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Dockets Nos. 50-277  
and 50-278

Mr. Edward G. Bauer, Jr.  
Vice President and General Counsel  
Philadelphia Electric Company  
2301 Market Street  
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

We have completed our review of NUREG-0737 Item II.K.3.24, "Confirm Adequacy of Space Cooling for HPCI and RCIC Systems" for Peach Bottom Station Units 2 and 3. We conclude, based on the enclosed Safety Evaluation, that the design of the HPCI and RCIC support systems, including space coolers, is adequate to sustain a complete loss of offsite power for two hours, which is our safety objective for Item II.K.3.24, and is thus acceptable. This completes our review of Item II.K.3.24 for your Station.

Sincerely,

\*ORIGINAL SIGNED BY  
JOHN F. STOLZ\*

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
Safety Evaluation Report

cc w/enclosure:  
See next page

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## ENCLOSURE

### SAFETY EVALUATION REPORT PEACH BOTTOM UNITS 2 AND 3 FOR HIGH-PRESSURE COOLANT INJECTION AND REACTOR CORE ISOLATION COOLING SYSTEM

#### STAFF POSITION

#### II.K.3.24 (NUREG-0737) Confirm Adequacy of Space Cooling for High-Pressure Coolant Injection (HPCI) and Reactor Core Isolation Cooling (RCIC) Systems

Long term operation of the reactor core isolation cooling (RCIC) and high-pressure coolant injection (HPCI) systems may require space cooling to maintain the pump-room temperatures within allowable limits. Licensee should verify the acceptability of the consequences of a complete loss of alternating current (AC) power. The RCIC and HPCI systems should be designed to withstand a complete loss of offsite AC power to their support systems, including coolers for at least two hours.

#### EVALAUTION

By letter dated June 29, 1981, the licensee stated that the room coolers and the emergency service water pumps which supply water to the coolers are supplied from the onsite emergency power. Therefore, continuous power would be available for the space coolers following a complete loss of offsite AC power. The licensee stated, further, that they (the HPCI and RCIC systems) have no other supporting systems requiring offsite power which would impair operation of either the HPCI or RCIC system in the event of loss of offsite power. We conclude therefore that the HPCI and RCIC systems for Peach Bottom Units 2 and 3 including their support systems and space coolers, can withstand a complete loss of offsite power for two hours in accordance with the requirements of Item II.K.3.24 of TMI Task Action Plan NUREG-0737. Therefore, we find the licensee's submittal to be acceptable.