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

**SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENT NO. 256 TO UNIT 1
LICENSE NPF-14: MCPR SAFETY LIMITS
AND REFERENCE CHANGES
REVISED CORE COMPOSITION TABLE
PLA-5690**

Docket No. 50-387

Reference: 1) PLA-5638, B. L. Shriver (PPL) to USNRC Document Control Desk, "Proposed Amendment No. 256 to Unit 1 License NPF-14: MCPR Safety Limits and Reference Changes," dated July 01, 2003

The purpose of this letter is to provide the attached revision to the Unit 1 Cycle 14 Core Composition table originally submitted as Attachment 5 to Reference 1. This revision is necessary to address design changes related to control cell friction mitigation. These changes resulted in a net loss of full power capability, requiring an increase in the fresh reload batch fraction (from 276 to 280 assemblies) to maintain design cycle energy targets. A corresponding decrease (from 172 to 168 assemblies) is seen in the number of twice-burned assemblies.

This change was evaluated for its impact on the MCPR Safety Limit. As a result, there are no affects on the previous technical analysis, the regulatory analysis of the change (No Significant Hazards Consideration and the Applicable Regulatory Requirements), and the environmental considerations provided with the original submittal (Reference 1). The need for this change has also been discussed with the NRC Project Manager.

Any questions regarding this request should be directed to Mr. Duane L. Filchner at (610) 774-7819.

A-001

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 11/17/03


B. L. Shriver

Attachment:

Attachment 1 - Revised Description of U1C14 Core Composition

cc: NRC Region I
Mr. S. L. Hansell, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP

Attachment 1 to PLA-5690

REVISED

Unit 1 Cycle 14 Core Composition

Unit 1 Cycle 14 Core Composition

Assembly Type	Operational History	Number of Assemblies
FANP ATRIUM™-10	Fresh	280
FANP ATRIUM™-10	Once-burned	316
FANP ATRIUM™-10	Twice-burned	168