

# PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

April 8, 1982

Mr. R. C. Haynes, 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. Haynes:

The following occurrence was reported to Mr. R. Blough,  
Region I, Office of Inspection and Enforcement on March 28, 1982.

Reference:	Docket No. 50-277/278
Report No.:	LER 2-82-08/1T-0
Report Date:	April 8, 1982
Occurrence Date:	March 28, 1982
Facility:	Peach Bottom Atomic Power Station RD #1, Delta, PA 17314

## Technical Specification Reference:

Technical Specification Table 3.9.A.2 states that, "The four diesel generators shall be operable and there shall be a minimum of 104,000 gal. of diesel fuel on site."

## Description of the Event

During the weekend of March 27, 1982, difficulties with the auxiliary boilers resulted in operating one boiler on #2 diesel

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fuel instead of #6 fuel oil. Diesel storage tank inventory decreased more rapidly than anticipated.

Probable Consequences of the Occurrence:

During the period that the fuel oil inventory was below 104,000 gallons, both off-site power sources were available and four diesels were operable. Surveillance testing of ECCS system and diesel generators was performed in anticipation of a planned maintenance outage of the E-4 diesel generator scheduled for midnight 3/28/82. Diesel fuel oil storage tank inventory was below 140,000 gallons for a maximum of 12 hours. Minimum inventory reached in the diesel generator fuel oil storage tanks was approximately 101,000 gallons. During this 12 hour period, additional diesel fuel was available on site in the Unit 1 diesel fuel oil storage tank (12,000 gallons). This oil was later analyzed and found to be acceptable. Eighteen thousand gallons of diesel fuel were delivered on site within nine hours after the problem was recognized. Based on the minor discrepancy between required and actual inventory, the additional available inventory on site and the prompt delivery of diesel fuel, safety significance is considered minimal.

Cause of the Event

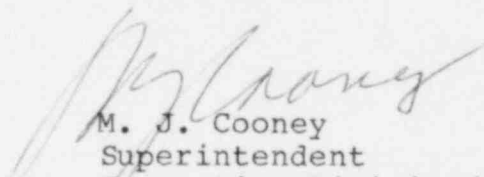
Cause of event was failure to monitor fuel tank inventory during period when auxiliary boiler was using diesel fuel.

Corrective Action:

High consumption of diesel fuel was recognized at 5:00 A.M. on March 28, 1982. Steps were immediately taken to obtain additional oil deliveries. These deliveries (about 18,000 gallons) arrived on site at approximately 2:00 P.M. on March 28, 1982. By 11:30 A.M. steps were taken to transfer the auxiliary boiler fuel oil supply to #6 oil thereby stopping the consumption of diesel fuel. Oil delivered at 2:00 P.M. was analyzed and placed in storage tanks by 5:30 P.M. restoring inventory to well above the 104,000 gallon minimum requirements.

In addition, a data sheet has been added to S.T. 9.1 which requires that the level in each diesel fuel oil storage tank be recorded and the total inventory calculated once per day. An emergency reorder value of 122,000 gallons has been established as a conservative limit in order to maintain inventory above the required volume. The high reorder point and ability to get additional diesel fuel deliveries within hours should prevent recurrence.

Very truly yours,



M. J. Cooney  
Superintendent  
Generation Division/Nuclear