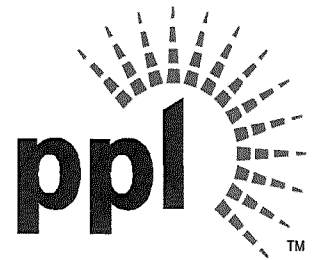


**Timothy S. Rausch**  
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**OCT 29 2012**

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 RELIABLE HARDENED CONTAINMENT VENTS  
(ORDER NUMBER EA-12-050)  
PLA-6924**

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

- References:*
- 1. NRC Order Number EA-12-050, Order Modifying Licenses with Regard to Reliable Hardened Containment Vents*
  - 2. NRC Interim Staff Guidance JLD-ISG-2012-02, Compliance with Order EA-12-050, Reliable Hardened Containment Vents, 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 hardened containment vent (RHCV) to remove decay heat and maintain control of containment pressure within acceptable limits following events that result in the loss of active containment heat removal capability or prolonged station blackout (SBO). 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 having a reliable hardened containment vent (RHCV) to remove decay heat and maintain control of containment pressure within acceptable limits following events that result in the loss of active containment heat removal capability or prolonged station blackout (SBO) as described in Attachment 2 of Reference 1.

Reference 2, Section 4.0 contains the specific reporting requirements for the initial status report. The following information provides the status pursuant to Section 4.0 of Reference 2.

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:

- Susquehanna will comply with the February 28, 2013 Integrated Plan submittal date based on the current order. The current conceptual design does not include filters in the RHCV system.
- A RHCV system design with filters will be substantially more complex than a RHCV system that does not include filters. Therefore, any NRC decision to require filters will result in a substantial redesign effort and could jeopardize meeting the currently required schedule.

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