

PHILADELPHIA ELECTRIC COMPANY

2850596570

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May 3, 1985

Department of Environmental Resources
Bureau of Water Quality Management
One Ararat Blvd.
Harrisburg, PA 17110

Gentlemen:

SUBJECT:

Noncompliance with NPDES Permit
Peach Bottom Atomic Power Station
Permit No. PA 0009733

DESCRIPTION OF NONCOMPLIANCE:

The biological oxygen demand (BOD) of a sample from discharge point 108 (Sewage Treatment Plant) exceeded the permit limit.

| | |
|------------------------|----------|
| Date Sample Taken: | 4-18-85 |
| Date Results Received: | 4-29-85 |
| Results of Analysis: | 130 mg/l |
| Permit Limitation: | 45 mg/l |

CAUSE OF NONCOMPLIANCE:

The cause of the noncompliance is believed to be pin floc carryover from the clarifier. It is unknown what is causing the pin floc carryover.

DURATION OF NONCOMPLIANCE:

The duration of the noncompliance is unknown since this is a continuation of the April 4, 1985 exceedance which was previously reported.

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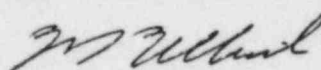
CORRECTIVE ACTION:

The Sewage Treatment Plant pressure filters were returned to service on April 19, 1985. It is believed that the effluent was within permit limits upon utilization of the pressure filters. The final effluent was resampled for BOD on April 25, 1985. The result of this sample was 10 mg/l. The result of a sample for BOD on the equalization basin on April 19 was 288 mg/l and the result of a BOD sample of unchlorinated effluent was 31 mg/l. This represents a 89 percent decrease in BOD by the sewage treatment plant.

PREVENTION OF FUTURE OCCURRENCES:

Although the pressure filters have brought the effluent into compliance, we are continuing our efforts to correct the pin floc carryover from the clarifier. Increased surveillance and sampling is being maintained to help determine and reduce the cause of the carryover.

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

JAV/WTU:ala

cc: Environmental Protection Agency
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