



# Pennsylvania Power & Light Company

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

November 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/OCTOBER 1985  
CCN 741326 FILE 012-4  
PLE- 7819

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Dear Mr. Koval:

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

Outfall 071:

Cooling Tower Blowdown. Flows are currently being estimated.

The average monthly Total Iron Concentration level of 6.8 mg/l was exceeded in October (8.53 mg/l). This high iron level it is felt was caused by heavy rains associated with Hurricane Gloria. (See DMR 071 for additional details).

Outfall 079:

Sewage Treatment Plant (STP). There were two excursions having low pH values in October. Equipment for an automatic addition system for controlling alkalinity has been ordered. Installation of the equipment is expected to be completed in the first quarter of 1986 and operation should begin in the second quarter. Manual addition of soda ash is being made by the operators each day to control pH. (See DMR 079 for additional details.)

Free available chlorine was discharged from the STP during October because of failed pumps. This problem has been corrected.

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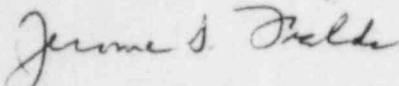
PLE-7819  
FILE 012-4

Outfall 271:

Waste Filter Bypass. The Total Suspended Solids (TSS) of 30 mg/l limit was exceeded. The TSS discharge was 780 mg/l. We are investigating the use of either a centrifuge 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.

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

Respectfully yours,



Jerome S. Fields  
Senior Environmental Scientist-Nuclear

JSF/amc

jsfltk004033o

cc: EPA, Region III

A. Schwencer

NRC