



Pennsylvania Power & Light Company

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

TEHQ FILE COPY

September 9, 1983

Commonwealth of Pennsylvania  
Department of Environmental Resources  
Bureau of Water Quality Management  
Wilkes-Barre Regional Office  
90 East Union Street, 2nd floor  
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION  
DISCHARGE MONITORING REPORT (DMR) NPDES  
NPDES PERMIT NO. PA0047325 AND  
NPDES PERMIT NO. PA0027448  
FILE 01-061.09

Gentlemen:

Attached are the completed copies of the NPDES Monitoring Report for the month of July, 1983 for all the waste discharges at the subject location. The forms are being submitted in accordance with the requirements of our NPDES Permit.

From July 1 to July 13 the flow recorder was out of service for the sewage treatment plant effluent (Outfall 079). The recorder was returned to service July 14, however, calibration was not completed until September 1. Subsequently the flows are estimated. The total suspended solids and BOD concentrations exceeded the monthly average limitation. Due to the conservatively estimated flow rates the average mass limitations for these parameters were also exceeded. The per cent BOD removal of 84.2 narrowly missed the average removal rate limit of 85.

These violations are believed to be due to hydraulic overload of the system. As more flow data is gathered, now that the flow recorder is calibrated, we can ascertain the need for additional treatment capacity, taking into consideration the projected site population during normal operations and during outages.

If you have any questions about this material, please contact Mr. Jerry Fields at 215/770-5842.

Very truly yours,

*Annette B. DeWitt*  
Annette B. DeWitt

*ed*

ABD:ecb

Attachment

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PDR ADDCK 05000387  
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Copy to:

EPA, Region III &  
Mr. A. Schwencer, Chief, US NRC, Washington, DC