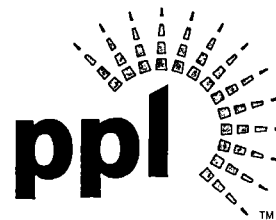


Jon A. Franke
Site Vice President

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.2904 Fax 570.542.1504
jfranke@pplweb.com

APR 28 2015



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

10 CFR 50.36a

**SUSQUEHANNA STEAM ELECTRIC STATION
RADIOACTIVE EFFLUENT RELEASE REPORT
AND OFFSITE DOSE CALCULATION MANUAL
PLA-7322**

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

In accordance with 10 CFR 50.36a (a)(2) and the Susquehanna Steam Electric Station (SSES) Units 1 and 2 Technical Specification (TS) 5.6.3, attached is the annual Radioactive Effluent Release Report for SSES Units 1 and 2 for the period covering January 1 through December 31, 2014. Additionally, in accordance with TS 5.5.1.C.3, attached is a copy of the Offsite Dose Calculation Manual as revised through December 31, 2014.

Should you have any questions or require additional information, please contact Mr. Jeffery N. Grisewood, Manager – Nuclear Regulatory Affairs at (570) 542-1330.

There are no regulatory commitments identified in this letter.

J. A. Franke

Attachment 1: Radioactive Effluent Release Report for SSES Units 1 and 2
Attachment 2: Offsite Dose Calculation Manual

Copy: Mr. D. J. Allard, PA DEP/BRP (Hard Copy and CD)
Mr. W. M. Dean, NRC Region I, Regional Administrator (Hard Copy)
Mr. J. E. Greives, NRC Sr. Resident Inspector (CD)
Ms. T. Lewis, PA DEP/BRP (CD)
Mr. R. Maiers, PA DEP/BRP (CD)
Mr. W. Nestel, INPO (CD)
Mr. C. Graves, NRC Region I, Health Physicist (CD)
Ms. D. Russo, ANI (CD)
Mr. J. A. Whited, NRC Project Manager (Hard Copy)
Mr. L. J. Winker, PA DEP/BRP (CD)

A009
IE48
NRR