

June 28, 1991

Docket Nos. 50-387  
and 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: EVALUATION OF POTENTIAL COMMON-MODE FAILURE, SUSQUEHANNA STEAM  
ELECTRIC STATION, UNITS 1 AND 2 (TAC NOS. 65644 AND 65645)

The NRC staff has completed the review of your (the licensee's) subject evaluation and the associated information supplied. The primary focus of the review was on the electrical isolation between Class 1E and non-Class 1E circuits. The enclosed safety evaluation (SE) addresses each aspect of the isolation issues (Enclosure).

The staff requests that the licensee revise the FSAR to accurately describe the Susquehanna conformance with IEEE 279-1971. This is required to meet the commitment in the licensee's resolution plan. In a letter dated April 26, 1991, the licensee committed to perform equipment modifications and revisions to the FSAR which satisfactorily address our requests.

The adequacy of associated circuits isolation at GE plants, is a generic issue involving many plants, in addition to Susquehanna, which we will be resolving on a generic basis.

If you have any questions, please contact Jim Stewart at (301) 49-20824 or James J. Raleigh at (301) 49-21426.

Sincerely,

/s/  
Walter R. Butler, Project Director  
Project Directorate I-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

cc w/o enclosure:  
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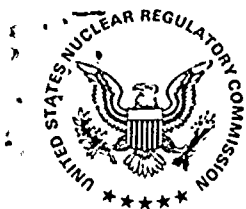
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

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Sincerely,

A handwritten signature in cursive script that reads "Walter R. Butler".

Walter R. Butler, Project Director  
Project Directorate I-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure: Safety Evaluation

cc w/o enclosure:  
See next page



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Susquehanna Steam Electric Station  
Units 1 & 2

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