



Pennsylvania Power & Light Company

REQ FILE COPY

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

March 6, 1984

Commonwealth of Pennsylvania  
Department of Environmental Resources  
Bureau of Water Quality Management  
Wilkes-Barre Regional Office  
90 East Union Street, Second Floor  
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION  
DISCHARGE MONITORING REPORT (DMR) NPDES  
NPDES PERMIT NO. PA 0047325 AND  
NPDES PERMIT NO. PA 0027448  
CCN 741326 FILE 012-4  
PLE- 4615

Attached are the completed copies of the NPDES Monitoring Report for the month of January 1984 for all waste discharges at the subject location. The Discharge Monitoring Forms are being submitted in accordance with the requirements of our NPDES Permit. These forms were not provided to the Pennsylvania Power & Light Co. until the end of February and therefore, submission is later than the 28th day of the month following reporting month.

Sewage Treatment Plant (NPDES Permit No. PA 0027448) outfall 079 failed to meet the required 85% reduction in Total Suspended Solids for the month. The % reduction on January 3, 1984 was 81.5% and 78.4% on January 17, 1984. The average limit of 30 mg/liter was exceeded when an average of 35 was discharged. This was due to a high of 43 mg/liter on January 3, 1984. The total quantity limits, however, were within permit limits.

There were no other violations reported for the month.

Operations (NPDES Permit No. PA 0047325) had no permit violations reported for January 1984. Cooling Tower Blowdown flow was estimated at 7,000 gpm or 10.08 MGD.

In addition to the permit discharges, about 100,000 gallons of Emergency Service Water (untreated river water) was pumped to the site S-2 pond on January 27, 1984. The analysis of the water was as follows:

PH = 7.77  
TSS = 10.4 mg/liter  
TOC = 19.78 mg/liter (Total Organic Carbon)  
Activity = LLD

This was reported to Pa. DER on January 28, 1984.

*Envr.*

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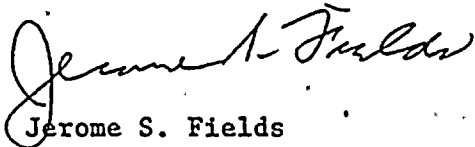
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If you have any questions, contact me at (215) 770-7889.

Respectfully yours,



Jerome S. Fields  
Sr. Environmental Specialist-Nuclear

JSF/dml

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Attachments

cc: EPA, Region III

A. Schwencer, NRC