

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

June 22, 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. Dillrich's conversation with Mr. Greenman, Region 1,
United States Nuclear Regulatory Commission on 6/21/79.

Reference: Docket No. 50-278
Peach Bottom Unit 3
Technical Specification Reference: 6.9.2.a(9)

Report No. 5-79-19/1P
Occurrence Date: June 21, 1979

POOR ORIGINAL

Identification of Occurrence:

As part of the seismic support inspection program required by IE Bulletin 79-02, an anchor associated with the RCIC piping was found to have two bolts which could not be properly torqued. An Engineering analysis was performed and a determination made that, in the as found condition, the wall anchor would not be capable of withstanding a combination of operating and seismic loads without overstressing the other anchor bolts.

Following the identification of the two loose concrete inserts, Bechtel Corporation analyzed this support in order to determine its load carrying capability. This analysis concluded that, with all six bolts in place, two bolts have a safety factor of 1.8 and two bolts have a safety factor of 3.6, based on manufacturer's published ultimate load.

Apparent Cause of Occurrence:

Improper installation of wall anchor bolts.

Analysis of Occurrence:

To date, the anchor plate inspection program has completed 47 anchor plate locations. This is the only identified anchor support failure to date. The remainder of the RCIC wall anchors have been found to be acceptable. The as installed anchor plate does have sufficient load carrying capacity with all components properly installed to withstand the operating and seismic loads applied. Because of the low probability of a seismic event, this defect has minimal safety significance.

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Corrective Action:

The defective wall anchors have been removed and replaced with new anchors. This returns the support to its original capability.

When the wall anchor redesign is completed by Bechtel, modifications will be made to increase the load carrying capability to provide the design required bolt safety factor.

Previous Failures:

None.

POOR ORIGINAL

Very truly yours,



W. T. Ulrich
Station Superintendent

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