

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

August 18, 1980

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Eisenhut:

SUBJECT: ENVIRONMENTAL DEVIATION

The following deviation was reported to Mr. Cowgill,  
Region 1, Office of Inspection and Enforcement on August 8, 1980.

Reference: Docket Number 50-277  
Environmental Technical Specification 4.2

Report No: 2-80-14/04T  
Report Date: August 8, 1980  
Occurrence Date: August 8, 1980  
Facility: Peach Bottom Atomic Power Station  
R.D. 1, Delta, PA 17314

Technical Specification Reference:

Environmental Technical Specification 4.2 requires that the presence of abnormal amounts of oil observed in the Conowingo Pond be reported to the NRC.

Description of Event:

On August 8, 1980, an oil sheen was observed on the Conowingo Pond in the area near the berm which separates Conowingo Pond from the C, D, and E cooling towers.

Consequences of Events:

The amount of oil involved appears to be minimal in that only an oil sheen was visible on Conowingo Pond. There was no evidence of any droplets or accumulation of oil reaching the river and the environmental impact is considered minimal.

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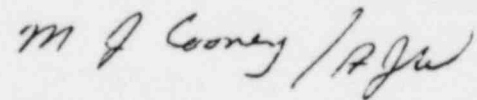
Cause of Event

On the afternoon of August 7, 1980, diesel oil was delivered to the Peach Bottom site. This oil was pumped into the "A" diesel storage tank. Because the level gauge in the tank was reading an incorrect low value, the tank was overfilled before the level indicator indicated that the tank was full (tank reading was 34,000 gallons when tank was full containing 37,500 gallons). The "A" storage tank overflowed to an oil interceptor and then to a waste oil tank with a capacity of 500 gallons. This waste oil tank also overflowed a slight amount resulting in some oil reaching a drain system. This drain discharges to an area in the discharge canal which has an oil boom permanently installed. The overflow was contained within the oil boom. A minimal amount of oil, however, leaked from the oil boom, mixed with the normal plant circulating water system resulting in the oil sheen extending to the discharge canal.

Corrective Action:

On August 7, 1980, when the level gauge was noted to be reading incorrectly, the gauge was recalibrated to properly read a full storage tank volume. At this time, the site was not aware that the storage tank had actually overflowed. On August 8, 1980, when the oil sheen was observed, immediate steps were taken to remove the oil from within the oil boom and empty the waste oil tank. These actions were accomplished by August 8, 1980. The event was also reported to the Environmental Protection Agency who in turn notified the Pennsylvania Department of Environmental Resources.

Very truly yours,



M. J. Cooney  
Superintendent  
Generation Division - Nuclear

Attachment

cc: Mr. Boyce Grier, Director  
Region 1, Office of Inspection & Enforcement  
Mr. Victor Stello, Jr., Director  
Office of Inspection & Enforcement  
Mr. Norman M. Haller, Director  
Office of Management & Program Analysis