

IEC 79-14
TSC

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

February 11, 1981

Docket Nos. 50-277
50-278

Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406



Dear Mr. Grier:

This letter is to provide you with information concerning proposed support modifications to one primary containment atmospheric control line on each Peach Bottom unit in the area of the isolation valves.

A review of the seismic qualifications of the primary containment purge and vent valves at PBAPS Units 2 and 3 conducted by our architect-engineer identified several deficiencies as described in LER 2-81-13/1P, dated February 4, 1981. As a result of the analytical engineering evaluations being performed during this review, it was determined that the piping in the area of two pairs of isolation valves (AO 2506 & AO 2507 on Unit 2 and AO 3506 & AO 3507 on Unit 3) does not meet the specific FSAR stress criteria for the design basis earthquake (DBE). However, this piping is considered operable because the expected stress for a DBE is less than the actual yield stress for the material based on certified material test reports. The expected DBE stress based on analysis of the piping is 41,642 psi compared with the actual yield stress of the material which is 43,600 psi.

8103060452

Q

It is anticipated that the design and installation of the necessary modifications on both units will be completed by March 11, 1981.

If you have any questions or require additional information, do not hesitate to contact me.

Very truly yours,

A J Weigand for MJC

M. J. Cooney
Superintendent
Generation Division/Nuclear

cc: United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, DC 20555