H. R. Denton

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Enclosed as Attachment 1 is a revised core loading plan locating the position of one of GE bundles. The other three bundles are in symmetrical positions in the remaining three quadrants of the core.

Please address any questions you may have to this office.

One (1) signed original and forty (40) copies of this transmittal are provided for your use.

Very truly yours,



B. Rybak  
Nuclear Licensing Administrator

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Attachment

cc: Region III Inspector - Dresden  
R. Gilbert - NRR

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