

Bryce L. Shriver
Senior Vice President and
Chief Nuclear Officer

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3120 Fax 570.542.1504
blshriver@pplweb.com



OCT 27 2003

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

**SUSQUEHANNA STEAM ELECTRIC STATION
SUPPLEMENTAL INFORMATION PURSUANT
TO DECOMMISSIONING REPORT OF
FINANCIAL ASSURANCE
PLA-5689**

**Docket Nos. 50-387
and 50-388**

References: 1) PLA-5596, B.L. Shriver (PPL) to USNRC, "Decommissioning Report of Financial Assurance," dated March 21, 2003.

This letter provides supplemental information requested in a teleconference held between PPL and NRC on October 22, 2003. This supplemental information was requested to support NRC's review of the PPL Susquehanna LLC decommissioning report of financial assurance submitted on March 21, 2003 [Reference 1].

During the teleconference, NRC requested PPL to provide additional information related to the SAFSTOR decommissioning option referenced in the Susquehanna NRC Decommissioning Funding Status Report of December 31, 2002.

The SAFSTOR decommissioning option was developed as part of a Susquehanna Site-Specific Decommissioning Cost Analysis and assumes site license termination 60 years after permanent cessation of operation of Unit 1. After final shutdown of Unit 1, the sequence of events leading to termination of the 10 CFR Part 50 license is assumed to be as follows:

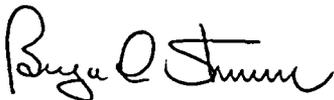
- 1.5 year transition into decommissioning and preparation for safe storage
- 52 year period of dormancy
- 1.5 year period of site reactivation and preparation for decommissioning
- 5 year period of decontamination and dismantlement culminating in license termination.

A001

These durations are rounded slightly and are for Unit 1. The Unit 2 durations are slightly less in some cases because of the later expected shutdown (about 20 months after Unit 1). However, license termination for both units still occurs 60 years after Unit 1 shutdown.

If you have any questions regarding our decommissioning report, please direct them to Mr. R. R. Sgarro, Manager - Nuclear Regulatory Affairs, at (610) 774-7552.

Sincerely,



B. L. Shriver

copy: NRC Region I
Mr. R. V. Guzman, NRC Project Manager
Mr. M. A. Dusaniwskyj, NRC
Mr. S. Hansell, NRC Sr. Resident Inspector
Mr. R. Janati, DEP/BRP