



August 16 , 2000
JPN-00-029

U. S. 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
**Correction to Proposed Change to the Technical Specifications
Regarding Minimum Critical Power Ratio Safety Limit (JPTS-00-002)**

Reference: 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)

Dear Sir:

The Authority has identified errors associated with the cover letter and attachment II of the referenced document. Specifically, In the cover letter, the last sentence of the first paragraph should have been deleted, an unrelated change to a Technical Specification (TS) bases was not submitted. Within attachment II of the referenced submittal, page 1 of 4, the words "Page 254c" was omitted from section I, in the last sentence of section II the number associated with "Cycle 14" should have read "Cycle 15", and the second sentence of paragraph 2, of section III, the number 9 was omitted following the word "Reference". Also, on Page 4 of 4 of attachment II the date associated with Reference 6 should read "11/25/98" not "112/25/98". The corrected pages to attachment II of the referenced submittal are attached.

A report was entered into the FitzPatrick plant's corrective action program to document the errors in the submittal. There are no new commitments made by the authority in this letter. The Authority regrets any inconvenience that these errors may have caused. If you have any questions, please contact Ms. C. D. Faison.

Very truly yours,

A handwritten signature in black ink, appearing to read 'J. Knubel', written over a large, stylized, handwritten 'A'.

J. Knubel
Senior Vice President and
Chief Nuclear Officer

A001

att: as stated

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

Office of the Resident Inspector
U. S. Nuclear Regulatory Commission
P.O. Box 136
Lycoming, NY 13093

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

Mr. F. William Valentino, President
New York State Energy, Research and Development Authority
Corporate Plaza West
286 Washington Avenue Extension
Albany, NY 12203-6399

Attachment to JPN-00-029

CORRECTED PAGES TO ATTACHMENT II OF JPN-00-023

(JPTS-00-002)

New York Power Authority
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
Docket No. 50-333
DPR-59

SAFETY EVALUATION

Page 1 of 4

I. DESCRIPTION

The following change deletes a note which will allow TS Section 1.1.A, regarding the Safety Limit Minimum Critical Power Ratio (SLMCPR), to be applicable beyond Cycle 14. TS Section 1.1.A is currently only applicable for Cycle 14.

Page 7 Delete the note at the bottom of the page. It currently reads:

"NOTE: TS 1.1.A is applicable for Cycle 14 only."

Page 254c The following change updates the applicable revision to the GESTAR document (Reference 7).

1. "General Electric Standard Application for Reload Fuel," NEED-24011-P-A-14, June 2000.

II. PURPOSE OF THE PROPOSED CHANGE

A cycle specific evaluation has been performed by General Electric (GE). The results of this evaluation show that the current SLMCPR is conservative and remains applicable through Cycle 15.

III. SAFETY IMPLICATIONS OF THE PROPOSED CHANGE

In 1996, GE informed utilities that under some conditions the generically calculated SLMCPR can be non-conservative. Based upon a discussion with the NRC on this issue, the Authority added a note to TS Section 1.1.A (JAFP-96-0449, Reference 1) to support the issuance of Amendment 238 (Reference 2). As a result of this note being added, a validation or re-calculation of the SLMCPR is required each cycle. Reference 3 is a 10 CFR 21 notification made by GE identifying the problem with the generic method of the SLMCPR calculation.

In Reference 4, GE reports a generic calculation of the SLMCPR for GE 12 fuel. This value was found to be applicable for Cycles 13 and 14 (Reference 5 and 6). The Cycle 15 SLMCPR was determined using the analysis basis documented in GESTAR (Reference 7), and as explicitly approved by NRC in Reference 9. The results of that analysis, Reference 8, show that the generic value of 1.09 bounds the cycle-specific value calculated for Cycle 15. The current SLMCPR value is retained for use in Cycle 15 and in future cycles as will be determined using the approved methodology.

Since the NRC approved General Electric methodology for calculating the SLMCPR, Reference 9, it is appropriate to delete the note as discussed above on the basis that the SLMCPR for future cycles will be assessed and Technical Specifications amended as appropriate per that methodology.

Attachment II to JPN-00-023

SAFETY EVALUATION

Page 4 of 4

5. General Electric Report, Supplemental Reload Licensing Report for James A. FitzPatrick Reload 12 Cycle 13, J11-02914SRL, Rev. 0, dated August, 1996
6. NRC Letter to J. Knubel, Issuance of Amendment for JAFNPP (TAC MA2418), dated 11/25/98
7. General Electric Standard Application for Reactor Fuel, NEDE-24011-P-A-14, dated June 2000
8. General Electric Letter A. Alzaben to P. Lemberg, "SLMCPR Submittal for FitzPatrick Reload 14/Cycle 15," dated June 30, 2000
9. NRC Letter F. Astulewicz to G. Watford (GE), "Acceptance for Referencing of Licensing Topical Reports...and Amendment 25 to NEDE-24011-P-A on Cycle-Specific Safety Limit MCPR," dated March 11, 1999