

January 26, 2004

Mr. Thomas Coutu
Site Vice President
Kewaunee Nuclear Power Plant
Nuclear Management Company, LLC
N490 State Highway 42
Kewaunee, WI 54216

**SUBJECT: KEWAUNEE NUCLEAR POWER PLANT - REVIEW OF LICENSE AMENDMENT
REQUEST NO. 195, STRETCH POWER UPRATE (TAC NO. MB9031)**

Dear Mr. Coutu:

The purpose of this letter is to identify outstanding responses to the Nuclear Regulatory Commission's (NRC's) staff requests for additional information regarding the Kewaunee Nuclear Power Plant stretch power uprate amendment request, and the potential schedule impact on our review completion. Nuclear Management Company, LLC (NMC) submitted a license amendment request dated May 22, 2003, as supplemented November 5 and December 15, 2003, to revise the Kewaunee Nuclear Power Plant technical specifications (TS) and the operating license to implement a 6.0-percent stretch power uprate. You requested that the NRC complete its review by February 23, 2004.

While the NRC staff endeavors to complete its review consistent with your proposed completion date, it is unlikely that the NRC staff will complete its review by February 23, 2004, because NMC has not yet responded to a number of our requests for additional information.

The NRC staff still needs the following technical information to complete its review: (1) an evaluation to address the effects of the stretch power uprate on utilizing the refueling water storage tank to borate the reactor coolant system to cold shutdown, with and without the availability of letdown, (2) the calculations and description of the methodology to eliminate the rod bow penalty, (3) the technical basis for operating the feedwater and condensate motors at service factors of approximately 1.03 at stretch power uprate conditions, (4) the technical basis for operating at the stretch power uprate conditions in light of the water hammer, two-phase flow, and thermal overpressurization concerns that are discussed in Generic Letter 96-06, "Assurance of Equipment Operability and Containment Integrity During a Design-Basis Accident Conditions," dated September 30, 1996, (5) a summary of your responses to post-Three Mile Island (TMI) Action Plan Item II.E.I.I, that includes a listing of applicable correspondence and a description of the impact that the proposed stretch power uprate will have on your responses to and resolution of this particular post-TMI Action Plan item, (6) how you interpret the proposed auxiliary feedwater (AFW) TS requirements if a steam supply to the turbine-driven AFW pump is inoperable when another AFW pump is inoperable, (7) how you plan to coordinate the downpower maneuver when two AFW pumps are inoperable to assure decay heat removal requirements will be met in the event of a loss of normal feedwater event, and (8) an example showing that sufficient margin exists between the analytical limit and the setpoint including the tolerance band around the setpoint to illustrate when the channel is considered inoperable.

T. Coutu

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When NMC submits the information regarding the above items, we will inform you of our revised schedule for completing this effort.

We hope this information will help you with your planning.

If you have any questions, you can contact me at (301) 415-1446.

Sincerely,

/RA/

John G. Lamb, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-305

cc: See next page

T. Coutu

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