

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315-342-3840



Michael J. Colomb
Site Executive Officer

September 29, 2000
JAFP-00-0224

United States Nuclear Regulatory Commission
ATTN: Document Control desk
Mail Station P1-137
Washington, DC 20555

**SUBJECT: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333 / License No. DPR-59
Response to NRC Request for Additional Information Concerning Proposed
Change to the Technical Specifications Regarding Minimum Critical Power
Ratio Safety Limit (TAC No. MA9522)**

- Reference:
1. NYPA Letter, J. Knubel to USNRC, dated July 27, 2000 (JPN-00-023) Regarding Proposed Change to the Technical Specifications Regarding Minimum Critical Power Ratio Safety Limit (JPTS-00-002)
 2. NYPA letter, J. Knubel to USNRC, dated August 16, 2000 (JPN-00-029) Concerning Correction to Proposed Change to the Technical Specifications Regarding Minimum Critical Power Ratio Safety Limit (JPTS-00-002)
 3. Communication between Mr. G. Vissing (USNRC) and Mr. Tasick (NYPA), dated September 18, 2000.
 4. Communication between Mr. T. Huang (USNRC), Mr. S. Nathan (USNRC), and Mr. G. Rorke (NYPA), clarification of Question No. 2, dated September 27, 2000.

Dear Sir:

The attachment to this letter provides the response to the NRC staff's information request (References 3 and 4). This information request was e-mailed to the Authority on September 18, 2000 and responded to by the Authority (e-mail) to Mr. G. Vissing of your staff on September 22, 2000.

A001

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There are no commitments contained in this letter. If you have any further questions,
please contact Mr. George Tasick of my staff at (315) 349-6572.

Very truly yours,



MICHAEL J COLOMB

MJC:GJB:las

Attachment: as stated

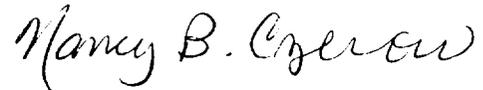
**CC: Regional Administrator
U.S Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406**

**Office of Resident Inspector
James A. FitzPatrick Nuclear Power Plant
P.O. Box 134
U.S. Nuclear Regulatory Commission
Lycoming, NY 13093**

**Mr. Guy Vissing, Project Manager
Project Directorate I
Division of Licensing Project Management
U.S. Nuclear Regulatory Commission
Mail Stop 8C2
Washington, DC 20555**

**STATE OF NEW YORK
COUNTY OF OSWEGO**

Subscribed and sworn to before me
this 29 day of Sept 2000.



NANCY B. CZEROW
Notary Public, State of New York
Qualified in Oswego County #4884611
Commission Expires 1-26-01

Attachment to JAFP-00-xxxx

Request 1. *Provide the number of bundles for each fuel type in Cycle 14 and the Cycle for which they were introduced into the core.*

Response: SLMCPR application is for Cycle 15. Information for both Cycle 14 and Cycle 15 is included in the response.

Fuel Bundles in Cycle 14 Core

Bundle Type/Enr	Number of Bundles	Reload # Date Loaded
GE11/3.56	10	11/ 1-95
GE11/3.59	16	11/ 1-95
GE11/3.80	148	11/ 1-95
ATRIUM-10A/3.39	4	11/ 1-95
GE12/ 4.17	40	12/ 11-96
GE12/ 4.12	150	12/ 11-96
GE12/ 4.07L	92	13/ 11-98
GE12/ 4.07H	100	13/ 11-98

Fuel Bundles in Cycle 15 Core

Bundle Type/Enr	Number of Bundles	Reload # Date Loaded
GE12/ 4.17	40	12/ 11-96
GE12/ 4.12	132	12/ 11-96
GE12/ 4.07L	92	13/ 11-98
GE12/ 4.07H	100	13/ 11-98
GE12/ 4.05L	56	14/ 10-00
GE12/ 4.05H	132	14/ 10-00
GE12/ 4.07L	8	14/ 10-00

Attachment to JAFP-00-xxxx

Request 2. *The information for the non-power distribution uncertainty specified as "original" and "revised" should be clearly identified in a footnote.*

Response: These uncertainties referred to in the attachment to our application, prepared by General Electric, are given in Table 2-1 of NEDC-32601P-A (Methodology and Uncertainties for Safety Limit MCPR Evaluations, dated August 1999). This document was approved by the NRC as part of the new SLMCPR methodology in a letter from the NRC to General Electric, dated March 11, 1999. Specifically, the original GETAB uncertainties (column labeled "GETAB Uncertainty $\pm \sigma$ [%]") were used in the Cycle 14 calculation. The revised uncertainties, meaning those approved in March 1999 (column labeled "Revised Uncertainty and Procedures $\pm \sigma$ [%]") were used for Cycle 15 calculation.

Request 3. *Justify the reason to keep the SLMCPR value of 1.09 instead of the calculated value of 1.06.*

Response: The Cycle 15 core was evaluated to have adequate margin using a SLMCPR equal to 1.09. By using this value, the Authority can leave the current value unchanged, and likely avoid an SLMCPR change in the next Cycle.