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**SUSQUEHANNA STEAM ELECTRIC STATION
UNITS 1 AND 2 LICENSE RENEWAL APPLICATION (LRA)
REQUEST FOR ADDITIONAL INFORMATION (RAI)
SUPPLEMENTAL INFORMATION TO RAI 2.3.3.27-4
PLA-6316**

**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-6276, Mr. B. T. McKinney (PPL) to Document Control Desk (USNRC), "Request for Additional Information (RAI) for the Review of the Susquehanna Steam Electric Station Units 1 and 2, License Renewal Application (LRA) Sections 2.2, 2.3.3, and 2.3.4," dated October 18, 2007.*

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

Reference 2 provided the PPL responses to a Nuclear Regulatory Commission (NRC) RAI related to information contained in LRA Sections 2.2, 2.3.3, and 2.3.4.

The purpose of this letter is to provide supplemental information related to the PPL response to RAI 2.3.3.27-4 in Reference 2. The Nuclear Regulatory Commission (NRC) staff verbally requested that PPL provide this information during a teleconference between PPL and NRC on December 18, 2007. The attached response was discussed during the telecon.

There are no new regulatory commitments contained herein as a result of this response.

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

A120
HRR

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

Executed on: 1-3-08

A handwritten signature in black ink, appearing to read "B. T. McKinney". The signature is written in a cursive style with a large initial "B" and a long, sweeping underline.

B. T. McKinney

Attachment: PPL Response to Request for Supplemental Information

Copy: NRC Region I

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

Mr. R. V. Guzman, NRC Sr. Project Manager

Mr. R. Janati, DEP/BRP

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

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

Attachment to PLA-6316

PPL Response to

Request for Supplemental Information

NRC Question: (paraphrased from 12/18/2007 teleconference)

Provide a follow-up explanation for excluding the following one (1) inch piping and valves from the response to RAI 2.3.3.27-4:

“One (1) inch line JRD-31 from three (3) inch line JRD-31 to valves 012031 and 13040”

and

“One (1) inch line JRD-32 from three (3) inch line JRD 32 to valves 012038 and 012041”

PPL Response:

The three inch pipe lines JRD -31 and JRD-32 have been abandoned in place. These pipe sections do not contain any fluid that could interact with surrounding equipment. These three inch lines are in scope because they are connected to and provide structural support for the connected safety-related piping. The one inch piping and the valves 012031, 013030, 012038, and 012041 that are connected to the three inch pipe lines JRD -31 and JRD-32 do not provide any structural support function for the three inch JRD -31 and JRD-32 piping or the safety-related piping connected to the three inch pipe lines JRD -31 and JRD-32. Therefore, neither the one inch piping nor the associated valves are in scope for License Renewal.