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U.S. Nuclear Regulatory Commission
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Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
REVISION TO PROPOSED AMENDMENT NO. 185
TO LICENSE NPF-22 : REACTOR STEAM DOME
PRESSURE-LOW ALLOWABLE VALUE
PLA-4992**

Docket Nos. 50-387
and 50-388

Reference 1) PLA-4955, R.G. Byram to USNRC, "Proposed Amendment No. 185 to License NPF-22 Reactor Steam Dome Pressure - Low Allowable Value", dated 8/5/98.

The purpose of this letter is to supplement and revise the referenced proposed amendment request which changes 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 proposed amendment reflects an enhancement modification scheduled to be installed on Unit 2 during the Unit 2 9th refueling and inspection outage in the second quarter 1999. The affected 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 supplemental information provided herein provides the information requested during the 9/30/98 teleconference held between NRC (Victor Nerses, Dan Collins et. al) and PP&L, Inc. (Michael Crowthers, Joe Suarez-Murias and John Schleicher). The supplemental information is provided in Attachment 1.

Subsequent to the 9/30/98 teleconference, PP&L, Inc. determined that a revision to the allowable values submitted in reference 1 is necessary. The revised values are reflected in the revised Safety Assessment contained in Attachment 2 and in the updated Technical Specification markup's provided in Attachment 3.

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This revision is deemed necessary to implement comprehensively the methodology of GENEDC-31336. The allowable values submitted in reference 1 were based on assuring SSES as-found tolerance limits were enveloped. Upon further review of the calculation, it was determined that more conservative allowable values based on loop and channel calibration limits is appropriate. Thus the revised allowable values reflected herein are based on the more conservative calculation method. A Condition Report has been generated to evaluate and recommend corrective actions to prevent recurrence.

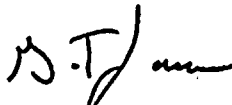
The "No Significant Hazards Considerations" and "Environmental Considerations" assessments contained in reference 1 are unaffected by the revision and are included in Attachment 4 for your information.

Attachment 5 contains "camera ready" versions of the affected Technical Specification pages.

PP&L is requesting approval of this proposed change so that implementation of the proposed changes can take affect 30 days after startup from the Unit 2 9th RIO currently scheduled for spring 1999.

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

Sincerely,



G. T. Jones

Attachments

copy: NRC Region I
Mr. S.L. Hansell, NRC Acting Sr. Resident Inspector
Mr. V. Nerses, NRC Sr. Project Manager
Mr. K. Kerns, Pennsylvania DEP/BRP