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February 5, 2001

**NOTE:**

**THIS DOCUMENT CONTAINS  
INFORMATION TO BE WITHHELD IN  
ACCORDANCE WITH 10 CFR 2.790**

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station OP1-17  
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION  
REVISED SUBMITTAL OF PROPOSED  
AMENDMENT NO. 235 TO LICENSE NPF-14  
AND PROPOSED AMENDMENT  
NO. 200 TO NPF-22: POWER UPRATE  
PLA-5276**

**Docket No. 50-387  
50-388**

- Reference:*
1. *PLA-5213, Submittal of Supplement Engineering Report-157P, To Topical Report ER-80P in Support of a Planned Power Uprate Technical Specification Change Request", dated July 13, 2000.*
  2. *PLA-5212, "Proposed Amendment No. 235 to License NPF-14 and Proposed Amendment No. 200 to NPF-22: Power Uprate", dated October 30, 2000.*

The purpose of this letter is to revise the submittals contained in References 1 and 2. References 1 and 2 proposed changes to the Susquehanna Steam Electric Station Unit 1 and Unit 2 Technical Specifications. The change proposed in the references entails a power uprate justified as a result of a plant modification that will install the Caldon LEFM✓™ feedwater flow element. The LEFM✓™ provides improved feedwater flow measurement accuracy and thus improved operating power level certainty.

The changes made in this revised submittal are as follows:

- (1) Attachment 1 of Reference 2 has been revised to include PPL Technical Specification submittals contained in the following letters:

PLA-5228, Proposed Amendment No. 234 TO License NPF-14: and  
Proposed Amendment No. 199 to Licence NPF-22: Vacuum Breaker  
Setpoints, dated November 28, 2000.

AP01

PLA-5258, Proposed Amendment No. 198 to License NPF-22: RHR Relief Valve Line Leak Testing, dated November 28, 2000.

PLA-5257, Proposed Amendment No. 236 to License NPF-21 and Proposed Amendment No. 201 to License NPF-22 Elimination of Response Time Testing, dated November 16, 2000.

Attachment 1 herein reflects this revision.

- (2) As indicated in the references, SSES will be installing the LEFM✓™ system to support a 1.4% increase in rated thermal power level. The topical report currently invoked in the references, Engineering Report-157 "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM✓™ or LEFM✓+™ System" Rev. 0 evaluates two systems, the LEFM✓™ system and the LEFM✓+™ system.

Recently, PPL has been made aware that Topical Report ER-160P, Revision 0, 'Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM✓™ System' that only evaluates the LEFM✓™, is available and has been reviewed by the NRC pursuant to a Watts Bar 1.4% power uprate.

PPL has reviewed this topical and found it to be applicable to SSES.

Based on the above, PPL requests that NRC consider the attached Topical Report ER-160 instead of the currently referenced Engineering Report-157 "Supplement to Topical Report ER-80P: Basis for a Power Uprate with the LEFM✓™ or LEFM✓+™ System" Revision 0 since it more specifically applies to the PPL installation.

Attachment 2 contains a revised Safety Assessment reflecting this change.

Attachments 8, 9, 10, and 11 also reflect this change in the Technical Specification Markup pages and Camera Ready pages previously provided in Reference 2.

A proprietary version of the ER-160P report is included in Attachment 3. As this Topical contains information proprietary to Caldon, it is supported by an affidavit signed by Caldon, the owner of the information. The affidavit sets forth the basis on which the information may be withheld

from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of 10 CFR 2.790 of the Commission's regulations.

The Caldon Application for Withholding, CAW-01-02, Accompanying Affidavit, and Proprietary Information Notice is enclosed.

Accordingly, it is respectfully requested that the information which is proprietary to Caldon be withheld from public disclosure in accordance with 10 CFR 2.790 of the Commission's regulations. Correspondence with respect to the proprietary aspects of the Application for Withholding or the supporting Caldon affidavit should reference CAW-01-02 and should be addressed to Calvin R. Hastings, President and CEO, Caldon Incorporated, 1070 Banksville Avenue, Pittsburgh, Pennsylvania 15216.

A nonproprietary version of ER-160 is included in Attachment 4.

