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 WITH. NAME AUTHOR AFFILIATION
 AM, R.G. Pennsylvania Power & Light Co. *see above Proposed changes to TS*
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SUBJECT: Proposes changes to plant Unit 2 TS re scheduled use Siemens Power Corp ATRIUM-10 fuel.

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MAR 12 1997

U. S. Nuclear Regulatory Commission
Attn.: Document Control Desk
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**SUSQUEHANNA STEAM ELECTRIC STATION
ADDENDUM TO PROPOSED AMENDMENT NO. 166
TO LICENSE NPF-22: REVISED ANFB METHODOLOGY
AND CORE FLOW DEPENDENT MCPR SAFETY LIMITS
PLA-4582**

FILES R41-1/A17-2

Docket No. 50-388

References:

1. PLA-4527, "Proposed Amendment No. 166 to License NPF-22: Unit 2 Technical Specification Changes for ATRIUM™-10 Fuel," December 18, 1996.
2. PLA-4572, "Correction to Proposed Amendment No. 166 to License NPF-22: Unit 2 Technical Specification Changes for ATRIUM™-10 Fuel," February 26, 1997.
3. EMF-97-010, Rev. 1, "Application of ANFB to ATRIUM™-10 for Susquehanna Reloads," March 1997.

The purpose of this letter is to propose changes to the Susquehanna Steam Electric Station Unit 2 Technical Specifications. References 1 and 2 describe proposed changes to the Unit 2 Technical Specifications related to the scheduled use of Siemens Power Corporation (SPC) ATRIUM™-10 fuel. This proposed change entails the inclusion of Reference 3 in Section 6.9.3.2 and the inclusion of core flow dependent MCPR Safety Limits in Sections 2.1.2 and 3.4.1.1.2 (generated using the Reference 3 methodology). Reference 3 describes a new, more conservative, Susquehanna specific methodology for the application of ANFB to analyze ATRIUM™-10 fuel. Associated BASES changes are also included.

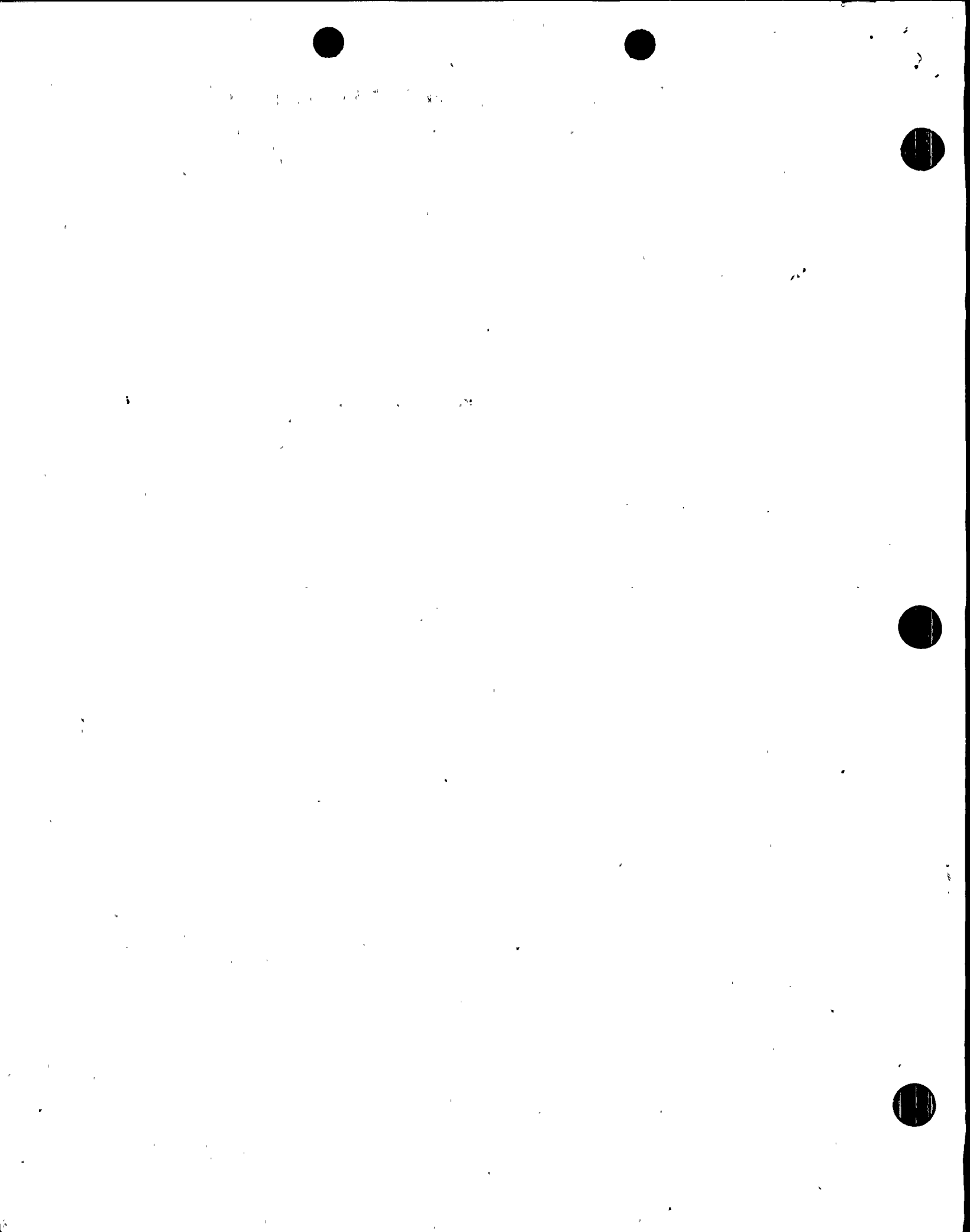
This proposed change also corrects a typographical error in proposed Reference # 30 (Section 6.9.3.2) identified in Reference 2.

