



Pennsylvania Power & Light Company

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

September 19, 1986

Mr. Stanley Lehman
Water Quality Specialist Supervisor
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, Second Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
SEWAGE TREATMENT PLANT, NPDES PERMIT NO. 0047325
REACTIVATOR/CLARIFIER BLOWDOWN TREATMENT
STATUS REPORT #6
CCN 741326 FILE R9-8A
PLE- 8677

Dear Mr. Lehman:

Attached for the Pennsylvania Department of Environmental Resources (Pa DER) review is a table listing total suspended solids (TSS) concentrations discharged from the Susquehanna SES sewage treatment plant (STP). As you are aware, blowdown from the reactivator/clarifier is treated at the STP. There were no TSS NPDES permit violations at the sewage treatment plant during the period of August 21 through September 19, 1986.

The Pennsylvania Power & Light Company (PP&L) continues to review permanent treatment methods for the reactivator blowdown. Once a treatment method is selected, PP&L will contact the Pa DER for concurrence. In the interim, however, PP&L will continue to direct this discharge to the STP with Pa DER concurrence.

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

Respectfully yours,

Jerome S. Fields
Sr. Environmental Scientist-Nuclear

jsf/lt12661:cly

Attachment

Copy to:
D. Agustini (Pa DER)
H. G. Hodick (Pa DER)
E. Adensam (NRC)

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PDR ADOCK 05000387
R PDR

EE 25
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TABLE 1

SUSQUEHANNA SES SEWAGE TREATMENT PLANT
TOTAL SUSPENDED SOLIDS DATA

Sample Collection Dates	Influent (mg/l)	Effluent ⁽¹⁾ (mg/l)	Percent ⁽²⁾ Reduction %
8/21-22/86	455	20	96
8/26-27/86	90	3	97
8/28-29/86	170	9	95
9/2-3/86	215	10	95
9/4-5/86	410	19	95
9/9-10/86	430	7	98
9/11-12/86	790	16	98
9/16-17/86	410	10	98
9/18-19/86	1110	11	99

(1) Effluent limits 30 mg/l - average, 60 mg/l - max

(2) Percent reduction limit at least 85%