**R. A. Saccone**
Vice President - Nuclear Operations

**PPL Susquehanna, LLC**
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3959 Fax 570.542-1504
rasaccone@pplweb.com

FEB 1 1 2005

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop OP1-17
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION**
**FOLLOW-UP RESPONSE TO GENERIC LETTER 2003-01**
**CONTROL ROOM HABITABILITY** **Docket Nos. 50-387**
**PLA-5861** **and 50-388**

*References: 1) Generic Letter 2003-01 "Control Room Habitability," dated June 12, 2003.*

*2) PLA-5659, B. L. Shriver (PPL) to USNRC Document Control Desk, "Response to Generic Letter 2003-01 Control Room Habitability," dated August 11, 2003.*

*3) PLA-5711, B. L. Shriver (PPL) to USNRC Document Control Desk, "Follow-up Response to Generic Letter 2003-01, Control Room Habitability," dated February 3, 2004.*

The purpose of this letter is to revise the completion date of two of the commitments provided in Reference 3. Reference 3 provided a detailed description of the actions PPL Susquehanna, LLC (PPL) is committed to take to resolve the concerns identified in Generic Letter (GL) 2003-01 "Control Room Habitability (CRH)." The Attachment to this letter is an updated version of Attachment 2 from that submittal. The Attachment to this letter updates the status of three commitments which have been completed, and reflects the revised completion dates of two commitments.

Subsequent to development of the commitments delineated in Reference 3, PPL initiated plans for an Extended Power Uprate (EPU). To fully resolve the issues identified in the GL and to implement the EPU, conversion to the Alternate Source Term (AST) is required. Efficient use of both PPL and NRC resources in the development and review of the requisite AST analyses and AST license amendment request would be best served by a combined CRH and EPU license amendment request.

A102

Thus, PPL is revising the completion date of the following two commitments:

> "PPL commits to providing a dose consequence submittal to the NRC, using the methodology described in Regulatory Guide 1.183, Alternative Radiological Source Terms For Evaluating Design Basis Accidents at Nuclear Power Reactors."

and

> "PPL will perform an assessment of the ΔP Technical Specification and determine if changes to the Technical specification are required."

Both commitments will be completed by December 30, 2005 rather than June 30, 2005.

These changes will allow sufficient time for completion of one comprehensive AST analysis and AST license amendment request. The alternative to these commitment changes would be to make two AST submittals, one for the CRH GL and one for EPU, within less than six months of each other. This combined submittal constitutes more efficient use of both PPL and NRC resources.

Additionally, the revised commitment completion dates are believed acceptable based on the unfiltered in-leakage flow rates measured during tracer gas testing performed December 2005 that are bounded by preliminary dose consequence analyses previously performed that concluded high unfiltered in-leakage flow rates could be accommodated.

The contents of this letter have been discussed with Mr. Richard Guzman, the SSES NRR Project Manager.

Any questions regarding this information should be directed to Mr. Michael H. Crowthers at (610) 774-7766.

Sincerely,

Robert A. Saccone
Vice President - Nuclear Operations

Attachment – List of Regulatory Commitments

copy: NRC Region I
Mr. A. J. Blamey, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP

# Attachment to PLA-5861

# List of
# Regulatory Commitments

# List of Regulatory Commitments

| Regulatory Commitment | Due Date |
|---|---|
| PPL commits to providing a dose consequence submittal to the NRC, using the methodology described in Regulatory Guide 1.183, "Alternative Radiological Source Terms For Evaluating Design Basis Accidents at Nuclear Power Reactors." | December 30, 2005 |
| PPL will notify NRC if the release of an inventory of hazardous chemicals, transported by railroad, is not imminent.<br><br>[or] | July 30, 2004<br>The information on railroad shipments has been received. **This commitment has been met.** |
| If the inventory of hazardous chemicals that are transported by the railway is received by July 30, 2004, PPL will complete the hazardous chemical control room habitability assessment. | December 31, 2004<br>A hazardous chemical control room habitability assessment has been completed. **This commitment has been met.** |
| PPL will commit to comply with Revision 1 of Regulatory Guide 1.78, "Evaluating the Habitability of a Nuclear Power Plant Control Room During a Postulated Hazardous Chemical Release." This commitment will be incorporated into the FSAR. | December 31, 2004<br>An FSAR change notice has been generated and approved updating the FSAR to reflect SSES commitment to Regulatory Guide 1.78 revision 1. **This commitment has been met.** |
| PPL commits to perform and transmit the results of an integrated tracer gas test using the standard test method described in American Society for Testing Materials (ASTM) consensus standard E741 "Standard Test Method for Determining Air Change in a Single Zone by Means of a Tracer Gas Dilution," and the results of the corresponding dose consequence analysis. | June 30, 2005<br>PPL completed the tracer gas test on December 10, 2004. A final report has not yet been issued. The results will be transmitted to NRC as originally committed. The preliminary test results were acceptable. |

| Regulatory Commitment | Due Date |
|---|---|
| PPL will perform an assessment of the ΔP Technical Specification and determine if changes to the Technical Specification are required. | December 30, 2005 |