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

**SUSQUEHANNA STEAM ELECTRIC STATION
RESPONSE TO NRC VERBAL REQUEST FOR
ADDITIONAL INFORMATION RE: RESIDUAL
HEAT REMOVAL SERVICE WATER SYSTEM
AND ULTIMATE HEAT SINK TECHNICAL
SPECIFICATION MODIFICATIONS (PROPOSED
AMENDMENT NO. 237 TO OPERATING LICENSE
NO. NPF-14 AND PROPOSED AMENDMENT NO. 203
TO OPERATING LICENSE NO. NPF-22)
PLA-5492**

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

- Reference:*
1. PLA-5319, R. G. Byram to USNRC, "Proposed Amendment No. 237 to License NPF-14 and Proposed Amendment No. 203 to License NPF-22: Residual Heat Removal and Ultimate Heat Sink," dated June 1, 2001.
 2. Letter, T. G. Colburn (USNRC) to R. G. Byram (PPL), "Susquehanna Steam Electric Station, Units 1 and 2 – Request for Additional Information RE: Residual Heat Removal Service Water System and Ultimate Heat Sink Technical Specifications Modifications (TAC Nos. MB2119 and MB2120)," dated March 19, 2002.
 3. PLA-5473, B. L. Shriver to USNRC, "Response to NRC Request for Additional Information RE: Residual Heat Removal Service Water System and Ultimate Heat Sink Technical Specification Modifications (Proposed Amendment No. 237 to Operating License No. NPF-14 and Proposed Amendment No. 203 to Operating License No. NPF-22)," dated May 20, 2002.

In June 2001, PLA-5319 (Reference 1) proposed modification of Technical Specification 3.7.1 to add operability requirements and surveillance requirements for the Ultimate Heat Sink spray bypass and large array valves and reduced the allowed completion times for the conditions applicable to the Residual Heat Removal Service Water (RHRSW) system.

In March 2002, Reference 2 requested additional information on the proposed modifications to the Technical Specifications. Reference 3 provided the response to this request.

A001

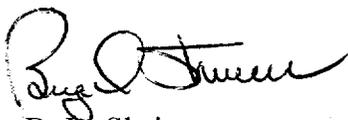
This letter is in response to the NRC staff's request for additional information during a teleconference on June 3, 2002. The NRC Staff requested information on the risk classification of the RHRSW spray pond bypass, large spray array and small spray array valves in our Maintenance Rule Program.

PPL's Maintenance Rule Program is defined in a station procedure. The NRC performed a Maintenance Rule Baseline Inspection (Inspection Report Nos. 50-387/98-04 & 50-388/98-04, dated July 16, 1998) on June 8-12, 1998. The Inspection Report stated that the risk ranking process was based on PRA information and was adequate. The Inspection Report further stated that appropriate actions had been taken by the expert panel to compensate for any weaknesses in the PRA.

Station procedural guidance states that all Systems, Structures and Components (SSCs) shall be classified for safety significance in a PPL calculation. The applicable calculation classifies all of the spray pond valves {the two pond spray bypass valves (HV-01222A(B), the two large spray array valves (HV-01224A1(B1) and the two small spray array valves (HV-01224A2(B2))} as non-risk significant. The basis of the non-risk significant designation for these valves is the fact that the time requirement for these valves to operate is greater than four hours. Therefore, the valves can be manually actuated when required. The Maintenance Rule Expert Panel, along with the Generic Letter 89-10 Expert Panel, made the determination that the spray pond bypass valves and the large spray array valves were class HSS (risk significant). Based on the above, these valves have been included in the Maintenance Rule Program as risk significant. Therefore, the spray pond bypass and spray array valves have been classified using programs reviewed by the NRC.

If you have any question on this submittal, please contact Cornelius T. Coddington at (610) 774-4019.

Sincerely,



B. L. Shriver

copy: NRC Region I

Mr. S. L. Hansell, NRC Sr. Resident Inspector

Mr. T. G. Colburn, NRC Project Manager

Mr. E. M. Thomas, NRC Project Manager

**BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION**

In the Matter of _____ :

PPL Susquehanna, LLC _____ :

Docket No. 50-388

**RESPONSE TO NRC VERBAL REQUEST FOR ADDITIONAL INFORMATION
RE: RESIDUAL HEAT REMOVAL SERVICE WATER SYSTEM AND ULTIMATE
HEAT SINK TECHNICAL SPECIFICATION MODIFICATIONS (PROPOSED
AMENDMENT NO. 203 TO OPERATING LICENSE NO. NPF-22)
UNIT 2**

Licensee, PPL Susquehanna, LLC, hereby files Response to NRC Verbal Request for Additional Information to Proposed Amendment No. 203 in support of a revision to its Facility Operating License No. NPF-22 dated March 23, 1984.

This amendment involves a revision to the Susquehanna SES Unit 2 Technical Specifications.

PPL Susquehanna, LLC

By:



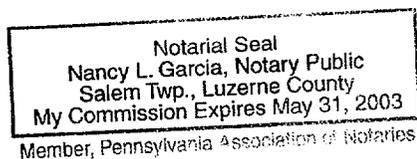
B. L. Shriver

Sr. Vice-President and Chief Nuclear Officer

Sworn to and subscribed before me
this *28th* day of *June*, 2002.



Notary Public



**BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION**

In the Matter of _____ :

PPL Susquehanna, LLC:

Docket No. 50-387

**RESPONSE TO NRC VERBAL REQUEST FOR ADDITIONAL INFORMATION
RE: RESIDUAL HEAT REMOVAL SERVICE WATER SYSTEM AND ULTIMATE
HEAT SINK TECHNICAL SPECIFICATION MODIFICATIONS (PROPOSED
AMENDMENT NO. 237 TO OPERATING LICENSE NO. NPF-14)
UNIT 1**

Licensee, PPL Susquehanna, LLC, hereby files Response to NRC Verbal Request for Additional Information to Proposed Amendment No. 237 in support of a revision to its Facility Operating License No. NPF-14 dated July 17, 1982.

This amendment involves a revision to the Susquehanna SES Unit 1 Technical Specifications.

PPL Susquehanna, LLC

By:



B. I. Shriver

Sr. Vice-President and Chief Nuclear Officer

Sworn to and subscribed before me

This 28th day of June, 2002.



Notary Public

