

February 10, 2003

Mr. Fred J. Cayia
Site Vice President
Point Beach Nuclear Plant
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - EVALUATION OF
LICENSEE'S CLARIFICATION LETTER REGARDING 1.4 - PERCENT POWER
UPRATE DUE TO THE INSTALLATION OF A CALDON LEADING EDGE FLOW
METER (TAC NOS. MB7194 AND MB7195)

Dear Mr. Cayia:

By letter dated December 20, 2002, the Nuclear Management Company, LLC (the licensee), submitted information clarifying its April 30, 2002, license amendment application for a 1.4-percent measurement uncertainty recapture power uprate for Point Beach Nuclear Plant, Units 1 and 2 (PBNP). The Nuclear Regulatory Commission (NRC) staff approved the licensee's April 30, 2002, application by License Amendment Nos. 207 and 212, dated November 29, 2002.

The clarifying information pertains to the licensee's statements indicating that the intermediate range nuclear instrument flux trip setpoint would need to be rescaled, and that changes would need to be made to the Core Operating Limits Report (COLR) related to ΔT_o of the overtemperature and overpower ΔT trip setpoints. In its December 20, 2002, letter, the licensee stated that it recently determined that the intermediate range nuclear instruments would not need to be rescaled for the power uprate. The licensee made this determination because the current setpoint is approximately 25 percent of the current rated thermal power of 1518.5 MWt. By scaling for the uprated power of 1540 MWt, the trip setpoint would be approximately 24.65 percent of rated thermal power. However, the PBNP Technical Specifications (TSs) allow this setpoint to be as high as 40 percent. Therefore, there is sufficient margin, and the licensee does not need to rescale the intermediate range nuclear instrument flux trip setpoint. Since the TS limits are met, the NRC staff finds it acceptable for the licensee to not rescale their intermediate range instruments for the power uprate.

The licensee had indicated that the ΔT_o for the overtemperature ΔT and the overpower ΔT will change because of the power uprate. Because of this change, the licensee determined that it would need to modify the procedure calibrating the ΔT_o and the COLR. Therefore, in the NRC staff's safety evaluation issued with Amendment Nos. 207 and 212, the NRC staff agreed with the licensee's assessment to update the COLR to include the changes to ΔT_o . However, upon review of the proposed COLR received from PBNP's fuel vendor, the licensee noted that

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the COLR does not list the specific numerical value of ΔT_o and, therefore, does not need to be changed. Since the COLR does not list the specific value of ΔT_o , the NRC staff agrees with the licensee that specific changes to the COLR to modify ΔT_o are not necessary.

Sincerely,

/RA/

L. Raghavan, Chief, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

cc: See next page

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/RA/

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Project Directorate III
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Office of Nuclear Reactor Regulation

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Point Beach Nuclear Plant, Units 1 and 2

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October 2002