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**JAN 19 2015**



U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION  
TRANSMITTAL OF PENNSYLVANIA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION REPORT  
PLA-7277**

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

Section 3.2 of the Susquehanna Environmental Protection Plan requires that violations of the Susquehanna National Pollutant Discharge Elimination System (NPDES) permit be reported to the NRC by submittal of copies of the reports required by the permit. Susquehanna notified the NRC of a permit violation via EN 50690 on December 17, 2014. The required report submitted to the Pennsylvania Department of Environmental Protection associated with the violation is attached.

This letter contains no new regulatory commitments.

If you should have any questions regarding this submittal, please contact Mr. Jeffery N Grisewood, (570) 542-1330.

J. A. Franke

Attachment: Follow-Up Notification of Sewage Leak to the Pennsylvania Department of Environmental Protection

Copy: NRC Region I  
Mr. J. E. Greives, NRC Sr. Resident Inspector  
Mr. J. A. Whited, NRC Project Manager  
Mr. L. J. Winker, PA DEP/BRP

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**Attachment to PLA-7277**

**Follow-Up Notification of Sewage Leak to the  
Pennsylvania Department of Environmental  
Protection**

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PPL Susquehanna, LLC  
769 Salem Boulevard  
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Tel. (570) 542-3014  
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December 18, 2014

Jeff Hart  
PADEP – Northeast Regional Office  
2 Public Square  
Wilkes-Barre, PA 18701-1915

**SUSQUEHANNA STEAM ELECTRIC STATION  
PERMIT NO. PA 0047325; FOLLOW-UP NOTIFICATION OF SEWAGE LEAK (SSO FORM)  
PLE-0025589**

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Dear Mr. Hartman,

Attached please find the Susquehanna Steam Electric Station's (SSES) completed Sanitary Service Overflow (SSO) form. This completed SSO form summarizes what SSES presently knows about the sewage leaks discovered on SSES property on 12/17/14.

NOTE: Submittal of this completed SSO form to PaDEP satisfies SSES's follow-up reporting obligation specified under NPDES Permit No. PA 0047325.

Should you have any questions related to this notification, or require additional information, please contact either Kathy Ervin at 570-542-3999, or me at (570) 542-3014.


Sincerely,

Jerrold McCormick  
Sr. Environmental Scientist - Nuclear

Enclosure:

Attachment A: Completed PaDEP Sanitary Service Overflow (SSO) Form

## Sanitary Sewer Overflow (SSO) Report to PADEP

1. Date, Name, Phone # of person completing this report	Date : December 17, 2014 Name : Jerrold McCormick Phone # : (570) 542-3014 Signature : 
2. Your organization name and address ?	PPL Susquehanna, LLC - 769 Salem Boulevard - Berwick, PA 18603
3. Date found and <u>specific</u> location of SSO ?	December 17, 2014 - Two leaks -- One leak is located against the hedgerow along the eastern side of the agricultural field west of the SSES Environmental Lab office building. The other leak is located on the west side of the same agricultural field.
4. How was SSO discovered? By who ?	Permittee hired a contractor (PA Environmental Solutions, Inc.) to proactively perform a line trace of the forced main leading from the SSES Environmental Lab to the SSES Sewage Treatment Plant. Leaks were discovered while contractor was performing the line trace.
5. Start and end time of SSO (actual or estimate?)	Start time - Not Available / End time - 12/17/14 at 13:00 hrs
6. Date, time and name of person who notified PADEP of SSO ?	Date : December 17, 2014 Time : 13:35 Name : Jerrold McCormick
7. Description and actual or estimated volume of SSO	Grinder pumps located at SSES Environmental Lab work on a float system to pump sewage wastes to the SSES Sewage Treatment Plant. Volume of the SSO is unknown since it is unclear when the line breaks actually occurred.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc)	SSO is confined PPL property. SSO did not flow into any waterways.
9. What caused SSO ? How was it stopped ?	The root cause of the SSO is presently unknown. The SSO was stopped by isolating power to the grinder pump breaker panel located at the SSES Environmental Lab.
10. Describe extent of contamination and how it was cleaned up	The extent of the sewage contamination appears to be limited to the immediate vicinity of each leak location. Lime will be applied to these areas on 12/18/14 as our contractor mobilizes to excavate and repair the leaks.
11. What actions will be taken to prevent a re-occurrence ? When ?	Pa. Environmental Solutions, Inc. has been contracted to excavate and repair the sewage line leaks. Currently expecting to commence excavation work on Monday, 12/22/14.
12. Other comments ?	N/A