



# Pennsylvania Power & Light Company

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

September 27, 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/AUGUST 1985  
CCN 741326 FILE 012-4  
PLE- 7619

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Dear Mr. Koval:

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

Outfall 071:

Cooling Tower Blowdown. Flows are currently being estimated.

Outfall 072:

S&A Building Sump. The DMR for July reported this discharge as being made on July 31, with an Oil and Grease level of 39 mg/l. This batch of water was recirculated all night through the sump oil separator and the Oil and Grease was reduced to 16 mg/l and then released on August 1. The August DMR reflects the actual discharge. A revised copy of the DMR for July is included with this month's report, indicating that no discharge was made in July from Outfall 072.

Outfall 079:

Sewage Treatment Plant (STP). There were six excursions of low pH values mostly associated with weekend operations. Equipment for an automatic addition system for controlling alkalinity in the system has been ordered. Installation of the equipment is expected to be completed in the first quarter of 1986. Manual addition of soda ash is being made by the operators each day to control pH. (See DMR 079 for additional details.)

Outfall 271:

The Total Suspended Solids (TSS) of 30 mg/l limit was exceeded. The TSS discharge was 1684 mg/l. We are investigating the use of either a centrifuge

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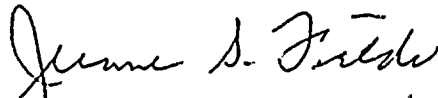
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or filter press to remove solids from this waste stream in order to meet the NPDES permit limit as well as dewatering the sludge for disposal in a landfill.

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/dml

jsflti003720a

cc: EPA, Region II

A. Schwencer

NRC