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FEB 28 2013

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

**SUSQUEHANNA STEAM ELECTRIC STATION
OVERALL INTEGRATED PLAN IN RESPONSE TO
MARCH 12, 2012 COMMISSION ORDER MODIFYING
LICENSES WITH REGARD TO REQUIREMENTS FOR
RELIABLE HARDENED CONTAINMENT VENTS
(ORDER NUMBER EA-12-050)
PLA-6982**

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

- References: 1) NRC Order Number EA-12-050, Order Modifying Licenses with Regard to Requirements for Reliable Hardened Containment Vents*
- 2) NRC Interim Staff Guidance JLD-ISG-2012-02, Compliance with Order EA-12-050, Order Modifying Licenses with Regard to Requirements for Reliable Hardened Containment Vents, Revision 0, dated August 29, 2012*

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued an order (Reference 1) to PPL Susquehanna, LLC (PPL). Reference 1 was immediately effective and directed PPL to require their BWRs with Mark II containments to take certain actions to ensure reliable Hardened Containment Vent Systems (HCVS) to remove decay heat and maintain control of containment pressure following events that result in loss of active containment heat removal capability or prolonged Station Blackout (SBO). The specific requirements are outlined in Attachment 2 to Reference 1.

Reference 1 requires submission of an Overall Integrated Plan by February 28, 2013. The interim staff guidance (Reference 2) was issued August 29, 2012 which provides direction regarding the content of this Overall Integrated Plan. The purpose of this letter and Enclosure 1 is to provide PPL's Overall Integrated Plan pursuant to Section IV, Condition C.1, of Reference 1. This letter also confirms PPL has received Reference 2 and has an Overall Integrated Plan that complies with the guidance for the purpose of ensuring that Susquehanna Steam Electric Station Unit 1 and Unit 2 each have a reliable HCVS to remove decay heat and control containment pressure following events that result in loss of active containment heat removal capability or prolonged Station Blackout (SBO) as described in Attachment 2 to Reference 1.

Reference 2, Section 4.0 contains the specific reporting requirements for the Overall Integrated Plan. The information in Enclosure 1 to this letter provides PPL's Overall Integrated Plan pursuant to Section 4.0 of Reference 2.

For the purposes of compliance with Order EA-12-050, "Order Modifying Licenses with Regard to Requirements for Reliable Hardened Containment Vents," PPL plans to use a wetwell vent. Independent of the requirements of Order EA-12-050, PPL also intends to install a drywell vent.

Susquehanna's Hardened Containment Vent System Order EA-12-050 response will need to be revised if the NRC decides to impose any additional requirements like those described in SECY-12-0157, Options 2, 3, or 4, on Susquehanna. The design information, milestones, and schedule dates for the compliance with Order EA-12-050 will need to be revised. Compliance with the existing Hardened Containment Vent System Order EA-12-050 deadlines will likely not be possible. Delays in implementing the Hardened Containment Vent System will also affect implementation of the Mitigation Strategies Order EA-12-049 actions. The SECY-12-0157 Options are titled: 1) Option 1: Reliable Hardened Vents (Status Quo or Base Case); 2) Option 2: Severe Accident Capable Venting System Order (without Filter); 3) Option 3: Filtered Severe Accident Venting System Order; and 4) Option 4: Severe Accident Confinement Strategies.

If you have any questions regarding this submittal, please contact Mr. John L. Tripoli, Manager, Nuclear Regulatory Affairs, at (570) 542-3100.

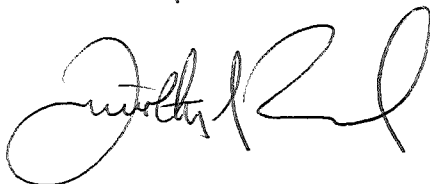
This letter does not contain any new or revised regulatory commitments. The information contained in this submittal is based on conceptual level design information. The final design process will determine actual details such as - connection points, pipe routing, specific components, and electrical and pneumatic sizing and routing.

PPL requests that Enclosure 1 to this letter be withheld from public disclosure. The information represents Security-Related information as defined by 10 CFR 2.390.

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

Executed on 2/28, 2013.

T. S. Rausch



Enclosure: 1. PPL Susquehanna, LLC Susquehanna Steam Electric Station
Units 1 & 2 Reliable Hardened Containment Vent System Overall
Integrated Plan- Withhold From Public Disclosure - 10 CFR 2.390

Copy: Mr. P. W. Finney, NRC Sr. Resident Inspector
Mr. J. Whited, NRC Project Manager
Mr. L. J. Winker, PA DEP/BRP
Region I Administrator, NRC

Enclosure 1 to PLA-6982

**PPL Susquehanna, LLC Susquehanna Steam Electric
Station Units 1 & 2 Reliable Hardened Containment
Vent System Overall Integrated Plan**
