



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

February 13, 1991

Docket Nos. 50-277  
and 50-278

Mr. George J. Beck  
Manager-Licensing, MC 5-2A-5  
Philadelphia Electric Company  
Nuclear Group Headquarters  
Correspondence Control Desk  
P. O. Box No. 195  
Wayne, Pennsylvania 19087-0195

Dear Mr. Beck:

SUBJECT: CONFORMANCE TO REGULATORY GUIDE 1.97 FOR PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 (TAC NOS. 51117 AND 51118)

In a January 15, 1988 letter, the NRC staff issued a safety evaluation related to the conformance of the Peach Bottom Atomic Power Station (PBAPS) to the provisions of Regulatory Guide (RG) 1.97, Revision 3. The safety evaluation presented the staff's conclusion that the PBAPS conforms with the recommendations of RG 1.97, Revision 3 except for (1) instrumentation associated with monitoring of neutron flux and (2) the seismic qualification of containment isolation valve position indicating lights. This letter provides the results of further staff review of the latter issue. The issue of neutron flux monitoring will be the subject of separate correspondence.

In a July 18, 1988 letter, the licensee proposed an action plan, in part, to verify the seismic qualification of the isolation valve position indicating lights. The action plan consisted of a program to verify the seismic qualification of the installed indicating lights. The program was based on the seismic verification methodology of the Seismic Qualification Utility Group (SQUG) and was designed to demonstrate that the potential seismic exposure of the indicating lights at the PBAPS was experienced and resisted by similar equipment in actual earthquakes which were larger than those which are the basis for the Peach Bottom design. In a December 28, 1988 letter, the licensee stated that the program was complete and that it had determined that the installed position indicating lamps are seismically adequate. The SQUG methodology was used to demonstrate that the seismic adequacy of the

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Mr. George J. Beck

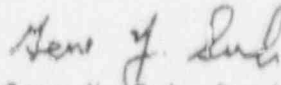
- 2 -

February 13, 1991

indicating lamps is in conformance with the RG 1.97, Revision 3 guidelines. Based on this information, the staff finds that the licensee's position on containment isolation valve position is acceptable.

Should you have any questions concerning the above, please do not hesitate to contact us.

Sincerely,



Gene Y. Suh, Project Manager  
Project Directorate I-2  
Division of Reactor Projects - 1/11  
Office of Nuclear Reactor Regulation

cc: See next page

Mr. George J. Beck

- 2 -

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Should you have any questions concerning the above, please do not hesitate to contact us.

Sincerely,

/s/

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

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Mr. George J. Beck  
Philadelphia Electric Company

Peach Bottom Atomic Power Station,  
Units 2 and 3

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