



1881 - 1981

## PHILADELPHIA ELECTRIC COMPANY

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MAR 25 1983

JOHN S. KEMPER  
VICE PRESIDENT  
ENGINEERING AND RESEARCH

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Docket Nos. 50-277  
50-278

Subject: Peach Bottom Atomic Power Station, Units 2 & 3  
Modification of Vacuum Breakers  
on Mark I Containments

Reference: Generic Letter 83-08 - Darrell G. Eisenhut  
to Distribution dated 2/2/83

File: GOVT 1-1 (NRC)

Dear Mr. Eisenhut:

As a result of damage observed to certain components of the GPE wetwell/drywell vacuum breakers during the Mark I Containment full scale flow tests, BWR owners with GPE vacuum breakers formed a group to study the problem.

As a first step toward resolution, General Electric Company issued SIL 321 which recommended certain actions that would increase the reliability of the vacuum breakers. These recommendations were implemented at Peach Bottom during 1980 and 1981.

As a second step, Nutech was retained by the Owners to investigate/define the cause of the damage and to recommend corrective actions to be taken. Nutech, with the consulting support of Continuum Dynamics, Inc., completed their investigation in mid-1982. In October, 1982, a Peach Bottom unique report was prepared by Continuum Dynamics which concluded that the wetwell/drywell vacuum breaker disc would not actuate during the chugging transients. A copy of the report is attached.

On the basis of the conclusions of the report, it is our position that the wetwell/drywell vacuum breakers at Peach Bottom will perform their design function without further modification.

Sincerely,

*John S. Kemper*

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