



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

December 28, 2007

Mr. William Levis
President & Chief Nuclear Officer
PSEG Nuclear LLC-N09
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: HOPE CREEK GENERATING STATION - REQUEST FOR ADDITIONAL
INFORMATION REGARDING REQUEST FOR EXTENDED POWER UPRATE
(TAC NO. MD3002)

Dear Mr. Levis:

By letter dated September 18, 2006, as supplemented by letters dated October 10 and October 20, 2006, February 14, February 16, February 28, March 13 (2 letters), March 22, March 30 (2 letters), April 13, April 18, April 30, May 10, May 18 (3 letters), May 24, June 22, July 12, August 3, August 17 (2 letters), August 27, August 31, September 11, October 10, October 23, November 15, and November 30, 2007, PSEG Nuclear, LLC (PSEG or the licensee) submitted an amendment request for an extended power uprate (EPU) for the Hope Creek Generating Station (Hope Creek). The proposed amendment would increase the authorized maximum power level by approximately 15 percent, from 3,339 megawatts thermal (MWt) to 3,840 MWt.

The Nuclear Regulatory Commission (NRC) staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The questions were sent by e-mail to your staff on December 17, 2007, and were discussed on a phone call on December 18, 2007, to ensure that the questions were understandable, the regulatory basis was clear and to determine if the information was previously docketed. The NRC staff has determined that the RAI contains proprietary information pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR). As such, we have enclosed non-proprietary and proprietary versions of the RAI (Enclosures 1 and 2 respectively).

Mr. Jeff Keenan of your staff agreed to respond by January 15, 2008, to the enclosed RAI questions, except for questions 118(a) and 120(f). Mr. Keenan agreed to respond to RAI questions 118(a) and 120(f) by January 18, 2008.

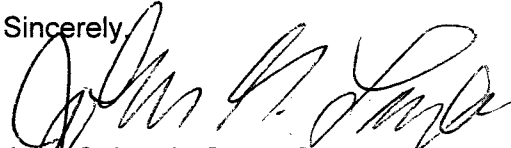
Enclosure 2 transmitted herewith contains Official Use Only - Proprietary Information. When separated from Enclosure 2, this document is decontrolled.

W. Levis

- 2 -

Please note that if you do not respond to this letter within the prescribed response times or provide an acceptable alternate date in writing, we may reject your application for amendment under the provisions of 10 CFR, Part 2, Section 2.108. If you have any questions, I can be reached at (301) 415-3100.

Sincerely,



John G. Lamb, Senior Project Manager
Project Directorate I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-354

Enclosures:

1. Non-proprietary RAI
2. Proprietary RAI

cc w/Enclosure 1 only: See next page

W. Levis

- 2 -

Please note that if you do not respond to this letter within the prescribed response times or provide an acceptable alternate date in writing, we may reject your application for amendment under the provisions of 10 CFR, Part 2, Section 2.108. If you have any questions, I can be reached at (301) 415-3100.

Sincerely,

John G. Lamb, Senior Project Manager
Project Directorate I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-354

Enclosures:

- 1. Non-proprietary RAI
- 2. Proprietary RAI

cc w/Enclosure 1 only: See next page

DISTRIBUTION:

PUBLIC (Non-Proprietary version of RAI only)	RidsNrrDORLLp1-2	RidsOgcRP
RidsNrrLAABaxter	RidsAcrsAcnwMailCenter	TScarborough
RodsNrrPMJLamb	RidsNrrDORLDpr	RidsRgn1MailCenter
Lp11-2 R/F		JQuichocho
		GPurciarello

ADAMS Accession Nos:

Package: ML073550699
 Letter: ML073600717
 Enclosure 1: ML073600721 (publicly available)
 Enclosure 2: ML073600726 (non-publicly available)

OFFICE	LPL1-2/PM	LPL1-2/LA	EMCB/BC	LPL1-2/BC
NAME	JLamb	ABaxter	KManoly	HChernoff
DATE	12/18/07	12/18/07	12/18/07	12/18/07

OFFICIAL RECORD COPY