

November 9, 1989

Docket Nos. 50-277  
and 50-278

Mr. George A. Hunger, Jr.  
Director-Licensing, MC 52A-5  
Philadelphia Electric Company  
Nuclear Group Headquarters  
Correspondence Control Desk  
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Dear Mr. Hunger:

SUBJECT: SAFETY EVALUATION FOR TOPICAL REPORT PECO-FMS-0005, "METHODS FOR PERFORMING BWR STEADY-STATE REACTOR PHYSICS ANALYSES" (TAC NOS. 67190/67191)

RE: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3

The NRC staff has completed its review of Philadelphia Electric Company's reactor physics methodology topical report PECO-FMS-0005, "Methods for Performing BWR Steady-State Reactor Physics Analyses." The topical report was submitted to the NRC by letter dated February 1, 1988, and supplemented by responses to staff questions in a July 13, 1989 submittal.

Subject to the conditions discussed in the enclosed evaluation, the staff concludes that the methodology presented in the topical report and PECO's use of the methodology are acceptable for use in reload analyses and other licensing actions.

Sincerely,

/s/

Gene Y. Suh, Project Manager  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

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Mr. George A. Hunger, Jr.  
Philadelphia Electric Company

Peach Bottom Atomic Power Station,  
Units 2 and 3

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