



PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-5001

SHIELDS L. DALTROFF  
VICE PRESIDENT  
ELECTRIC PRODUCTION



March 13, 1981

Docket Nos. 50-277  
50-278

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Annual Report of Safety-Relief  
Valve Challenges

Dear Mr. Eisenhut:

In accordance with requirement II.K.3.3 issued in the May 7, 1980 letter, D. G. Eisenhut to All Operating Reactor Licensees, the following information is being provided for the Peach Bottom Atomic Power Station. Item II.K.3.3 requires all licenses to report annually challenges to the primary coolant system safety and relief valves. We are interpreting challenges to mean the opening of the main steam safety or relief valves in response to a high reactor pressure condition. Valve testing history is not included. The operating history for 1980 is as follows:

1. Challenges to Safety Valves: None
2. Challenges to Relief Valves: One occasion involving four valves on December 17, 1980 (Unit 3) A description of the event follows:

A046  
S  
1/0

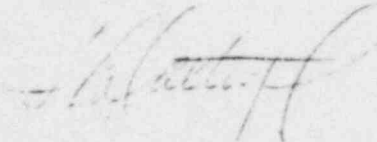
8103200520

R

The Reactor was operating at 100% power and experienced a loss of feedwater transient due to problems associated with the condensate demineralizer.

During the transient Reactor level reached the lo-lo level setpoint and Group I, II & III isolations occurred. About 10-12 minutes after the MSIV's closed reactor pressure reached 1100 psi. Four relief valves opened on pressure as required (C, D, E & F). All relief valves successfully closed when reactor pressure was reduced below setpoint.

Very truly yours,

A handwritten signature in cursive script, appearing to read "M. H. Hoff", is written below the typed text.