

Public Service

NRC-98-103

Wisconsin Public Service Corporation
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September 29, 1998

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Cycle 23 Reload Safety Evaluation

Reference: 1) Letter from C. R. Steinhardt to Document Control Desk dated April 15, 1998

This letter transmits 3 copies of the Reload Safety Evaluation for the Kewaunee Cycle 23 reload core. The evaluation was completed with the higher peaking factors currently under NRC review (Reference 1). The evaluation has shown that the Cycle 23 core design is more conservative than the design used in our accident analyses. Therefore, the Cycle 23 reload design does not create an unreviewed safety question, and the reload is proceeding in accordance with the provisions of 10 CFR 50.59(a)(1). Should the NRC not approve the higher peaking factors, unit startup will proceed constrained by the current more limiting TS peaking factor limits.

For your information, the Cycle 22-23 refueling outage is presently scheduled to begin October 17, 1998; the Cycle 23 startup testing is scheduled to begin approximately November 24, 1998.

Sincerely,



Mark L. Marchi
Site Vice President-Kewaunee Plant

RPP

Attachment

cc: US NRC Senior Resident Inspector
US NRC Region III

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