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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. 240 TO LICENSE
NFP-14 AND PROPOSED AMENDMENT NO. 205 TO
LICENSE NFP-22: CHANGES TO REACTOR PRESSURE VESSEL
PRESSURE-TEMPERATURE (P-T) LIMITS AND REQUEST FOR
EXEMPTION FROM THE REQUIREMENTS
OF 10 CFR 50 SECTION 50.60(a)
PLA-5379**

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

Reference: 1) *PLA – 5341, Letter from R.G. Byram to USNRC “Proposed Amendment No.240 to License NFP-14 and Proposed Amendment No. 205 to License NFP-22: Changes to Reactor Pressure Vessel Pressure - Temperature (P-T) Limits and Request for Exemption from the Requirements of 10CFR50 Section 50.60(a)”, dated July 17, 2001.*

This letter provides supplemental information as discussed in telephone conversations between R. G. Schaaf (NRC) and D. L. Filchner (PPL) regarding accumulated exposure data for PPL Susquehanna Units 1 and 2.

Unit 1: Expected accumulation at the end of Cycle 12 is 15.17 EFPY, based on an exposure rate of 1.856 EFPY/2yr and operating at 3441 MWt. Unit 1 will be operated at the uprated power level of 3489 MWt following the next refueling outage in the Spring of 2002.

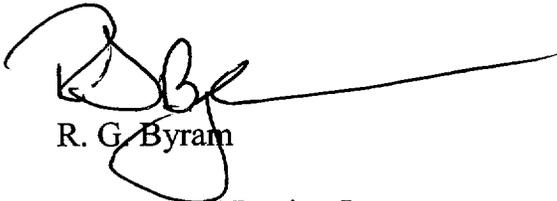
Unit 2: Accumulated exposure at the end of Cycle 10 on March 10, 2001 was 13.7 EFPY, based on an exposure rate of 1.856 EFPY/2yr and operating at 3441 MWt. Unit 2 was operated at 3441 MWt from the end of the refueling outage on April 23, 2001 until July 13, 2001 at which time power uprate was implemented and the unit began its present operation at 3489 MWt.

Rates: The effects of power uprate and the corresponding power level increase cause the exposure rates to change from 1.856 EFPY/2yr (3441 MWt) to 1.974 EFPY/2yr (3489 MWt).

AD01

We trust that this information is sufficient for NRC to develop independent fluence calculations during review of the proposed amendments submitted on July 17, 2001 (Reference 1). If you have any questions, please contact Mr. D. L. Filchner at (610) 774-7819.

Sincerely,

A handwritten signature in black ink, appearing to be 'R. G. Byram', with a long horizontal line extending to the right.

R. G. Byram

copy: NRC Region I
Mr. S. L. Hansell, NRC Sr. Resident Inspector
Mr. R. G. Schaaf, NRC Project Manager

**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. 240 TO LICENSE
NFP-14: CHANGES TO REACTOR PRESSURE VESSEL
PRESSURE-TEMPERATURE (P-T) LIMITS AND REQUEST FOR
EXEMPTION FROM THE REQUIREMENTS
OF 10 CFR 50 SECTION 50.60(a)
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:



R. G. Byram

Sr. Vice-President and Chief Nuclear Officer

Sworn to and subscribed before me
this *15th* day of *October*, 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

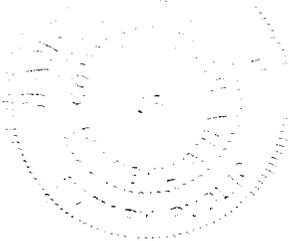
**SUPPLEMENTAL INFORMATION APPLICABLE TO
PROPOSED AMENDMENT NO. 205 TO LICENSE
NFP-22: CHANGES TO REACTOR PRESSURE VESSEL
PRESSURE-TEMPERATURE (P-T) LIMITS AND REQUEST FOR
EXEMPTION FROM THE REQUIREMENTS
OF 10 CFR 50 SECTION 50.60(a)
UNIT NO. 2**

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:





R. G. Byram
Sr. Vice-President and Chief Nuclear Officer

Sworn to and subscribed before me
this 15th day of *October*, 2001.



Notary Public

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