



231 W Michigan, PO. Box 2046, Milwaukee, WI 53201-2046

(414) 221-2345

VPNPD-96-008

10CFR50.4  
10CFR50.90

February 2, 1996

Document Control Desk  
US NUCLEAR REGULATORY COMMISSION  
Mail Station P1-137  
Washington, DC 20555

Ladies/Gentlemen:

DOCKETS 50-266 AND 50-301  
TECHNICAL SPECIFICATION CHANGE REQUEST 171  
HEATUP AND COOLDOWN LIMIT CURVE EXPIRATION DATE EXTENSION  
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

On May 26, 1994, we submitted Technical Specifications Change Request 171, "Heatup and Cooldown Limit Curve Expiration Date Extension," which requested amendments to Facility Operating Licenses DPR-24 and DPR-27 for Point Beach Nuclear Plant (PBNP), Units 1 and 2, respectively. The proposed amendments extended the operation of both units with the current heatup and cooldown limit curves in the Technical Specifications to 23.6 effective full power years (EFPY). In a May 11, 1995 conference call, the NRC staff requested clarification of our submittal with respect to the neutron cross-section library used in supporting analyses. We provided information applicable to Point Beach Unit 2 in a letter dated October 12, 1995. This letter provides the requested information applicable to Point Beach Unit 1.

In December 1995, Revision 3 to WCAP-12794, "Reactor Cavity Neutron Measurement Program for Wisconsin Electric Power Company, Point Beach Unit 1" was issued. This revision incorporates dosimetry results from fuel cycles 20 through 22, and implements the latest available nuclear cross-section data derived from ENDF/B-VI. The results of WCAP-12794, Revision 3 are consistent with the results determined in Revision 2 for the PBNP Unit 1 limiting materials. For the belt-line circumferential weld (SA-1101) at 32 EFPY, the inside surface fluence determined in Revision 3 is  $2.46E+19$  n/cm<sup>2</sup> (E > 1.0 MeV). This is approximately 1% higher than the fluence value determined for this location in WCAP-12794, Revision 2.

Based on our reviews, the Point Beach Unit 2 SA-1484 weld remains limiting for the evaluation of the PBNP Units 1 and 2 heatup and cooldown curves. Therefore, the heatup and cooldown limit curve expiration date in the proposed Technical Specification remains valid for PBNP Units 1 and 2.

Please contact us should you have any further questions.

Sincerely,

Bob Link  
Vice President  
Nuclear Power

9602120346 960702  
PDR ADOCK 05000266  
P PDR

JRP  
Enclosure

cc: NRC Regional Administrator, NRC Resident Inspector, Public Service Commission of Wisconsin

120060

ADOCK 05000266