November 30, 1993

Docket Nos. 50-387 and 50-388



Mr. Robert G. Byram Senior Vice President-Nuclear Pennsylvania Power and Light Company 2 North Ninth Street Allentown, Pennsylvania 18101

Dear Mr. Byram:

SUBJECT: LICENSING TOPICAL REPORT FOR POWER UPRATE WITH INCREASED CORE FLOW, REVISION 0, SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 (PLA-3788) (TAC NOS. M83426 AND M83427)

Your letter of June 15, 1992, submitted "Licensing Topical Report NE-092-001, Revision 0, for Power Uprate With Increased Core Flow," for Susquehanna Steam Electric Station (SSES), Units 1 and 2. The report was submitted to support future proposed amendments to the Units 1 and 2 licenses to permit a 4.5-percent increase in reactor thermal power and an 8-percent increase in core flow for each unit. Your initial submittal was revised and supplemented by letters of July 24, September 17, and December 18, 1992, and January 8, January 25, April 2, August 5, August 12, and September 29, 1993.

As discussed in the enclosed safety evaluation, we have concluded that the revised (Revision 2) licensing topical report adequately supports your proposed power uprate. We have also concluded that SSES, Units 1 and 2, can operate safely with the proposed 8-percent increase in core flow, the proposed 4.5-percent increase in reactor thermal power, the corresponding 5-percent increase in main turbine inlet steam flow, and the corresponding increases in flows, temperatures, pressures, and capacities required in supporting systems and components at these uprated conditions. However, authorization for any increase in reactor thermal power will be based on our review of the technical specifications you will submit when you submit the amendment application.

		60026 Enclosure: Safety Evaluation			Fr Tho	Sincerely, Frank J. Miraglia Thomas E. Murley, Director Office of Nuclear Reactor Regulation					
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UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Senior Vice President-Nuclear
Pennsylvania Power and Light
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2 North Ninth Street
Allentown, Pennsylvania 18101

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Sincerely,

Grank V. Miradia

WThomas E Murley, Director Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

cc w/enclosure: See next page Mr. Robert G. Byram Pennsylvania Power & Light Company

cc:

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