





1950



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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

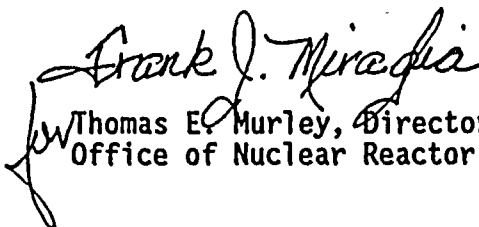
Dear Mr. Byram:

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.

Sincerely,

  
Thomas 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

Susquehanna Steam Electric Station,  
Units 1 & 2

cc:

Jay Silberg, Esq.  
Shaw, Pittman, Potts & Trowbridge  
2300 N Street N.W.  
Washington, D.C. 20037

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406

Bryan A. Snapp, Esq.  
Assistant Corporate Counsel  
Pennsylvania Power & Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Mr. Harold G. Stanley  
Vice President-Nuclear Operations  
Susquehanna Steam Electric Station  
Pennsylvania Power and Light Company  
Box 467  
Berwick, Pennsylvania 18603

Mr. J. M. Kenny  
Licensing Group Supervisor  
Pennsylvania Power & Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Mr. Herbert D. Woodeshick  
Special Office of the President  
Pennsylvania Power and Light Company  
Rural Route 1, Box 1797  
Berwick, Pennsylvania 18603

Mr. Scott Barber  
Senior Resident Inspector  
U. S. Nuclear Regulatory Commission  
P.O. Box 35  
Berwick, Pennsylvania 18603-0035

George T. Jones  
Vice President-Nuclear Engineering  
Pennsylvania Power and Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Mr. William P. Dornsife, Director  
Bureau of Radiation Protection  
Pennsylvania Department of  
Environmental Resources  
P. O. Box 8469  
Harrisburg, Pennsylvania 17105-8469

Mr. Jesse C. Tilton, III  
Allegheny Elec. Cooperative, Inc.  
212 Locust Street  
P.O. Box 1266  
Harrisburg, Pennsylvania 17108-1266