

March 29, 1989

Docket No. 50-388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION (SSES), UNIT 2 STABILITY
CALCULATIONS

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

As agreed with Rocky Sgarro of your staff, we enclose for your information and use a copy of a Technical Evaluation Report (TER) prepared by Oak Ridge National Laboratory (ORNL) related to "Stability Calculations for Grand Gulf-1 and Susquehanna-2 Boiling Water Reactors". The ORNL TER contains the results of a series of stability calculations performed by using the code LAPUR-IV for the thermal hydraulic conditions in the SSES, Unit 2 reactor.

If your staff has any questions on the enclosed TER, please have them contact me at (301) 492-1427.

Sincerely,

/S/

Mohan C. Thadani, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Technical Evaluation
Report (TER)

cc w/enclosure:
See next page

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

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Sincerely,

A handwritten signature in cursive script that reads "Mohan C. Thadani".

Mohan C. Thadani, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Technical Evaluation
Report (TER)

cc w/enclosure:
See next page

Mr. Harold W. Keiser
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station
Units 1 & 2

cc:

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