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SUBJECT: Forwards "Conct Authorization Application for SG Replacement." Replacement required in order to operate until license expiration.

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WISCONSIN PUBLIC SERVICE CORPORATION

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March 27, 1996

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

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Copy of Construction Authorization Application for
Kewaunee Nuclear Power Plant Replacement Steam Generators

Attached is a copy of the construction authorization (CA) application, and related issues information, recently submitted to the Public Service Commission of Wisconsin requesting approval to replace the Kewaunee Nuclear Power Plant steam generators (SGs). As stated in the CA application, the KNPP is no longer operating at full rated capacity due to the number of SG tubes that have been repaired or plugged. Based on the projected future tube degradation rate, the KNPP owners have concluded that SG replacement is required in order to operate the unit until 2013 (end of the current operating license.) Current plans are to replace the SGs during the Fall 1999 refueling outage.

A copy of the CA application is being provided for your information only. Wisconsin Public Service Corporation (WPSC) is currently in the process of working with a vendor to determine the component design. The replacement SG component will match the performance characteristics of the existing SGs while incorporating design improvements such as Inconel Alloy 690 tube material and enhanced flow distribution. It is WPSC's intent to perform the SG replacement in accordance with the provisions of 10 CFR 50.59.

Following completion of the component design work we would like to meet with your staff and provide an overview of our replacement project and 10 CFR 50.59 process. If you have any questions or require additional information please contact a member of my staff.

Sincerely,

M. L. Marchi
Manager-Nuclear Business Group

290064

SLB/jmf

Attach.

cc - US NRC Region III
US NRC Senior Resident Inspector

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