PHILADELPHIA ELECTRIC COMPANY
Peach Bottom Atomic Power Station
Delta, Pennsylvania
17314

July 13, 1979

Mr. Boyce H. Grier
Office of Inspection and Enforcement
Region 1
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUBJECT: REPORTABLE OCCURRENCE - PROMPT NOTIFICATION

Confirming W. T. Ullrich's conversation with Mr. McCabe, Region 1, United States Nuclear Regulatory Commission on 7/13/79.

Reference: Docket No. 50-277/278
Peach Bottom Units 2 and 3
Technical Specification Reference: 6.9.2.a(9)

Report No. 2-79-33/1P
Occurrence Date: July 12, 1979

Identification of Occurrence:

The continuing seismic anchor inspection program being performed in response to I.E. Bulletin 79-02 has identified a failure in one support associated with the emergency cooling water lines in the area of the emergency cooling tower valve room.

Apparent Cause of Occurrence:

Improper installation of anchor bolts.

Analysis of Occurrence:

During the inspection of hanger number 4EWR-H57 one 3/4" diameter shell type bolt failed the torque test. This bolt was immediately replaced by a 1 1/4" Hilti Wedge type anchor. In accordance with the testing procedure, the other bolts on this anchor plate were then tested. This identified a second torque test failure. With two bolts on the same anchor plate not torquing properly, this anchor assembly is considered to have failed the operational criteria.

The piping supported by this hanger is placed in service only during flood or loss of Conowingo Pond events. The operability of the emergency service water system and emergency cooling water system is not involved. The piping with the failed hanger transports high pressure service water and emergency service water to the emergency cooling tower under the special event of major flood or loss of Conowingo Pond. Safety significance of the failure of a single hanger in this area is considered minimal.

Corrective Action:

As indicated above the first identified torque failure shell type anchor has been replaced with a 1 1/4" diameter Hilti Wedge anchor. Due to interferrences in the area of the second failed anchor, two 1 1/4" diameter Hilti Wedge type replacement anchors were installed on the same plate 3 1/2" lower than the original bolt locations. Engineering approved the location of the new bolts on this anchor plate. Corrective action has been accomplished.

Previous Failures:

Reference - LER 2-79-35/1P

Very truly yours,

W. T. Ulrich
Station Superintendent.

WTU:ljh