Timothy S. Rausch
Senior Vice President & Chief Nuclear Officer

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3345 Fax 570.542.1504
tsrausch@pplweb.com

AUG 2 6 2013

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

SUSQUEHANNA STEAM ELECTRIC STATION
FIRST SIX-MONTH STATUS REPORT IN RESPONSE TO MARCH 12, 2012 COMMISSION ORDER MODIFYING LICENSES WITH REGARD TO RELIABLE SPENT FUEL POOL INSTRUMENTATION (NRC ORDER EA-12-051)
PLA-7073

Docket No. 50-387
and No. 50-388

References:

1. *NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, dated March 12, 2012*
2. *NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-2-051, Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012*
3. *NEI 12-02, Industry Guidance for Compliance with NRC Order EA-12-051, "To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation", Revision 1, dated August 2012*
4. *PPL Letter (PLA-6925) PPL Susquehanna's Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051), dated October 29, 2012*
5. *PPL Letter (PLA-6980) PPL Susquehanna's Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051), dated February 28, 2013*

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to PPL Susquehanna, LLC (PPL). Reference 1 was immediately effective and directs PPL to install reliable spent fuel pool level instrumentation. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 required submission of an initial status report 60 days following issuance of the final interim staff guidance (Reference 2) and an overall integrated plan pursuant to Section IV, Condition C. Reference 2 endorses industry guidance document NEI 12-02, Revision 1 (Reference 3) with clarifications and exceptions identified in Reference 2. Reference 4 provided PPL's initial status report regarding Spent Fuel Pool Level

Instrumentation. Reference 5 provided PPL's overall integrated plan for Spent Fuel Pool Level Instrumentation.

Reference 1 requires submission of a status report at six-month intervals following submittal of the overall integrated plan. Reference 3 provides direction regarding the content of the status reports. The purpose of this letter is to provide the first six-month status report pursuant to Section IV, Condition C.2, of Reference 1, that delineates progress made in implementing the requirements of Reference 1. The enclosed report provides an update of milestone accomplishments since the last status report, including any changes to the compliance method, schedule, or need for relief and the basis, if any.

This letter contains no new regulatory commitments.

If you have any questions regarding this report, please contact Mr. John L. Tripoli at 570-542-3100.

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

Executed on: 8/20/13

Sincerely,

T. S. Rausch

Enclosure: PPL Susquehanna, LLC's First Six Month Status Report for the Implementation of NRC Order EA-12-051, Order Modifying Licenses with Regard to Requirements for to Reliable Spent Fuel Pool Instrumentation

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

Enclosure to PLA-7073

PPL Susquehanna, LLC's First Six Month Status Report for the Implementation of NRC Order EA-12-051, Order Modifying Licenses with Regard to Requirements for to Reliable Spent Fuel Pool Instrumentation

PPL Susquehanna, LLC's First Six Month Status Report for the Implementation of NRC Order EA-12-051, Order Modifying Licenses with Regard to Requirements for to Reliable Spent Fuel Pool Instrumentation

1. Introduction

PPL Susquehanna, LLC (PPL) developed an Overall Integrated Plan (Reference 1) [NOTE: References cited in this enclosure are contained in Section 8.], documenting the requirements to install reliable Spent Fuel Pool Level Instrumentation (SFP LI), in response to Reference 2. This attachment provides an update of milestone accomplishments since submittal of the Overall Integrated Plan, including any changes to the compliance method, schedule, or need for relief/relaxation and the basis, if any.

2. Milestone Accomplishments

The following milestone(s) have been completed since the development of the Overall Integrated Plan (Reference 1), and are current as of July 31, 2013.

- A Modification Evaluation for SFP LI was completed for both Unit 1 and Unit 2 in July, 2013.
- Detailed Design Engineering for SFP LI commenced.

3. Milestone Schedule Status

The following table provides a milestone schedule that supports the Overall Integrated Plan. This section provides the activity status of each item, and the expected completion date noting any change. The dates are planning dates subject to change as design and implementation details are developed.

Milestone	Target Completion Date	Activity Status	Revised Target Completion Date
Submit 60-Day Status Report	October 2012	Complete	
Submit Overall Integrated Plan	February 2013	Complete	
Submit 6 Month Updates:			
Update 1	August 2013	Complete	
Update 2	February 2014	Not Started	
Update 3	August 2014	Not Started	

Milestone	Target Completion Date	Activity Status	Revised Target Completion Date
Update 4	February 2015	Not Started	
Update 5	August 2015	Not Started	
Modifications:			
Modification Scoping Evaluation	July 2013	Complete	
Issue Unit 1 and Unit 2 Engineering Change	March 2014	Started	
Implementation Outage	June 2015	Not Started	
Procedures:			
Create Procedures	March 2015	Not Started	
Training:			
Develop Training Plan	December 2014	Not Started	
Training Complete	March 2015	Not Started	
Full Site SFP LI Implementation	June 2015	Not Started	
Submit Completion Report	August 2015	Not Started	

4. Changes to Compliance Method

There are no changes to the compliance method as documented in the Overall Integrated Plan (Reference 1).

5. Need for Relief/Relaxation and Basis for the Relief/Relaxation

PPL expects to comply with the order implementation date and no relief/relaxation is required at this time.

6. Open Items from Overall Integrated Plan and Draft Safety Evaluation

Open items described in the RAI response (Reference 5) will be addressed in future updates or under separate letter as described in the RAI response and thus are not included in this update letter.

7. Potential Draft Safety Evaluation Impacts

None - PPL has not received a draft Safety Evaluation at this time.

8. References

The following references support the updates to the Overall Integrated Plan described in this enclosure:

1. PLA-6980, PPL Susquehanna's Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)," dated February 28, 2013.
2. NRC Order Number EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," dated March 12, 2012.
3. 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, Rev 0, dated August 29, 2012.
4. NEI 12-02, 'Industry Guidance for Compliance with Order EA-12-051to Modify Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation,' Revision 1, August 2012.
5. PLA-7026, PPL Susquehanna's Response to Request for Additional Information on Overall Integrated Plan in Response to Order EA-12-051, "Reliable Spent Fuel Pool Instrumentation", dated July 3, 2013.