

# PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

PHILADELPHIA, PA. 19101

(215) 841-4000

January 23, 1975

Mr. A. Giambusso  
Deputy Director of Reactor Projects  
United States Atomic Energy Commission  
Directorate of Licensing  
Washington, D.C. 20545

Dear Mr. Giambusso:

Subject: Abnormal Occurrence

The following occurrence was reported to Mr. Bert Davis, A.E.C. Region I Regulatory Operations Office on January 14, 1975. Written notification was made to Mr. James P. O'Reilly, Region I Regulatory Operations Office on January 14, 1975. In accordance with Section 6.7.2.A of the Technical Specifications, Appendix A of DPR-44 for Unit 2 Peach Bottom Atomic Power Station, the following report is being submitted to the Directorate of Licensing as an Abnormal Occurrence.

Reference:	License Number DPR-44 Technical Specification Reference: Table 3.1.1
Report No.:	50-277-75-1
Report Date:	January 23, 1975
Occurrence Date:	January 13, 1975
Facility:	Peach Bottom Atomic Power Station R.D. 1, Delta, Pennsylvania 17314

## Identification of Occurrence:

Setpoint shift on PS-2-5-11C and 11D, low condenser vacuum RPS trips.

## Condition Prior to Occurrence:

Unit 2 operating at 100% power.

8401270272 750123  
PDR ADOCK 05000277  
S PDR

912



Description of Occurrence:

During routine instrument surveillance testing, PS-2-5-11C was found to trip at 22.77 inches Hg and PS-2-5-11D was found to trip at 22.33 inches Hg. The Technical Specification limit is greater than or equal to 23 inches Hg.

Designation of Apparent Cause of Occurrence:

Setpoint shift.

Analysis of Occurrence:

The contacts on these devices are part of a one-out-of-two twice RPS logic scheme. Because all switches were functional (the A&B switches were tested immediately and found to function within the Technical Specification limits), and the minor setpoint shifts were not in the same logic path, the safety implications of this occurrence are minimal.

Corrective Action:

The out-of-tolerance pressure switches were immediately recalibrated to within the allowable limits of the Technical Specifications and checked for proper calibration per the applicable surveillance tests. The other two devices monitoring the same parameter were immediately tested and found to be satisfactory in both function and setpoint.

Failure Data:

Setpoint shifts on this type device in this service have been reported previously as AO-50-277-74-1, AO-50-277-74-19, AO-50-277-74-35, AO-50-277-74-43 and AO-50-278-74-24.

Very truly yours,

*M. J. Cooney*  
M. J. Cooney  
Ass't Gen'l Superintendent  
Generation Division

cc: J. P. O'Reilly  
Director, Region I  
United States Atomic Energy Commission  
631 Park Avenue  
King of Prussia, PA 19406