



## PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000



May 11, 1981

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

SUBJECT: LICENSEE EVENT REPORT NARRATIVE DESCRIPTION

Dear Mr. Grier:

The following occurrence was reported to Mr. C. Cowgill,  
Region I, Office of Inspection and Enforcement on April 28, 1981.

Reference:	Docket No. 50-277
Report No.:	2-81-28/1T-0
Report Date:	May 11, 1981
Occurrence Date:	April 13, 1981
Facility:	Peach Bottom Atomic Power Station RD #1, Delta, PA 17314

Technical Specification Reference:

Technical Specification 6.9.2.a.(9) requires "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 analyses in the safety analysis report, technical specification bases, or discovery during plant life of conditions not specifically considered in the safety analysis report...that require remedial action or corrective measures to prevent the existence of an unsafe condition."

Description of the Event

Peach Bottom personnel were informed on April 28, 1981, by the Engineering Department that a review of the seismic qualifications of selected fans listed in the FSAR revealed that minor modifications are necessary to assure that certain fans

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will perform during both a Design Earthquake and a Maximum Credible Earthquake. The fan systems affected include the following:

Standby Gas Treatment System	OAV20, OBV20, OCV20
Emergency Switchgear Exhaust	OAV35, OBV35
Battery Room Exhaust	OAV36, OBV36
Control Room Fresh Air Supply	OAV79, OBV79
Diesel Generator Room Supply	OAV64, OCV64
Control Room Emergency Fresh Air Supply	OAV30, OBV30
Cardox Room Supply in Diesel Generator Building	OAV52, OBV52

Probable Consequences of the Occurrence

Both units were shutdown at the time of the discovery of the deficiency. Additional structural bracing is required on some of the fan bases and all bases require dampening with a snubber or bumper arrangement in order to be operable during the Design Earthquake. Due to the low probability of a seismic event, the safety significance is minimal.

Cause of the Occurrence

The fan supports were not designed to meet the seismic requirements.

Immediate Corrective Action

Design of modifications necessary to upgrade the equipment to withstand the Maximum Credible Earthquake has been completed and the modifications have begun. Sufficient fans will be modified to meet the Technical Specification requirements prior to startup.

Very truly yours,



M. J. Cooney  
Superintendent  
Generation Division/Nuclear

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