



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 8, 1990

Docket No. 50-155

Mr. William L. Beckman, Plant Manager  
Big Rock Point Plant  
10269 U. S. 31 North  
Charlevoix, Michigan 49720

Dear Mr. Beckman:

SUBJECT: NRC BULLETIN 90-02, "LOSS OF THERMAL MARGIN CAUSED BY CHANNEL BOX  
BOW" (TAC NO. 76319)

By letter dated April 20, 1990, Consumers Power Company provided a response to NRC Bulletin 90-02 for Big Rock Point. In your response you stated that analyses evaluating the effects of channel box bow on Minimum Critical Power Ratio would be submitted prior to the start of the next cycle. The analyses were submitted by letter dated August 3, 1990.

The NRC staff has performed an evaluation of the August 3, 1990, submittal. The results of our evaluation are provided in the enclosed Safety Evaluation. The staff finds that your response satisfactorily resolves the issues discussed in NRC Bulletin 90-02 for the upcoming cycle and future cycles. However, any deviation from the approved methodology for future channel box reuse must be evaluated and approved by the staff on a cycle specific basis, prior to the start of the cycle.

We appreciate your cooperation in resolving this issue.

Sincerely,

Armando Masciantonio, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III,  
IV, V & Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page

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Mr. William L. Beckman  
Big Rock Point Nuclear Plant

Big Rock Point Plant

cc:

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Consumers Power Company  
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