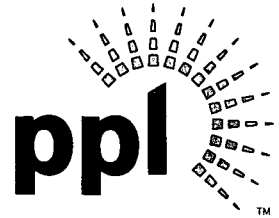


Britt T. McKinney
Sr. Vice President & Chief Nuclear Officer

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769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3149 Fax 570.542.1504
btmckinney@pplweb.com



JAN 25 2008

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

**SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED LICENSE AMENDMENT NO. 285 FOR
UNIT 1 OPERATING LICENSE NO. NPF-14 AND
PROPOSED LICENSE AMENDMENT NO. 253 FOR
UNIT 2 OPERATING LICENSE NO. NPF-22
CONSTANT PRESSURE POWER UPRATE APPLICATION –
SUPPLEMENT
PLA-6323**

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

- References: 1 PLA-6076, B. T. McKinney (PPL) to USNRC, "Proposed License Amendment Numbers 285 for Unit 1 Operating License No. NPF-14 and 253 for Unit 2 Operating License No. NPF-22 Constant Pressure Power Uprate," dated October 11, 2006.*
- 2) PLA-6315, B. T. McKinney (PPL) to USNRC, "Proposed License Amendment Numbers 285 for Unit 1 Operating License No. NPF-14 and 253 for Unit 2 Operating License No. NPF-22 Constant Pressure Power Uprate Application - Supplement," dated December 19, 2007.*

Pursuant to 10 CFR 50.90, PPL Susquehanna LLC (PPL) requested in Reference 1 approval of amendments to the Susquehanna Steam Electric Station (SSES) Unit 1 and Unit 2 Operating Licenses and Technical Specifications to increase the maximum power level authorized from 3489 Megawatts Thermal (MWt) to 3952 MWt, an approximate 13% increase in thermal power. The proposed Constant Pressure Power Uprate (CPPU) represents an increase of approximately 20% above the Original Licensed Thermal Power.

Reference 2 contained the following regulatory commitment.

"The complete verified stress report (including the results of all Flow Induced Vibration (FIV) and ASME load case analyses) will be provided to NRC by February 4, 2008. This will also serve to satisfy the currently proposed License Condition to submit the report forty-five (45) days prior to operation above CLTP conditions."

A001

NRR

The purpose of this letter is to close the above regulatory commitment. The stress report is contained in Attachment 1.

Attachment 1 contains GE-Hitachi Nuclear Energy Americas, LLC (GEH) proprietary information. As such, GEH requests that the proprietary information be withheld from public disclosure in accordance with 10 CFR 2.390 (a) 4 and 9.17 (a) 4. Attachment 2 contains the non-proprietary version of the information contained in Attachment 1.

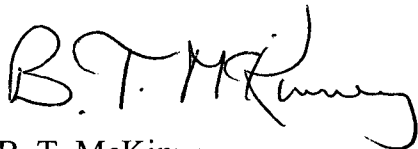
Attachment 3 contains an affidavit supporting the GEH request for withholding Attachment 1 from public disclosure.

PPL has reviewed the "No Significant Hazards Consideration" and the "Environmental Consideration" submitted with Reference 1 relative to the responses. We have determined that there are no changes required to either of these documents.

If you have any questions or require additional information, please contact Mr. Michael H. Crowthers at (610) 774-7766.

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

Executed on: 1-25-08



B. T. McKinney

Attachment 1: Proprietary Version of "Susquehanna Replacement Steam Dryer Stress Analysis at Extended Power Uprate Conditions"

Attachment 2: Non-Proprietary Version of the "Susquehanna Replacement Steam Dryer Stress Analysis at Extended Power Uprate Conditions"

Attachment 3: GE-Hitachi Nuclear Energy Americas, LLC Affidavit

Copy: NRC Region I
Mr. R. V. Guzman, NRC Sr. Project Manager
Mr. R. R. Janati, DEP/BRP
Mr. F. W. Jaxheimer, NRC Sr. Resident Inspector