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SUBJECT: Forwards application for proposed amend 203 to license
 NPF-14, incorporating long term plant stability solution into
 Tech Specs, per final response to GL 94-02.

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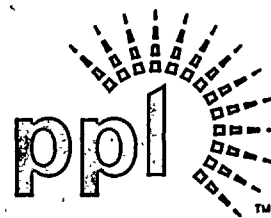
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**SUSQUEHANNA STEAM ELECTRIC STATION
REVISION TO PROPOSED AMENDMENT NO. 203 TO
LICENSE NPF-14:
FINAL RESPONSE TO GL 94-02: LONG-TERM
STABILITY SOLUTION
PLA-4789**

FILES R41-2/A17-2

Docket No. 50-387

- References:*
- 1) PLA-4488, "Proposed Amendment No. 203 to License NPF-14 and No. 161 to License NPF-22 : Conversion of the SSES Technical Specifications to the ISTS NUREG 1433," August 1, 1996.
 - 2) PLA-4394, R.G. Byram to USNRC, "Revised Response to GL 94-02: Long Term Stability Solution," dated 12/15/95.

The purpose of this letter is to submit a revision to the changes proposed to the SSES Technical Specifications that are related to conversion to the Improved Technical Specifications (ITS) (Reference 1). The proposed revision incorporates the long term SSES stability solution into SSES Technical Specifications. The attached proposed Technical Specification changes are submitted in the Standard Technical Specification Format of NUREG 1433. The changes to the Improved Technical Specifications include a new Section 3.3.1.3 to be entitled "Oscillation Power Range Monitoring (OPRM) Instrumentation" and revisions to 3.4.1 "Recirculation Loops Operating" to remove the specifications related to current stability specifications which will no longer be required.

Presently, SSES is operating under Interim Corrective Actions (ICAs) defined in Technical Specification Section 3.4.1 that define restrictions to plant operation and define operator response to instability events. These actions are the interim actions accepted by the NRC for core protection until a permanent protection system is installed. The ICAs were included in the proposed SSES Improved Technical Specification (ITS) submittal of 8/1/96.

Reference 2 proposed to disable the OPRM system RPS Trip function and declare the system operational to allow monitoring of the system's operation for one complete fuel cycle. The SSES

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schedule for enabling the OPRM system RPS trip function and declaring the system operational (accounting for the one complete monitoring cycle) was to be the end of the U1-10RIO (second quarter 1998) and U2-9RIO (fourth quarter 1998).

On 8/1/96, SSES submitted amendment requests (Reference 1) to revise the Unit 1 and Unit 2 SSES Technical Specifications to be consistent with NUREG-1433, "Standard Technical Specifications for General Electric Plants, BWR 4." The amendments also proposed to extend the required frequency of selected Surveillance Requirements to 24 months as needed to adopt a 24 month fuel cycle. The amendment is scheduled to be implemented prior to the end of the second quarter 1998. Implementation of the 24 month fuel cycle thus would delay enabling the OPRM system RPS trip function for Unit 2 until the second quarter 1999.

With implementation of ITS for Unit 1 to follow shortly after the U1-10RIO in the second quarter of 1998, PP&L proposes to implement these changes to the Unit 1 SSES Technical Specifications to include the OPRM system and associated changes no more than 120 days after implementation of the Improved Technical Specifications. This would allow for monitoring to collect Unit 1 startup data prior to implementation of the trip function. During the monitoring period, the OPRM system will be kept in "bypassed" mode.

Unit 2 proposed changes will be submitted at a later time to coincide with implementation on Unit 2 after the U2-9RIO (scheduled to be completed in the second quarter 1999). During the U2-9RIO, connections to the Unit 2 RPS will be made.

Attachment 1 presents the safety assessment for this change request. This assessment concludes that this change to the SSES Unit 1 Technical Specifications provides assurance that the safety limit for minimum critical power ratio (MCPR) is not violated.

Attachment 2 contains the "No Significant Hazards Considerations" and "Environmental Considerations" assessments. The "No Significant Hazards Considerations" assessment concludes that the proposed Improved Technical Specification changes do not involve an increase in the probability or consequences of an accident previously evaluated; do not create the possibility of a new or different kind of accident from any accident previously evaluated; and do not involve a reduction in the margin of safety. The "Environmental Considerations" assessment concludes that the change conforms to the criteria for actions eligible for categorical exclusion as specified in 10 CFR 51.22(c)(9), and will not impact the environment.

Attachment 3 contains the new section 3.3.1.3 and the revised section 3.4.1 for Unit 1 Improved Technical Specifications. Bases sections are also provided.

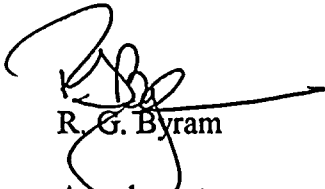
The new section 3.3.1.3 has been developed based on the format provided in the NRC approved Topical Report entitled "GENERIC TOPICAL REPORT FOR THE ABB OPTION III OSCILLATION POWER RANGE MONITOR (OPRM)" CENPD-400-P-A, REV 1.

Attachment 4 describes the degree to which the SSES design and implementation conforms to the applicable NRC approved generic topical reports and NRC safety evaluation report.

The proposed changes have been approved by the SSES Plant Operations Review Committee and reviewed by the Susquehanna Review Committee.

If you have any additional questions, please contact Mr. M. H. Crowthers at (610) 774-7766.

Sincerely,



R. G. Byram

Attachments

copy: NRC Region I
Mr. K. Jenison, NRC Sr. Resident Inspector
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