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SUBJECT: Forwards application for amend to license NPF-22, changing TS table 3.3.5.1-1, "ECCS Instrumentation," by updating allowable values for both CS & LPCI reactor steam dome pressure-low functions.

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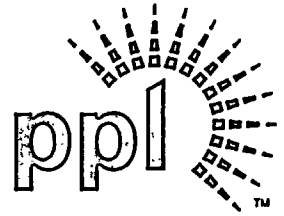
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**SUSQUEHANNA STEAM ELECTRIC STATION  
PROPOSED AMENDMENT NO. 185 TO LICENSE NPF-22:  
REACTOR STEAM DOME PRESSURE-LOW ALLOWABLE VALUE  
PLA-4955**

**Docket Nos. 50-387  
and 50-388**

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

*Reference 1) PLA-4856, "Revision to Proposed Amendment No. 203 to License NPF-14 and No. 161 to License NPF-22: Conversion of the SSES Technical Specifications to the Improved Standard Technical Specifications, NUREG 1433", dated 3/2/98.*

The purpose of this letter is to propose a change to the Allowable Values listed in the Unit 2 Susquehanna Steam Electric Station (SSES) Technical Specifications Table 3.3.5.1-1 "Emergency Core Cooling System Instrumentation". This change updates the allowable values for both the Core Spray (CS) and Low Pressure Coolant Injection System (LPCI) Reactor Steam Dome Pressure-Low functions. The new values reflect an enhancement modification scheduled to be installed on Unit 2 during the Unit 2 9<sup>th</sup> refueling and inspection outage (RIO) scheduled for the second quarter 1999. The instrumentation senses reactor pressure and signals the CS and LPCI injection valves to open during a LOCA. The currently installed instrumentation performs the same function but has been determined to need replacement in order to better control to a more restrictive allowable value range.

The need for this proposed change was identified during the development of the SSES Improved Technical Specifications as discussed in reference 1. The corresponding Unit 1 modification and proposed Technical Specification change will be submitted at a later date to correspond to implementation of the Unit 1 changes during the Unit 1 refueling and inspection outage scheduled for spring 2000.

Attachment 1 presents the safety assessment for the change request. This assessment concludes that this change to the SSES Unit 2 Technical Specifications enhances the assurance that the CS and LPCI systems are capable of performing their design basis LOCA function.

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Attachment 2 contains the "No Significant Hazards Considerations" and "Environmental Considerations" assessments. The "No Significant Hazards Considerations" assessment concludes that the proposed Technical Specification change does not involve a significant increase in the probability or consequences of an accident previously evaluated; does not create the possibility of a new or different kind of accident from any accident previously evaluated; and does not involve a significant 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 marked-up pages from the Unit 2 Technical Specifications and bases to illustrate the proposed changes.

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

### IMPLEMENTATION

PP&L is requesting approval of this proposed change so that implementation of the proposed changes can take affect at the conclusion of the Unit 2 9<sup>th</sup> RIO scheduled for Spring 1999. In order to support our planning for this outage, it is requested that the NRC review and approve this proposed amendment by January 15, 1999. It is further requested that the changes be conditioned to become effective upon startup after the Unit 2 9<sup>th</sup> RIO.

If you have any 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



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