

PHILADELPHIA ELECTRIC COMPANY

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SHIELDS L. DALTROFF
VICE PRESIDENT
ELECTRIC PRODUCTION

November 8, 1982

Docket Nos. 50-277

50-278

Mr. John F. Stolz, Chief
U.S. Nuclear Regulatory Commission
Operating Reactors Branch #4
Division of Licensing
Washington, DC 20555

SUBJECT: Status of the Peach Bottom Containment Purge
and Vent Design

Dear Mr. Stolz:

This letter advises you of a possible error in the information transmitted to you by letter dated August 26, 1982 (S. L. Daltroff, Philadelphia Electric Company to J. F. Stolz) concerning the design of the Containment Purge and Vent System at the Peach Bottom Atomic Power Station Units 2 and 3. The referenced letter acknowledged the presence of debris screens on the inner end of each containment purge and vent penetration. The screens were added during a modification to the original design.

Subsequently, we have detected inconsistencies between the piping and structural drawings for Peach Bottom Unit 2 regarding the identification of one of the containment penetrations. We now believe that it is probable that one of the debris screens was installed on the torus vacuum breaker pipe rather than the torus exhaust pipe as intended. It is our plan to inspect the installation on Peach Bottom Unit 2 and, if needed, relocate the screen to its proper location. Access to

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the suppression chamber will be necessary to affect the inspection and corrective action. The work is scheduled for the next planned outage with a scheduled duration of eight days or longer. The purpose of the debris screen is to entrain any LOCA generated debris that may prevent an open purge/vent valve from closing. Due to the low probability of the LOCA event coupled with the fact that purging operation are limited during periods when the LOCA event may occur to ninety hours per year, the safety significance of the debris screen not being in place on the inner end of the purge and vent penetration is minimal. In addition, it has been determined that the debris screens, being located downstream, will not impair the operation of the torus vacuum breakers.

Should you have any questions regarding the matter, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "A. H. Falter".

cc: Site Inspector