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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station OP1-17
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
NRC NOTIFICATION OF NPDES PERMIT
AUTHORIZATION PERMIT #PA-0047325
CORRECTION TO PREVIOUS SUBMITTAL
PLA-5986**

**Docket Nos. 50-387
and 50-388**

Reference: 1) PLA-5952, B.T. McKinney (PPL) to USNRC, "NRC Notification of NPDES Permit Authorization Permit #PA-0047325," dated September 2, 2005.

The purpose of this letter is to transmit a correction to the PPL Susquehanna, LLC (PPL) NPDES Permit #PA-0047325 [Reference 1].

On September 9, 2005, the Pennsylvania Department of Environmental Protection (DEP) notified PPL that the referenced NPDES permit contained an error on page 9. Outfall 079 was referenced as outfall 001 in the line of text immediately below the Effluent Limitations Table. Accordingly, a new page 9 has been provided which corrects this error. In addition, this new page also includes current changes to the Chesapeake Bay Tributary Nutrient Reduction Strategy monitoring and reporting requirements plus footnotes that have been added to the form.

Please replace page 9 in your current version of Reference 1 with the new page 9 (attached).

If you have any questions please contact Mr. Duane L. Filchner at (610) 774-7819.

Sincerely,

B. T. McKinney

Attachment

Copy: NRC Region I
Mr. B. A. Bickett, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP

C001

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

I. For Outfall 079, Latitude 41°05'30", Longitude 76°08'30", River Mile Index _____, Stream Code _____

which receives wastewater from sewage treatment plant

- a. The permittee is authorized to discharge during the period from September 1, 2005 through August 31, 2010.
- b. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements, Footnotes and Supplemental Information).

Discharge Parameter	Effluent Limitations					Monitoring Requirements	
	Mass Units (lbs) ⁽¹⁾		Concentrations (mg/L)			Minimum ⁽⁶⁾ Measurement Frequency	Required ⁽⁸⁾ Sample Type
	Monthly ⁽³⁾	Annual ⁽⁴⁾	Minimum	Average Monthly	Maximum		
Ammonia-N	Report		XXX	Report	XXX	2/Month ⁽⁷⁾	8 Hr. Comp.
Kjeldahl -N	Report		XXX	Report	XXX	2/Month	8 Hr. Comp.
Nitrate-Nitrite as N	Report		XXX	Report	XXX	2/Month	8 Hr. Comp.
Total Nitrogen ⁽⁵⁾	Report	Report	XXX	Report	XXX	2/Month	Calculate
Total Phosphorus	Report	Report	XXX	Report	XXX	2/Month ⁽⁷⁾	8 Hr. Comp.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outfall 079

- 1. When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- 2. Daily Discharge = Daily Flow x Daily Sample Concentration x 8.34
- 3. Monthly Mass Load = (The sum of the Daily Discharge / n) x (Number of Days In Month), where n is the number of samples per month.
- 4. Annual Mass Load = The sum of the Monthly Mass Loads, taken over the last 12 months.
- 5. Total Nitrogen = Kjeldahl-N + Nitrate-N + Nitrite-N
- 6. This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events required.
- 7. If an effluent limit on Ammonia-N or Total Phosphorous, established elsewhere in this permit, requires sampling more frequently than 2/month, that sampling frequency must be observed. The results of this 2/month sampling for nutrients may be used; however, to fulfill the number of samples required at the higher frequency.
- 8. Required sample type is to be consistent with current permitting requirements.
- 9. Test Methods:

Parameter	40CFR Part 136, Table 1B
1. Kjeldahl nitrogen as nitrogen	31
2. Nitrate-Nitrite as nitrogen	39
3. Phosphorus	50
4. Ammonia as nitrogen	4
5. Total Nitrogen = Kjeldahl-N + Nitrate-Nitrite as nitrogen	