



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215/770-5151

April 26, 1985

Mr. Paul Koval
Chief Operations Section
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
P. O. Box 659
90 East Union Street, Second Floor
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION
DISCHARGE MONITORING REPORT
NPDES PERMIT NO PA. 0047325 March 1985
CCN 741326 FILE 012-4
PLE- 7083

Dear Mr. Koval:

Enclosed is a copy of the March 1985 Discharge Monitoring Report for Permit No. PA 0047325. The following information details data and/or violations for some of the permitted outfalls:

o **OUTFALL-271 WASTE FILTER BYPASS**

The plant discharged approximately 2,000 gallons of sludge through the Waste Filter Bypass with a total suspended solids (TSS) concentration of 3784 mg/liter. The permit limits are 30 mg/l average for the month and a daily maximum of 100 mg/l. This, however, represents only 63 pounds of sludge discharged to the circulating water system. At present, the Pennsylvania Power and Light Company (PP&L) is reviewing alternatives to provide treatment for this discharge.

It should be noted that the 3784 mg/l value was inadvertently reported in the February 1985 Discharge Monitoring Report. However, this sample was collected on March 4, 1985. During February, a sampling point had not been established for this new NPDES permit and, therefore, no sample was taken. Attached is a corrected copy of the February DMR for this outfall (271).

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o OUTFALL-079 SEWAGE TREATMENT PLANT (STP)

The plant Exceeded the following limits:

<u>Parameter</u>	<u>Limit</u>	<u>Actual Value</u>
TSS	30 mg/l (av. monthly)	87 mg/l
TSS	60 mg/l (Inst. Max)	108 mg/l
TSS	20 lb/day (av. monthly)	26.9 mg/l
BOD	60 mg/l (Inst. Max)	62 mg/l
TSS% Reduction	85%	69.6%

The TSS concentrations were 108 mg/l on March 6, 1985, and 66 mg/l on March 20, 1985. Also, the BOD, 5-day concentration was 62 mg/l on March 6, 1985.

The mechanical problems leading to these violations have been resolved. The plant is now operating in compliance with only minor solids upsets. A separate letter will follow discussing activities undertaken by PP&L to correct STP operating problems.

The DMR forms were prepared on a computer by PP&L.

If you have any questions, please call me at (215) 770-7889.

Respectfully yours,



Jerome S. Fields
Senior Environmental Scientist - Nuclear

JSF:amc

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Enclosure

cc: EPA, Region III
A. Schwencer NRC