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Enclosure A to this letter is the "Safety Assessment" supporting this change. Enclosure B is the "No Significant Hazards Considerations" evaluation performed in accordance with the criteria of 10 CFR 50.92.

Enclosure C to this letter contains the applicable pages of the Susquehanna SES Unit 2 Technical Specifications as proposed by References 1 and 2, marked to show the proposed changes as well as the associated BASES changes.

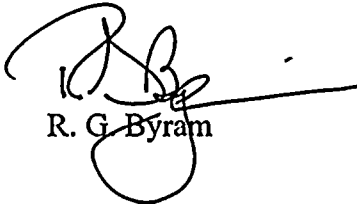
Enclosure D is the SPC report EMF-97-010, Rev. 1. The information contained in this report is of the type that Siemens Power Corporation maintains in confidence and withholds from the public disclosure. It has been handled and classified as proprietary as indicated in the attached affidavit. PP&L requests that SPC Report EMF-97-010 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.790.

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

PP&L plans to implement the proposed changes in April 1997 to support Cycle 9 operation. Therefore, we request NRC complete its review of this change request by April 14, 1997 to support our scheduled implementation dates.

Any questions regarding this request should be directed to Mr. A. K. Maron at (610) 774-7727.

Very truly yours,



R. G. Byram

Attachments

copy: NRC Region I
Mr. C. Poslusny, Jr., NRC Sr. Project Manager - OWFN
Mr. K. M. Jenison, NRC Sr. Resident Inspector - SSES
Mr. W. P. Dornsife, Pa. DEP

6. The Document contains information which is vital to a competitive advantage of SPC and would be helpful to competitors of SPC when competing with SPC.

7. The information contained in the Document is considered to be proprietary by SPC because it reveals certain distinguishing aspects of SPC licensing methodology which secure competitive advantage to SPC for fuel design optimization and marketability, and includes information utilized by SPC in its business which affords SPC an opportunity to obtain a competitive advantage over its competitors who do not or may not know or use the information contained in the Document.

8. The disclosure of the proprietary information contained in the Document to a competitor would permit the competitor to reduce its expenditure of money and manpower and to improve its competitive position by giving it valuable insights into SPC licensing methodology and would result in substantial harm to the competitive position of SPC.

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12. Information in this Document provides insight into SPC licensing methodology developed by SPC. SPC has invested significant resources in developing the methodology as well as the strategy for this application. Assuming a competitor had available the same background data and incentives as SPC, the competitor might, at a minimum, develop the information for the same expenditure of manpower and money as SPC.

THAT the statements made hereinabove are, to the best of my knowledge,
information, and belief, truthful and complete.

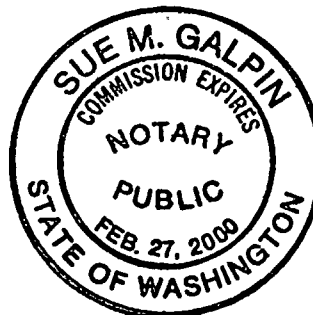
FURTHER AFFIANT SAYETH NOT.

H. D. [Signature]

SUBSCRIBED before me this 10th
day of March, 1997.

Sue M. Galpin

Sue M. Galpin
NOTARY PUBLIC, STATE OF WASHINGTON
MY COMMISSION EXPIRES: 2/27/00





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