- (3) Reference 2 transmitted PPL Licensing Topical Report NE-2000-001 "Power Uprate Resulting from Increased Feedwater Measurement Accuracy" Revision 0. Attachment 5 is a revised topical report. This report has been revised for two reasons. The first is to identify certain portions of the report as proprietary. The Contents of these sections is unchanged. The second is to revise section 1.1 of the report to assure that the power level assumed is clearly delineated for accident, transient, normal operating conditions and offsite radiological consequences analyses.

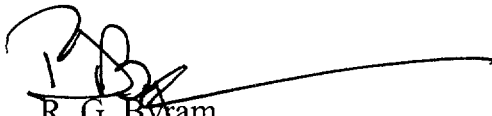
A proprietary version is included in Attachment 4 which is supported by an affidavit also included in Attachment 4. A non-proprietary version of this report is included in Attachment 6.

The No Significant Hazards Consideration and Environmental Assessment provided in Reference 2 is unaffected by the above described changes and is included herein in Attachment 7 for completeness.

PPL plans to implement the proposed changes by June 1, 2001 on Unit 2 and April 30, 2002 on Unit 1. Therefore, we request the proposed changes to be effective on May 1, 2001.

Any questions regarding this request should be directed to Mr. M. H. Crowthers at  
(610) 774-7766.

Sincerely,



R. G. Byram

Attachments

copy: NRC Region 1  
Mr. R. G. Schaaf, NRC – Sr. Project Manager  
Mr. S. L. Hansell, NRC Sr. Resident Inspector  
Mr. W. P. Dornsife, PA DEP

**AFFIDAVIT OF ROBERT G. BYRAM**

I, Robert G. Byram, Sr. Vice President and Chief Nuclear Officer of PPL Susquehanna, LLC ("PPL"), do hereby affirm and state:

1. I am an officer of PPL authorized to execute this affidavit on its behalf. I am further authorized to review information submitted to the Nuclear Regulatory Commission and apply for the withholding of information from disclosure.

2. PPL requests that certain portions of the document attached hereto "Susquehanna Steam Electric Station Units 1 and 2 Licensing Topical Report for Power Uprate Resulting from Increased Feedwater Flow Measurement Accuracy" be withheld from public disclosure under the provisions of 10 C.F.R. 2.790(a)(4). A copy of the document indicating the portions sought to be withheld is also attached.

3. The "Susquehanna Steam Electric Station Units 1 and 2 Licensing Topical Report for Power Uprate Resulting from Increased Feedwater Flow Measurement Accuracy" contains confidential commercial information that should be withheld under 10 C.F.R. 2.790(a).

4. This information has been held in confidence by PPL. To the extent that PPL has shared this information with others, it has done so on a confidential basis.

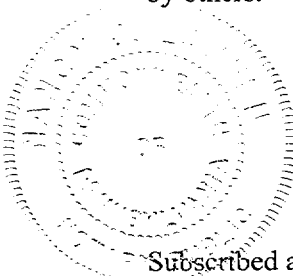
5. There is a rational basis for holding this information in confidence. The "Susquehanna Steam Electric Station Units 1 and 2 Licensing Topical Report for Power Uprate Resulting from Increased Feedwater Flow Measurement Accuracy" contains commercially sensitive information which requires protection in connection with PPL's commercial position in the competitive electric utility industry.

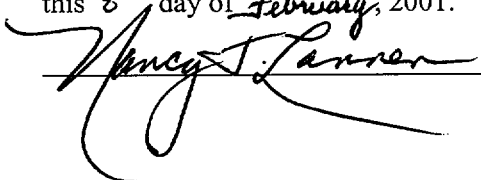
6. This information is customarily held in confidence by PPL in order to protect its competitive position in the marketplace. It is not available from public sources and could not be gathered readily from other publicly available information.

7. Public disclosure of this information would cause substantial harm to the competitive position of PPL. The information contained in the document is valuable to PPL. A significant amount of effort and money was expended to develop the information and it cannot be easily acquired or duplicated by others.

PPL SUSQUEHANNA, LLC

  
Robert G. Byram

  
Subscribed and sworn before me,  
a Notary Public in and for the  
Commonwealth of Pennsylvania  
this 8<sup>th</sup> day of February, 2001.

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