PHILADELPHIA ELECTRIC COMPANY

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August 7, 1979

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

Dear Mr. Grier:

SUBJECT: Licensee Event Report Narrative Description

The following occurrence was reported to Mr. Caphton, Region I, Office of Inspection and Enforcement on July 25, 1979.

Reference: Docket Number 50-277
50-278

Report No: LER 3-79-23/1T
Report Date: August 7, 1979
Occurrence Date: July 24, 1979
Facility: Peach Bottom Atomic Power Station
R.D. 1, Delta, PA 17314

Technical Specification Reference:

Technical Specification 6.9.a(9) requires reporting "performance of structures, systems, or components that require remedial action or corrective measures to prevent operation in a manner less conservative than assumed in the accident analysis in the safety analysis report..."

Description of the Event:

The continuing seismic anchor inspection program being performed in response to IE Bulletin 79-02 identified a failure of an anchor support (as defined in test criteria) on the emergency service water piping in the Unit 3 'B' Residual Heat Removal (RHR) room. This inspection identified one bolt on a four anchor support plate which would not torque properly. Additionally, one bolt was found with a cracked head. The failure of these two bolts on one support plate has been evaluated as a support failure.

Consequences of Event

The support plate anchors which failed to torque properly were part of an emergency service water piping support. The emergency service water line (3 inch diameter) is associated with room coolers in the Unit 3 'B' RHR room. Failure of the piping during a seismic event could lead to flooding of one RHR room. Because redundant pumps and back up ECCS systems are available, the safety significance is considered minimal.

Cause of Event

Investigation indicates the most probable cause of failure for these anchors was improper installation.

Corrective Action

The two test failed anchor bolts have been replaced with wedge type bolts. All four bolts in this support were satisfactorily torque tested. Corrective action has been completed.

The anchor inspection program as required by IE Bulletin 79-02 is continuing and will serve to ensure that all seismic anchors are satisfactorily installed.

Previous Similar Occurrences:

3-79-19/1T, 2-79-32/1T, 2-79-35/1T, 2-79-33/1T

Yours truly,

M. J. Cooney
Superintendent
Generation Division-Nuclear

Attachment

cc: Director, NRC - Office of Inspection and Enforcement
Mr. Norman M. Haller, NRC - Office of Management & Program Analysis