

NRC



Pennsylvania Power & Light Company

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

August 23, 1984

FILE COPY

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

SUSQUEHANNA STEAM ELECTRIC STATION  
NONCOMPLIANCE-TOTAL SUSPENDED SOLIDS  
NPDES PERMIT NO. PA 0047325  
CCN 741326 FILE 012  
PLE-5575

Dear Mr. Koval:

Per your telephone conversation of August 21, 1984 with David Stoner of our staff, I am submitting additional information on noncompliances for NPDES Permit No. PA 0047325 for Total Suspended Solids (TSS) on August 18, 19, 20, 21, and 22, 1984. On these dates, the TSS levels in the cooling tower blowdown (outfall 041) exceeded the 200 mg/l permit limit as noted below. Also provided below are measurements of TSS levels found in raw river water during this same time period.

TSS (mg/l)

<u>Date</u>	<u>River</u>	<u>Cooling Tower Blowdown</u>
8/16/84	240	40
8/17/84	275.5	147.2
8/18/84	587	230 @ 09:15 767 @ 13:15
8/19/84	163	630
8/20/84	118	654
8/21/84	90	369
8/22/84	82.5	249

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These high blowdown TSS levels are attributed to high TSS levels found in the Susquehanna River, combined with the concentrating and lagging effects of Susquehanna Steam Electric Station's cooling system.

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

Respectfully yours,

*Jerome S. Fields/ors*

Jerome S. Fields  
Sr. Environmental Scientist-Nuclear

DAS/dml

daslth001728a

cc: A. Schwencer NRC

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