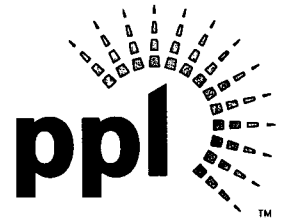


William H. Spence
Executive Vice President and
Chief Operating Officer/Chief Nuclear Officer
Tel. 610.774.3683 Fax 610.774.5019
Whspence@pplweb.com

PPL Corporation
Two North Ninth Street
Allentown, PA 18101-1179
Tel. 610.774.5151
www.pplweb.com



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**SUSQUEHANNA STEAM ELECTRIC STATION
UNITS 1 AND 2, LICENSE RENEWAL APPLICATION (LRA)
AMENDMENT TO LRA
PLA-6469**

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

- References:*
- 1) PLA-6110, Mr. B. T. McKinney (PPL) to Document Control Desk (USNRC),
"Application for Renewed Operating License Numbers NPF-14 and NPF-22,"
dated September 13, 2006.
 - 2) PLA-6457, Mr. W. H. Spence (PPL) to Document Control Desk (USNRC),
"Units 1 and 2, Licensee Renewal Application (LRA) Amendments to LRA
and RAI Responses," dated November 25, 2008.

In accordance with the requirements of 10 CFR 50, 51, and 54, PPL requested the renewal of the operating licenses for the Susquehanna Steam Electric Station (SSES) Units 1 and 2 in Reference 1.

The enclosure to this letter provides an amendment to Table A-1 of the SSES License Renewal Application (LRA). This change is necessary to resolve an NRC concern regarding previously submitted information. This change was discussed during a teleconference on December 18, 2008 between the NRC and PPL.

There are no new regulatory commitments contained herein. However, License Renewal Commitment #9 is revised as shown in the enclosure.

If you have any questions, please contact Mr. Duane L. Filchner at (610) 774-7819.

A120
NRR

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

Executed on: 12-29-08

Richard D. Regolin for W.H. Spence

W. H. Spence

Enclosure: Amendment to SSES License Renewal Application (LRA)

Copy: NRC Region I

Ms. E. H. Gettys, NRC Project Manager, License Renewal, Safety

Mr. R. Janati, DEP/BRP

Mr. F. W. Jaxheimer, NRC Sr. Resident Inspector

Mr. A. L. Stuyvenberg, NRC Project Manager, License Renewal, Environmental

**Enclosure to PLA-6469
Amendment to SSES
License Renewal Application (LRA)**

LRA Amendment

LRA Amendment Item 4 in Reference 2 provided PPL's response to RAI 4.3-4. As part of the RAI response, PPL removed the original commitment to enhance the SSES BWR Vessel Internals Program. The enhancement to the program added the requirement to inspect a sample population of the top guide locations that had exceeded the irradiation assisted stress corrosion cracking (IASCC) fluence threshold during the period of extended operation. When the LRA was submitted in 2006, the enhancement was required for the SSES program to be consistent with NUREG-1801, XI.M9.

In Reference 2, PPL justified the removal of the commitment to enhance the BWR Vessel Internals Program on the basis that the program had been revised and now included the requirements to inspect the top guide. The new top guide inspection requirements are included in BWR Vessel and Internals Project (BWRVIP) document BWRVIP-183, "Top Guide Grid Beam Inspection and Flaw Evaluation Guidelines," which was issued in December 2007. PPL is committed to follow the inspections and flaw evaluations for reactor internals issued by the BWRVIP. With the inclusion of the BWRVIP-183 top guide inspections, the SSES BWR Vessel Internals Program is consistent with NUREG-1801, XI.M9, with no future enhancements required.

In a conference call on December 18, 2008, the NRC staff stated that the commitment to perform top guide inspections should not have been removed. BWRVIP-183 has not been approved by the NRC for reference in license renewal applications and the commitment to perform top guide inspections, as stated in NUREG-1801, XI.M9, is required. Therefore, PPL agreed to revise the LRA to commit to perform ongoing top guide inspections, as outlined in NUREG-1801, XI.M9, to ensure adequate aging management during the period of extended operation. The following LRA amendment provides the revision to Commitment #9 in SSES LRA Table A-1.

Table A-1 SSES License Renewal Commitments

- The commitment for the SSES BWR Vessel Internals Program in Table A-1, Item 9 (LRA page A-35) is revised by addition (*bold italics*) as follows:

(Note that the changes made previously in Reference 2 are shown but not highlighted.)

| Table A-1 SSES License Renewal Commitments | | | |
|---|--|---|---|
| Item Number | Commitment | FSAR Supplement Location (LRA App. A) | Enhancement or Implementation Schedule |
| 9) BWR Vessel Internals Program | Existing program is credited. <ul style="list-style-type: none"> • <i>PPL will continue to perform inspections on at least 10% of the top guide grid beam cells containing control rod drives/blades every twelve years during the period of extended operation. Inspections on at least 5% of the top guide locations will be performed within the first six years of each twelve year interval. The top guide locations to be inspected are those subject to neutron fluence levels that exceed the IASCC threshold of 5.0E+20 n/cm². The inspections will be performed using the enhanced visual inspection technique, EVT-1.</i> | A.1.2.10 | Ongoing |