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SUBJECT: Forwards revised proposed amend 199 to license NPF-14,
revising TS to include changes to MCPR safety limit values,
addition of methodology refs in Section 6.9.3.2 & associated
bases changes.

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MAY 28 1996

U. S. Nuclear Regulatory Commission
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**SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENT NO. 199 TO LICENSE NO. NPF-14:
ANFB CRITICAL POWER CORRELATION, MCPR SAFETY LIMITS
AND METHODOLOGY TO SUPPORT LEAD USE ASSEMBLIES
PLA-4466**

FILES R41-1/A17-2

Docket No. 50-387

Reference: 1.) PLA-4348, R.G. Byram to U.S. NRC, "Request for Review of Topical Report PL-NF-90-001, Supplement 2," dated August 1, 1995.

2.) U.S. NRC to R.G. Byram, "Request for Additional Information Related to the Request by Pennsylvania Power and Light Company for Approval of Fuel Topical Report TR PL-NF-90-001, Supplement 2, "Application of Reactor Analyses Methods for BWR Design & Analysis,"" (TAC Nos. M93267 and M93268), dated 12/5/95.

3.) PLA-4404, R.G. Byram to U.S. NRC, "Response to Request for Additional Information Related to the Request for Approval of Fuel Topical Report TR PL-NF-90-001, Supplement 2, "Application of Reactor Analyses Methods for BWR Design and Analysis,"" dated January 22, 1996.

4.) PLA-4464, R. G. Byram to U.S. NRC, "Proposed Amendment No. 157 to License NPF-22: "ANFB Critical Power Correlation and MCPR Safety Limits,"" dated May 20, 1996.

This letter proposes changes to the Susquehanna Steam Electric Station Unit 1 Technical Specifications. These changes stem from proposed changes in the Critical Power Correlation used to compute the Minimum Critical Power Ratio (MCPR) to substitute the ANFB Critical Power Correlation in place of the XN-3 correlation currently used, as documented in Reference 1. This proposed amendment includes changes to the MCPR Safety Limit values, the addition of methodology references in Section 6.9.3.2, and associated Bases changes.

In addition, PP&L is planning to insert four ABB SVEA-96+ Lead Use Assemblies (LUAs) into the Unit 1 Cycle 10 core during the fall of 1996. This proposed amendment also adds the ABB licensing methodology report (CENPD-300) to section 6.9.3.2. Adding this reference to the

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Technical Specifications will allow the use of the ABB methodology to demonstrate that all applicable licensing requirements are met.

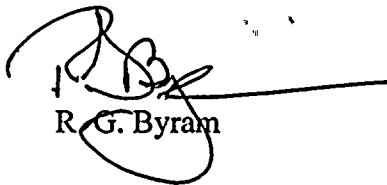
Enclosure A to this letter is the "Safety Assessment" supporting this change. Enclosure B to this letter is the "No Significant Hazards Considerations" evaluation performed in accordance with the criteria of 10 CFR 50.92. The proposed changes have been approved by the Susquehanna SES Plant Operations Review Committee and reviewed by the Susquehanna Review Committee.

Enclosure C to this letter is the current pages of the Susquehanna SES Unit 1 Technical Specifications marked to show the proposed changes.

It is PP&L's belief that NRC approval of these proposed changes can be tied directly to the approval of the associated Topical Reports (similar to Reference 4), since these changes are simply the incorporation of the described Topical Reports (by reference) and the MCPR Safety Limit associated with the new Critical Power Correlation. These proposed changes are incorporated into the reload design for the upcoming Unit 1 Refueling and Inspection Outage, and as such, PP&L requests that NRC complete its review of this change prior to September 7, 1996 in order to support our currently scheduled implementation schedule.

- Any questions regarding this request should be directed to Mr. Andrew K. Maron at (610) 774-7727.

Very truly yours,



R. G. Byram

Attachments

- copy: NRC Region I
Mr. C. Poslusny, Jr., NRC Sr. Project Manager - OWFN
Ms. M. Banerjee, NRC Sr. Resident Inspector - SSES
Mr. W. P. Dornsife, Pa. DEP