

June 10, 2008

Mr. Britt T. McKinney
Sr. Vice President and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603-0467

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE
RENEWAL APPLICATION

Dear Mr. McKinney:

By letter dated September 13, 2006, PPL Susquehanna, LLC submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54), to renew the operating licenses for Susquehanna Steam Electric Station, Units 1 and 2, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review. Further requests for additional information may be issued in the future.

Items in the enclosure were discussed with Duane Filchner, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-4029 or e-mail evelyn.gettys@nrc.gov.

Sincerely,

IRA

Evelyn Gettys, Project Manager
Project Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-387 and 50-388

Enclosure:
As stated

cc w/encl: See next page

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Office of Nuclear Reactor Regulation

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ADAMS Accession No.: ML081540571

OFFICE	LA:DLR	PM:RPB1:DLR	BC: RER1:DLR	BC: RPB1:DLR
NAME	IKing	EGettys	KChang (JMedoff for)	LLund
DATE	6/4/08	6/9/08	6/9/08	6/10/08

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SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION
REQUEST FOR ADDITIONAL INFORMATION (RAI)

RAI B.2-1: The staff has determined that the license renewal application (LRA) includes the following new aging management programs (AMPs) that have yet to be implemented at the Susquehanna Steam Electric Station, Units 1 and 2.

- Area-Based NSAS Inspection Program
- Buried Piping and Tanks Inspection Program
- Buried Piping Surveillance Program
- Chemistry Effectiveness Inspection Program
- Condensate And Refueling Water Storage Tanks Inspection Program
- Cooling Units Inspection Program
- Heat Exchanger Inspection Program
- Lubricating Oil Inspection Program
- Main Steam Flow Restrictor Inspection Program
- Metal-Enclosed Bus Inspection Program
- Monitoring and Collection System Inspection Program
- Non-EQ Cables and Connections Used In Low-Current Instrumentation Circuits Program
- Non-EQ Electrical Cables and Connections Visual Inspection Program
- Non-EQ Electrical Cable Connections Visual Inspection Program
- Non-EQ Inaccessible Medium Voltage Cables Program
- Selective Leaching Inspection Program
- Small Bore Class 1 Piping Inspection Program
- Supplemental Piping/Tanks Inspection Program
- Thermal Aging and Neutron Irradiation Embrittlement of Cast Austenitic Stainless Steel (CASS) Program

Section A.1.2.3.10, item 2 of Appendix A of the “Standard Review Plan for License Renewal Applications for Nuclear Power Plants,” (SRP-LR), Revision 1, makes the following recommendation in regards to provide operating experience for the new programs to the NRC:

“An applicant may have to commit to providing operating experience in the future for new programs to confirm their effectiveness.”

The staff requests that, consistent with the statement in the SRP-LR, that the applicant make a commitment to provide operating experience in the future to the staff for those new AMPs to confirm their effectiveness for the period of extended operation.

ENCLOSURE

Letter to B. McKinney from E. Gettys dated June 10, 2008

DISTRIBUTION:

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SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2, LICENSE
RENEWAL APPLICATION

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Susquehanna Steam Electric Station,
Units 1 and 2

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Units 1 and 2

cc:

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