CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9703190239 DOC.DATE: 97/03/12 NOTARIZED: YES DOCKET #
FACIL:50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
AUTH.NAME AUTHOR AFFILIATION
[illegible]AM,R.G. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

Proposed changes to TS

SUBJECT: Proposes changes to plant Unit 2 TS re scheduled use Siemens Power Corp ATRIUM-10 fuel.

DISTRIBUTION CODE: AP01D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 5+95
TITLE: Proprietary Review Distribution - Pre Operating License & Operating R

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	COPIES ENCL
	PD1-2 LA	1	1	PD1-2 PD	1	1
	POSLUSNY,C	1	1			
INTERNAL:	ACRS	1	1	FILE CENTER 01	1	1
	OGC/HDS2	1	0			
EXTERNAL:	NRC PDR	1	p w/out enc			

C A T E G O R Y 1 D O C U M E N T

NOTE TO ALL "RIDS" RECIPIENTS:
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM OWFN 5D-5(EXT. 415-2083) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 7 ENCL 6

PP&L Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram
Senior Vice President-Nuclear
610/774-7502
Fax: 610/774-5019

MAR 1 2 1997

U. S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

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.

change distribution: NRC PDR ltr and 1 1 w/o prop APD1 1/1

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

AFFIDAVIT

STATE OF WASHINGTON)
) ss.
COUNTY OF BENTON)

I, H. D. Curet, being duly sworn, hereby say and depose:

1. I am Manager, Product Licensing, for Siemens Power Corporation ("SPC"), and as such I am authorized to execute this Affidavit.

2. I am familiar with SPC's detailed document control system and policies which govern the protection and control of information.

3. I am familiar with the topical report EMF-97-010, Revision 1, entitled "Application of ANFB to ATRIUM™-10 for Susquehanna Reloads," referred to as "Document." Information contained in this Document has been classified by SPC as proprietary in accordance with the control system and policies established by SPC for the control and protection of information.

4. The Document contains information of a proprietary and confidential nature and is of the type customarily held in confidence by SPC and not made available to the public. Based on my experience, I am aware that other companies regard information of the kind contained in the Document as proprietary and confidential.

5. The Document has been made available to the U.S. Nuclear Regulatory Commission in confidence, with the request that the information contained in the Document will not be disclosed or divulged.

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.

9. The Document contains proprietary information which is held in confidence by SPC and is not available in public sources.

10. In accordance with SPC's policies governing the protection and control of information, proprietary information contained in the Document has been made available, on a limited basis, to others outside SPC only as required and under suitable agreement providing for nondisclosure and limited use of the information.

11. SPC policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

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.

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

SUE M. GALPIN
COMMISSION EXPIRES
NOTARY
PUBLIC
FEB. 27, 2000
STATE OF WASHINGTON