

PHILADELPHIA ELECTRIC COMPANY *Mal*  
Peach Bottom Atomic Power Station  
R.D. 1, Delta, Pennsylvania  
17314

September 21, 1982

Mr. R. C. Haynes  
Administrator

U.S. Nuclear Regulatory Commission

Region I  
631 Park Avenue  
King of Prussia, PA 19406

SUBJECT: REPORTABLE OCCURRENCE - PROMPT NOTIFICATION

Confirming S. R. Roberts' conversation with R. Blough, Region I, United States Nuclear Regulatory Commission on 9/17/82. This report is being submitted one day late.

Reference: Docket No. 50-277  
Peach Bottom Unit 2  
Technical Specification 3.8.B.4

Report No. 2-82-30/1P  
Occurrence Date: 9/17/82

Identification of Occurrence:

On 9/17/82, a small quantity of slightly contaminated water was released from the Recombiner Building into the Storm Drain System. At the time of the occurrence, it was not known if the liquid was released to the river.

Conditions Prior to Occurrence:

Unit 2 and Unit 3 operating at full power.

Apparent Cause of Occurrence:

An apparent spurious actuation of the fire protection sprinkler system in the 'B' filter train of the Recombiner Building exhaust ventilation system resulted in uncontaminated fire water flowing to the floor drain sump and caused the sump to overflow. The water in the sump is contaminated and, therefore, the water that overflowed was also contaminated. That contaminated water reached the ground outside the building under two exterior doors. A portion of this water reached a storm drain which discharges to the river.

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Analysis of Occurrence:

It is estimated that 200 gallons of water with a total activity of 13 microCuries was released during a period of slightly less than 1½ hours. Sampling was begun at the point where the liquid entered the storm drain and at a number of other points in the storm drain piping prior to discharge to the river. The samples taken closest to the river and at the river did not show any detectable activity. One sample near the drain where the water entered showed slight activity. Downstream of that location there is a constant input to the Storm Drain System which provided sufficient dilution so that the samples taken closer to the river showed no detectable activity.

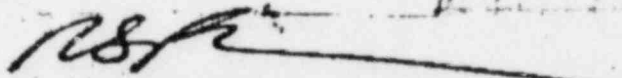
Corrective Action:

When the leakage under the door was detected, immediate actions were taken to block the door to stop the leakage. A sampling program was begun to determine the activity of the water that entered the storm drains and to detect any activity released to the river. A section of storm drain piping was flushed and approximately 100 gallons of contaminated liquid was removed from the Storm Drain System.

Previous Occurrence:

3-81-13/1P.

Very truly yours,



W. T. Ullrich  
Station Superintendent