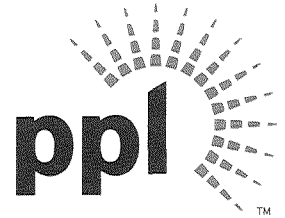


**Faber A. Kearney**  
Site Vice President

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JAN 31 2012

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

**SUSQUEHANNA STEAM ELECTRIC STATION  
REQUEST IN ACCORDANCE WITH  
10 CFR 50.55a(f)(4)(iv) FOR IST COMPONENTS  
TO USE SUBSEQUENT ASME OM CODE EDITION  
AND ADDENDA FOR THE REMAINDER OF THE  
THIRD TEN-YEAR IST INTERVAL  
PLA-6774**

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

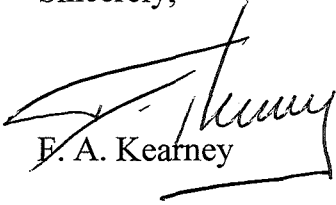
Pursuant to 10 CFR 50.55a(f)(4)(iv), PPL Susquehanna, LLC (PPL) submits the attached request for NRC approval of the use of subsequent ASME OM Code Edition and Addenda applicable to the Appendix II Check Valve Condition Monitoring Program for the remainder of the third 10-Year Interval for the Inservice Testing Program scheduled to end on May 31, 2014 at the Susquehanna Steam Electric Station (SSES), Unit 1 and Unit 2.

Paragraph 10 CFR 50.55a(f)(4)(iv) allows that the inservice tests of components may meet the requirements set forth in subsequent editions and addenda that are incorporated by reference in 10 CFR 50.55a(b), subject to the limitations and modifications listed in 10 CFR 50.55a(b) and subject to Commission approval. PPL requests the Commission's authorization for SSES to use the Appendix II portion of ASME OM 2004 Edition in accordance with the regulations pursuant to 10 CFR 50.55a(a)(2) and 10 CFR 50.55a(f)(4)(iv). SSES will comply with all limitations and modifications stated in 10 CFR 50.55a(b) related to implementation of the ASME OM Code 2004 Edition.

PPL requests approval by March 15, 2012.

If you have questions, please contact C. T. Coddington at (610) 774-4019.

Sincerely,



F. A. Kearney

Enclosure 1 – Request in accordance with 10 CFR 50.55a(f)(4)(iv) for IST Components  
use of subsequent ASME Code Edition and Addenda.

Copy: NRC Region I  
Mr. P. W. Finney, NRC Sr. Resident Inspector  
Mr. R. R. Janati, DEP/BRP  
Mr. B. Vaidya, NRC Project Manager

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**ENCLOSURE TO PLA-6774**

**10 CFR 50.55a Request number: 2012-001**

**Request in Accordance with 10 CFR 50.55a(f)(4)(iv) for  
IST Components to Use Subsequent ASME OM Code Edition  
and Addenda for the Remainder of the Third Ten-Year Interval**

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**10 CFR 50.55a Request number: 2012-001**

**Request in accordance with 10 CFR 50.55a(f)(4)(iv) for IST Components  
to use Subsequent ASME OM Code Edition and Addenda  
for the remainder of the Third Ten-Year Interval**

**1. ASME Code Component Affected**

Selected check valves in Susquehanna Steam Electric Station (SSES) Unit 1 and Unit 2 within the scope described in ASME OM Code, Subsection ISTA-1100(a).

**2. Applicable Code Edition and Addenda**

The third 10-Year IST Interval began on June 1, 2004. At that time, the ASME OM Code incorporated by reference into 10CFR was the OM-1998 Edition through OMB-2000 Addenda, which was endorsed in the Federal Register on September 26, 2002 (Vol. 67, No. 187). The Inservice Testing Code of Record for the third 10-Year IST Interval at SSES, Unit 1 and Unit 2 is ASME OM Code, 1998 Edition with 2000 Addenda.

**3. Proposed Subsequent Code Edition and Addenda**

The proposed subsequent Code edition and addenda is the ASME OM Code 2004 Edition with 2006 Addenda, which was endorsed in the Federal Register on June 21, 2011 (Vol. 76, No. 119). SSES notes that this Edition and Addenda became effective on July 21, 2011. SSES further notes that the 2004 Edition, already in effect, is unchanged in Appendix II, in the 2005 and 2006 Addenda. The implementation of an Appendix II Check Valve Condition Monitoring Program will be identical with the 2004 Edition with Addenda through 2006. That being the case, SSES requests to use the OM-2004 through OMB-2006.

The significant changes and improvements between the current Code of record and the subsequent Code are (1) testing is more performance based and (2) test plans rely on distinct test plan groups based on predetermined attributes.

**4. Related Requirements**

SSES will implement the subsequent ASME OM 2004 Edition, 2006 Addenda subject to all applicable modifications or limitations in 10 CFR 50.55a(b). All requirements of subsections ISTA and Appendix II of the ASME OM Code 2004 Edition with the 2006 Addenda will be met and implemented. No other requirements of the subsequent Code

Edition and Addenda will need to be implemented. No components other than check valves will be affected by the use of subsequent Code Edition and Addenda.

5. **Duration of Proposed Request**

The duration of this request is the remainder of the third 10-Year IST Interval at SSES for both Unit 1 and Unit 2, which ends May 31, 2014.