



APR 05 2001

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

**SUSQUEHANNA STEAM ELECTRIC STATION
SUPPLEMENTAL INFORMATION APPLICABLE
TO PROPOSED AMENDMENT NO. 233 TO
LICENSE NPF-14 AND PROPOSED AMENDMENT
NO. 198 TO LICENSE NPF-22: RELAXATION OF
EXCESS FLOW CHECK VALVE SURVEILLANCE
TESTING REQUIREMENT
PLA-5299**

**Docket No. 50-387
and 50-388**

- Reference:*
- 1) *PLA-5227, R.G. Byram to USNRC, Proposed Amendment No. 233 to License NPF-14: and Proposed Amendment No. 198 to License NPF-22: Relaxation of Surveillance Testing Requirements for Excess Flow Check Valves and Submittal of Pertinent IST Program Relief Requests dated 10/4/2000*
 - 2) *PLA-5280, R. G. Byram to USNRC, Supplemental Information Applicable to Proposed Amendment No. 233 to License NPF-14 and Proposed Amendment No. 198 to License NPF-22: Relaxation of Excess Flow Check Valve Surveillance Testing Requirement dated 3/12/2001*
 - 3) *PLA-5295 R. G. Byram to USNRC, Supplemental Information Applicable to Proposed Amendment No. 233 to License NPF-14 and Proposed Amendment No. 198 to License NPF-22: Relaxation of Excess Flow Check Valve Surveillance Testing Requirement dated 4/2/2001*

The purpose of this letter is to provide supplemental information regarding our proposed amendment request made in the References. The need for this supplemental information was developed during a teleconference held with the NRC staff on April 4, 2001.

In reference 3, PPL identified the following:

“To clarify how PPL will determine the need for expansion of sample sizes should a failure occur, PPL will test an additional 10% of the representative valves should a test failure occur contingent upon the following:

- Testing an additional 10 % sample based on a test failure will be accomplished if it can be determined that the test failure was a valve failure prior to refueling outage breaker closure.
- Testing of an additional 10% sample based on a test failure will be accomplished if the cause of the test failure is not determined prior to refueling outage breaker closure.

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Testing of an additional 10% based on a test failure will not be accomplished if it can be determined prior to refueling outage breaker closure that the test failure was a test method problem and not a valve failure.”

This sampling plan commitment is replaced by the following commitment:

1. Should a test failure occur, PPL will test an additional representative sample.
2. Should a test failure occur in the additional representative sample, PPL will test all remaining representative valves.
3. For each test failure, PPL will re-test the affected valve during the subsequent test interval. This test will be in addition to the number of tests required to be performed that interval.

“Test failure” in this context is failure of the valve to check flow during the as-found test.

Also, to clarify the test history during the 1991-1997 time frame as described in Reference 2, the following is provided:

1. 14 test failures were recorded.
2. 13 EFCV's were replaced.
3. Insufficient investigative work was performed to determine the cause for 9 of the replaced valves.
4. It was subsequently determined by calculation that the test pressure was insufficient to develop enough flow for one of the replaced valves.
5. Bench tests were performed on 3 of the replaced valves.
6. The 1 valve that was not replaced was subsequently tested satisfactorily.

PPL Susquehanna, LLC requests approval of the proposed Amendment prior to April 9, 2001.

If you have any questions, please contact Mr. M. H. Crowthers at (610) 774-7766.

Sincerely,


G. T. Jones

Attachment

copy: NRC Region I
Mr. S. Hansell, NRC Sr. Resident Inspector
Mr. R. G. Schaaf, NRC Project Manager
Mr. D. J. Allard, PA DEP

**BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION**

In the Matter of _____ :

PPL Susquehanna, LLC:

Docket No. 50-387

**SUPPLEMENTAL INFORMATION APPLICABLE TO
PROPOSED AMENDMENT NO. 233 TO LICENSE NPF-14:
RELAXATION OF EXCESS FLOW CHECK VALVE
SURVEILLANCE TESTING REQUIREMENT
SUSQUEHANNA STEAM ELECTRIC STATION
UNIT NO. 1**

Licensee, PPL Susquehanna, LLC, hereby files supplemental information 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

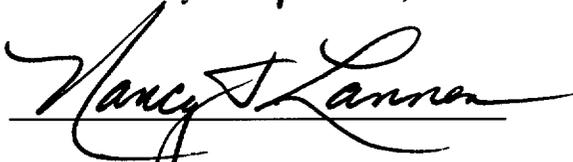
By:



G.T. Jones

Vice-President Nuclear Engineering & Support

Sworn to and subscribed before me
this *5th* day of *April*, 2001.



Notary Public

Notarial Seal
Nancy J. Lannen, Notary Public
Allentown, Lehigh County
My Commission Expires June 14, 2004

**BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION**

In the Matter of :

PPL Susquehanna, LLC :

Docket No. 50-388

**SUPPLEMENTAL INFORMATION APPLICABLE TO
PROPOSED AMENDMENT NO. 198 TO LICENSE NPF-22:
RELAXATION OF EXCESS FLOW CHECK VALVE
SURVEILLANCE TESTING REQUIREMENT
SUSQUEHANNA STEAM ELECTRIC STATION
UNIT NO. 2**

Licensee, PPL Susquehanna, LLC, hereby files supplemental information 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:



G. T. Jones

Vice-President Nuclear Engineering & Support

Sworn to and subscribed before me
this *5th* day of *April*, 2001.



Notary Public

Notarial Seal
Nancy J. Lannen, Notary Public
Allentown, Lehigh County
My Commission Expires June 14, 2004