

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

R. D. 1, BOX 208

DELTA, PENNSYLVANIA 17314

February 23, 1988

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

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

Gentlemen:

DESCRIPTION OF NONCOMPLIANCE:

The BOD of samples from discharge point 501 (Sewage Treatment Plant) exceeded the monthly average and instantaneous maximum limits.

Date Sample Taken:	1/6/88	1/28/88
Date Results Received:	1/19/88	2/8/88
Results of Analysis:	81 mg/l	50 mg/l
Monthly Average		
Analysis:	66 mg/l Monthly Average	
Permit Limitation:	30 mg/l Monthly Average	
	60 mg/l Instantaneous Maximum	

CAUSE OF NONCOMPLIANCE:

The exact cause of the noncompliance is unknown.

DURATION OF NONCOMPLIANCE:

The duration of the noncompliance has been the entire month.

CORRECTIVE ACTION:

A review of sewage plant data has shown a slight increase in solids through the system. A program of wasting will be implemented to reduce solids. This should improve clarifier performance and reduce the effluent BOD.

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PREVENTION OF FURTHER OCCURRENCES:

Weston Engineering was called in on January 20, 1988 to provide an independent assessment of the sewage plant. One recommendation was to use the ferric chloride for phosphorus removal and to help solids settlability. The comminutor has been inspected. A modification request for replacing the comminutor has been submitted. This should help in balancing the flows which will help the overall digestion process.

Very truly yours,



D. M. Smith
Vice President
Peach Bottom Atomic Power Station

JAV/ala

cc: Environmental Protection Agency
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