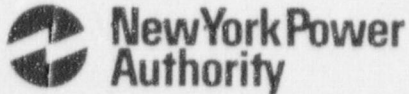


James A. FitzPatrick  
Nuclear Power Plant  
268 Lake Road  
P.O. Box 41  
Lycoming, New York 13093  
315-342-3840



Michael J. Colomb  
Site Executive Officer

October 20, 1998  
JAFP-98-0343

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

SUBJECT: James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
**Supplemental Information Regarding Proposed Changes to the  
Technical Specification for SLMCPR**

Reference: 1. NYPA Letter, J. Knubel to the NRC, "Proposed Changes to the  
Technical Specifications Regarding Minimum Critical Power  
Ratio Safety Limit (JPTS-98-002)," (JPN-98-036), dated  
August 3, 1998

Dear Sir:

On October 19, 1998, the NRC verbally requested supplemental information regarding the referenced Technical Specification (TS) submittal. Specifically, the NRC requested further information regarding the planned core loading for Cycle 14. Attachment 1 to this letter provides this information.

The referenced TS change request was based on a GE12 reload batch of 200 fresh fuel bundles. Due to a decrease in the projected End-of-Cycle (EOC) 13 exposure, a smaller reload batch (i.e., 192 fresh fuel bundles) is required to reach the desired Cycle 14 energy. The SLMCPR was re-analyzed with this smaller reload batch. The results of this analysis show that the SLMCPR decreased to 1.08. However, the Authority still intends to utilize the more restrictive values of 1.09 and 1.10 (Single Loop Operation) transmitted under Reference 1.

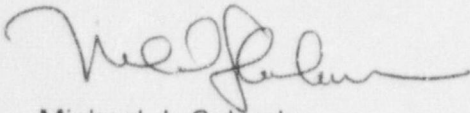
The Authority has concluded that the changes regarding the smaller reload batch will not affect plant safety because FitzPatrick will be operating with a SLMCPR that will be more restrictive than required. As such, the bases and conclusions of the no significant hazards consideration described in Reference 1 do not change.

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PDR ADOCK 05000333  
P PDR

ADD 1/

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Subject: Information Regarding SLMCPR  
Page -2-

There are no commitments made by the Authority in this letter. If you have any questions, please contact Mr. Art Zaremba at (315) 349-6365.



Michael J. Colomb  
Site Executive Officer

MJC:JJC:las

cc: JPTS-98-002 File

Regional Administrator  
U.S. Nuclear Regulatory Commission  
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Mr. J. Williams, Project Manager  
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M. F. William Valentino, President  
New York State Energy, Research and Development Authority  
Corporate Plaza West  
286 Washington Avenue Extension  
Albany, NY 12203-6399

Attachment I to JAFP-98-0343  
Supplemental Information for Proposed Changes to  
the Technical Specifications Regarding SLMCPR

Fuel Bundles to remain in Core from Previous Operating Cycles

<u>Bundle Design</u>	<u>Reload</u>	<u>Quantity</u>
GE11-359% U-235	11	16
GE11-356% U-235	11	10
GE11-380% U-235	11	148
ATRIUM-10A LTA	11	4
GE12-417% U-235	12	40
GE12-412% U-235	12	150
<b>TOTAL PREVIOUS CYCLES =</b>		<b>368</b>

New Fuel Bundles to be Placed in Core for Cycle 14

<u>Bundle Design</u>	<u>Reload</u>	<u>Quantity</u>
GE12-407% U-235 (14 Gd pins)	13	92
GE12-407% U-235 (17 Gd pins)	13	100
<b>TOTAL CYCLE 14 =</b>		<b>192</b>
<b>TOTAL CORE (368 + 192) =</b>		<b>560</b>