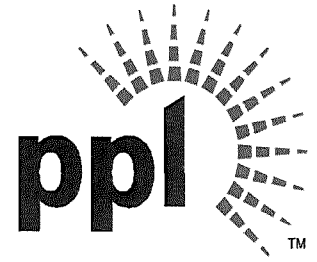


**Timothy S. Rausch**  
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OCT 29 2012

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Mail Stop O-P1-17  
Washington, D.C 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION  
INITIAL STATUS REPORT IN RESPONSE TO MARCH 12, 2012  
COMMISSION ORDER MODIFYING LICENSES WITH REGARD TO  
REQUIREMENTS FOR RELIABLE SPENT FUEL POOL INSTRUMENTATION  
(ORDER NUMBER EA-12-051) Docket Nos. 50-387  
and 50-388  
PLA-6925**

*References:* 1. NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation  
2. NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012

On March 12, 2012, the Nuclear Regulatory Commission (“NRC” or “Commission”) issued an order (Reference 1) to PPL Susquehanna, LLC. Reference 1 was immediately effective and directs PPL Susquehanna, LLC to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 29, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms PPL Susquehanna, LLC has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

Major activities completed during this reporting period:

- Resources are being identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for Susquehanna Unit 1 prior to startup from Refueling Outage (RFO) 19 (Spring 2016).
- Implementation of the order will be completed for Susquehanna Unit 2 prior to startup from Refueling Outage (RFO) 17 (Spring 2015).

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Mr. John L. Tripoli, Manager, Nuclear Regulatory Affairs, at (570) 542-3100.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 10/29/12



T. S. Rausch  
Senior Vice President & Chief Nuclear Officer

Copy: Director, Office of Nuclear Reactor Regulation  
Mr. P. W. Finney, NRC Sr. Resident Inspector  
Mr. J. A. Whited, NRC Project Manager  
Mr. L. J. Winker, PA DEP/BRP  
NRC Region I