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 AUTH. NAME AUTHOR AFFILIATION  
 HINTZ, D. C. Wisconsin Public Service Corp.  
 RECIP. NAME RECIPIENT AFFILIATION  
 LEAR, G. PWR Project Directorate 1

SUBJECT: Forwards "Reload Safety Evaluation, Kewaunee Cycle 12, Dec 1985." Cycle XII reload design does not create unreviewed safety question. Cycle XI-XII refueling outage scheduled to begin on 860303.

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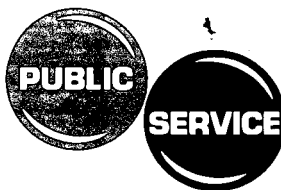
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**WISCONSIN PUBLIC SERVICE CORPORATION**

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December 20, 1985

Director of Nuclear Reactor Regulation  
Attention: Mr. George Lear, PWR Project Directorate-1  
Operating Reactors Branch No. 1  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Cycle XII Reload Safety Evaluation

This letter transmits 3 copies of the Reload Safety Evaluation for the Kewaunee Cycle XII (Twelve) reload core. Our evaluation has shown that the Cycle XII core design is more conservative than the design utilized in our accident analysis. Therefore, the Cycle XII reload design does not create an unreviewed safety question, and we are proceeding with the reload in accordance with the provisions of 10 CFR 50.59(a)(1).

For your information, the Cycle XI - Cycle XII refueling outage is presently scheduled to begin March 3, 1986; and the Cycle XII startup testing is scheduled to begin approximately April 28, 1986.

Very truly yours,

*Carl Hintz*  
*for*

D. C. Hintz  
Manager - Nuclear Power

DJR/jms  
Enc.

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cc - Mr. Robert Nelson, NRC Sr. Resident Inspector  
RR #1, Box 999, Kewaunee, WI 54216

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600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

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