

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,

/s/

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:
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PM/PD31:DRSP *adm*
AMASCIANTONIO
11/6/90

W. Long
D/PD31:DRSP
RPIERSON
11/8/90

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Division of Reactor Projects - III,
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Office of Nuclear Reactor Regulation

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BIG ROCK 90-02 TAC 76319



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

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Sincerely,

A handwritten signature in cursive script, appearing to read "A.S. Masciantonio".

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

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Safety Evaluation

cc w/enclosure:
See next page

Mr. William L. Beckman
Big Rock Point Nuclear Plant

Big Rock Point Plant

cc:

Mr. Thomas A. McNish, Secretary
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Judd L. Bacon, Esquire
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Mr. Thomas C. Bordine
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Jare E. Brannon, County Clerk
County Building
Charlevoix, Michigan 49720

Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Nuclear Facilities and Environmental
Monitoring Section Office
Division of Radiological Health
P. O. Box 30035
Lansing, Michigan 48909

U.S. Nuclear Regulatory Commission
Resident Inspector Office
Big Rock Point Plant
10253 U.S. 31 North
Charlevoix, Michigan 49720