

June 6, 1990

Docket No. 50-219

Mr. E. E. Fitzpatrick
Vice President and Director
Oyster Creek Nuclear Generating Station
P. O. Box 388
Forked River, New Jersey 08731

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Docket File

PDI-4 Rdg.
B.Boger(14A)
A.Dromerick
OGC
ACRS(10)

Dear Mr. Fitzpatrick:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GPU NUCLEAR
CORPORATION'S RESPONSE TO NRC BULLETIN 90-02 "LOSS OF THERMAL MARGIN
CAUSED BY CHANNEL BOX BOW" (TAC NO. 76342)

By your letter of May 21, 1990, GPU Nuclear Corporation (GPUN) responded to NRC Bulletin 90-02 "Loss of Thermal Margin Caused By Channel Box Bow." We have reviewed the information provided in your response and have determined that additional information is required in order for the staff to perform an independent review regarding this matter. Specifically, the information required is as follows:

1. A complete description of the methodology used in computing the effect on thermal margins including data base, assumptions used and derivation of correlations and equations.
2. The effect of channel bow not only on the Critical Power Ratio Limits but also on the linear heat generation rate and maximum average planes linear heat generation rate (MAPLHGR) limits.
3. The effect on the traveling incore probe system (TIP) measurements uncertainty should also be evaluated.

We request that the above information be provided within 30 days of receipt of this letter. If you have any questions regarding this request, please contact me.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than 10 respondents; therefore, OMB clearance is not required under P.L. 97-511.

Sincerely,

/s/

Alexander W. Dromerick, Senior Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000219
Q FDC

cc: See next page

*See previous concurrence

LA:PDI-4* PM:PDI-4*
SNorris ADromerick:rc
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PD:PDI-4*
JStolz
6/6/90

RJones*
6/6/90

DOCUMENT NAME: TAC 76342

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3. The effect on the traveling incore probe system (TIP) measurements uncertainty should also be evaluated.

We request that the above information be provided within ³⁰~~60~~ days of receipt of this letter. If you have any questions regarding this request, please contact me.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than 10 respondents; therefore, OMB clearance is not required under P.L. 97-511.

Sincerely,

Alexander W. Dromerick, Senior Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

LA:PDI-4
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PD:PDI-4
JStolz
1/90

[Signature]
R. Jones
6/6/90

DOCUMENT NAME: TAC 76342

Mr. E. E. Fitzpatrick
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear
Generating Station

cc:

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