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JAN 28 2003

U. S. Nuclear Regulatory Commission
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Mail Stop OP1-17
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
SUPPLEMENTAL INFORMATION FOR
PROPOSED AMENDMENT NO. 211 TO UNIT 2
LICENSE NPF-22: MCPR SAFETY LIMITS
AND REFERENCE CHANGES
PLA-5586**

Docket No. 50-388

- Reference: 1) PLA-5467, R. L. Anderson (PPL) to USNRC, "Proposed Amendment No. 211 to Unit 2 License NPF-22: MCPR Safety Limits and Reference Changes", dated July 17, 2002.*
- 2) PLA-5520, B. L. Shriver (PPL) to USNRC, "Supplement to Proposed Amendment No. 211 to Unit 2 License NPF-22: MCPR Safety Limits and Reference Changes", dated October 30, 2002.*
- 3) PLA-5563, B. L. Shriver (PPL) to USNRC, "Request for Additional Information for Proposed Amendment No. 211 to Unit 2 Licensing NPF-22: MCPR Safety Limits and Reference Changes", dated December 18, 2002.*

The purpose of this letter is to provide supplemental information necessary for the NRC staff to complete its review of the license amendment proposed in Reference 1 as supplemented by References 2 and 3. The information provided was discussed via telecon between PPL and NRC on January 15, 2003.

Proposed Amendment No. 211 identified changes to the Unit 2 Cycle 12 (U2C12) MCPR Safety Limits in Technical Specification (TS) Section 2.1.1.2, changes to the list of approved methods in TS Section 5.6.5.b, and a change to the Design Features in TS Section 4.2.1 (Reference 1).

A-501

Reference 1 proposed inclusion of a new approved method (EMF-2158.b.13(P)(A)). PPL proposed inclusion of this NRC approved method in Section 5.6.5.b.13 of the PPL Technical Specifications to allow for its use in calculating MCPR Operating Limits in licensing analyses for the Unit 2 Cycle 12 reload. The methods therein are alternative methods to a subset of those in Technical Specification Section 5.6.5.b.1 (PL-NF-90-001-A). Both of these methods are approved for use to determine the MCPR limit.

Technical Specification Section 5.6.5.b.1 contains NRC approved methods that allow PPL to perform Core Shutdown Margin and steady-state and transient licensing analyses.

TS 5.6.5.b.13 contains methods that would allow Framatome (PPL's fuel vendor) to perform some of the steady-state licensing analyses, such as the Rod Withdrawal Error event, Fuel Loading Error, and Loss of Feedwater Heating analyses.

PPL proposes to include TS 5.6.5.b.13 in addition to the existing TS 5.6.5.b.1 in order to have the ability to utilize the methods in either report. This flexibility allows PPL to determine the most efficient and effective use of our resources.

PPL has also confirmed that the two Caldon reports referenced in the TS (5.6.5.b.10 and 5.6.5.b.11) are utilized in the MCPR core operating limit calculations.

Should you have any questions or require additional information, please contact Mr. Michael Crowthers at (610) 774-7766.

Sincerely,



B. L. Shriver

Attachments: Affidavit

cc: NRC Region I
Mr. D. J. Allard, PA DEP
Mr. T. G. Colburn, NRC Sr. Project Manager
Mr. S. Hansell, NRC Sr. Resident Inspector
Mr. R. Janati, DEP/BRP

**BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION**

In the Matter of

:

PPL Susquehanna, LLC:

Docket No. 50-388

**SUPPLEMENTAL INFORMATION REGARDING
PROPOSED AMENDMENT NO. 211 TO UNIT 2
LICENSE NPF-22: MCPR SAFETY LIMITS
AND REFERENCE CHANGES**

Licensee, PPL Susquehanna, LLC, hereby files a revision to its Facility Operating License No. NPF-22 dated March 23, 1984.

This amendment involves a revision to the Susquehanna SES Unit 2 Technical Specifications.



PPL Susquehanna, LLC

By:

B. L. Shriver

Senior Vice-President and Chief Nuclear Officer

Sworn to and subscribed before me
this 28th day of January, 2003.

Notary Public

Notarial Seal
Nancy J. Lannen, Notary Public
Allentown, Lehigh County
My Commission Expires June 14, 2004