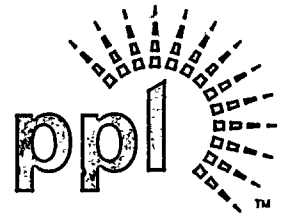




Robert G. Byram  
Senior Vice President  
Generation and Chief Nuclear Officer  
Tel. 610.774.7502 Fax 610.774.5019  
E-mail: rgbyram@papl.com

PP&L, Inc.  
Two North Ninth Street  
Allentown, PA 18101-1179  
Tel. 610.774.5151  
http://www.papl.com/



AUG 05 1998

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

**SUSQUEHANNA STEAM ELECTRIC STATION  
PROPOSED AMENDMENT NO. 186 TO LICENSE NPF-22:  
FINAL RESPONSE TO GL 94-02: LONG-TERM  
STABILITY SOLUTION  
PLA-4956**

**FILES R41-2/A17-2**

**Docket No. 50-388**

- References:* 1) PLA-4394, R.G. Byram to USNRC, "Revised Response to GL 94-02: Long Term Stability Solution," dated 12/15/95.  
2) PLA-4925, R.G. Byram to USNRC, "Final Response to GL 94-02: Long Term Stability Solution," dated 6/19/98.

The purpose of this letter is to submit proposed changes to the SSES Unit 2 Technical Specifications. The proposed changes incorporate the long term SSES stability solution into SSES Technical Specifications. The attached proposed changes to the 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 current specifications related to thermal hydraulic stability which will no longer be required.

Reference 2 provided a similar set of proposed changes to support implementation of the OPRM on SSES Unit 1.

Attachment 1 presents the safety assessment for this change request. This assessment concludes that the proposed changes to the SSES Unit 2 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 Assessment." The "No Significant Hazards Considerations" analysis concludes that the proposed Technical Specification changes do not involve a significant 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 significant reduction in the margin of safety. The "Environmental 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. Add 1

9808200081 980805  
PDR ADDCK 05000388  
P PDR



Attachment 3 contains the new section 3.3.1.3 and the revised section 3.4.1 for Unit 2 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.

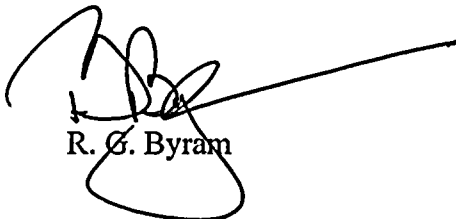
### IMPLEMENTATION

Reference 1 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 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 Unit 2 9<sup>th</sup> RIO (fourth quarter 1998) which was based on operation on an 18 month fuel cycle. SSES Unit 2 now operates on a 24-month fuel cycle. The Unit 2 9<sup>th</sup> RIO is now scheduled to occur during the second quarter 1999. Therefore, the Unit 2 OPRM system RPS trip function is now planned to be enabled after taking data during startup from that outage.

In order to support our planning for the Unit 2 9<sup>th</sup> RIO, it is requested that the NRC review and approve this proposed amendment by January 15, 1999. It is further requested that this approval be conditioned to become effective no later than 90 days after startup from the Unit 2 9<sup>th</sup> RIO.

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  
Mr. V. Nerses, NRC Sr. Project Manager  
Mr. K. Kerns, Pennsylvania DEP/BRP



24