

August 27, 2007

LICENSEE: PPL Susquehanna, LLC

FACILITY: Susquehanna Steam Electric Station, Units 1 and 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON AUGUST 16, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND PPL SUSQUEHANNA, LLC, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of PPL Susquehanna, LLC held a telephone conference call on August 16, 2007, to discuss and clarify the staff's requests for additional information (RAIs) concerning the Susquehanna Steam Electric Station, Units 1 and 2, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

***/RA/***

Evelyn Gettys, Project Manager  
License Renewal Branch A  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosures:

1. List of Participants
2. List of Requests for Additional Information

cc w/encls: See next page

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DATE	08/22/07	08/22/07	08/27/07

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**TELEPHONE CONFERENCE CALL  
SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION**

LIST OF PARTICIPANTS  
AUGUST 16, 2007

**PARTICIPANTS**

James Medoff  
Evelyn Gettys  
Duane Filchner  
Michael Detamore  
Jeffrey Weik

**AFFILIATIONS**

U.S. Nuclear Regulatory Commission (NRC)  
NRC  
PPL Susquehanna, LLC  
PPL Susquehanna, LLC  
PPL Susquehanna, LLC

REQUESTS FOR ADDITIONAL INFORMATION  
SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

August 16, 2007

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of PPL Susquehanna, LLC, (PPL) held a telephone conference call on August 16, 2007, to discuss and clarify the following requests for additional information (RAIs) concerning the Susquehanna Steam Electric Station (SSES), Units 1 and 2, license renewal application (LRA).

**RAI 4.1.3 Identification of Exemptions**

Paragraph §54.21(c)(2) of Title 10, *Code of Federal Regulations*, Part 54 (10 CFR 54.21(c)(2)) requires an applicant for license renewal of its facilities to identify all exemptions in effect that have been granted in accordance with Paragraph §50.12 of Title 10, *Code of Federal Regulations*, Part 50 (10 CFR 50.12) and are based on time-limited aging assumptions. PPL has identified in LRA Section 4.2 that the pressure-temperature (P-T) limits and the upper-shelf energy (USE) assessments for SSES, Units 1 and 2 are time-limited aging analysis (TLAAs) for the LRA. The TLAAs are required pursuant to the requirements of Appendix G to Part 50 of Title 10, *Code of Federal Regulations* (10 CFR Part 50, Appendix G)

The staff has reviewed the current licensing basis (CLB) for SSES, Units 1 and 2, and has determined that the CLB includes the following exemptions that were granted to PPL in lieu of meeting the requirements of 10 CFR Part 50, Appendix G:

- (1) Paragraph 2E of Operating License NPF-14 for SSES, Unit 1
- (2) The NRC letter of February 7, 2002, from D. S. Collins (NRC) to R. G. Byram (PPL), granting PPL an exemption to use methods of ASME Code Case N-640 in the generation of the P-T limits for SSES, Units 1 and 2.

The staff has also determined that these exemptions were granted in accordance with 10 CFR 50.12 and are associated with analyses that involve time-limited aging assumptions.

**Part A:** Clarify whether the exemptions listed above have been withdrawn from the applicable dockets for SSES, such that the exemptions would no longer be in effect for the CLB. If not, pursuant to 10 CFR 54.21(c)(2), PPL is required to amend the LRA to identify the exemptions listed in items (1) and (2) above as exemptions in effect that were granted in accordance with 10 CFR 50.12 and are based on time-limited aging assumptions.

**Part B:** Clarify whether the 10 CFR Part 50, Appendix G-based exemption referred to in Paragraph 2E of Operating License NPF-14 for SSES, Unit 1 was granted relative to the USE requirements that are promulgated in Section IV.A.1 of 10 CFR Part 50, Appendix G, or the P-T limit requirements that are promulgated in Section IV.A.2 of 10 CFR Part 50, Appendix G.

Enclosure 2

**Part C:** Provide your regulatory basis that justifies whether or not the exemptions granted on the 10 CFR Part 50, Appendix G requirements, as referred to in Paragraph 2E of Operating License NPF-14 for SSES, Unit 1 and in the NRC's letter of February 7, 2002, are needed for the period of extended operation.

**Discussion:**

The applicant agreed to amend the responses in letter PLA-6222 of June 12, 2007, to identify the exceptions that are based on TLAA's and amend the LRA accordingly. The applicant also agreed to clarify that the exemptions referred to in 2E of the operating license NPR-14 as not based on a TLAA but on the Reactor Vessel Surveillance Program.

Letter to PPL, Susquehanna, from E. Gettys, dated August 27, 2007

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Susquehanna Steam Electric Station,  
Units 1 and 2

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