

November 27, 2007

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

SUBJECT: HOPE CREEK GENERATING STATION – SCHEDULE AND RESPONSE TO PSEG LETTER (LR-N07-0274) DATED OCTOBER 23, 2007, “PLANS RELATED TO STEAM DRYER EVALUATION” REGARDING REQUEST FOR EXTENDED POWER UPRATE (TAC NO. MD3002)

Dear Mr. Levis:

By letter dated September 18, 2006, as supplemented on October 10 and October 20, 2006, February 14, February 16, February 28, March 13, April 18, April 30, May 10, May 18, June 22, August 3, August 17, August 31, September 11, October 10, October 23, and November 15, 2007, PSEG Nuclear, LLC (PSEG or licensee) submitted an amendment request for an extended power uprate (EPU) for Hope Creek Generating Station (Hope Creek). The proposed amendment would increase the authorized maximum power level by approximately 15 percent, from 3339 megawatts thermal (MWt) to 3840 MWt.

In PSEG letter (LR-N07-0274) to the U.S. Nuclear Regulatory Commission (NRC), dated October 23, 2007, PSEG submitted its plans related to the steam dryer evaluation for the proposed Hope Creek EPU. In the attachment to the PSEG letter (LR-N07-0274), PSEG documented its understanding of the key issues discussed at the closed meeting held on October 11, 2007, and PSEG's plans for additional steam dryer analysis and testing. PSEG plans to respond to the request for additional information questions by November 30, 2007. To account for bias and uncertainty in frequency response function amplitudes predicted by the finite element model for the Hope Creek steam dryer, PSEG plans to test a previously purchased, spare steam dryer and PSEG will be prepared to supply the results of the shaker table testing to the NRC staff by December 31, 2007.

The NRC staff agrees with your understanding of the key issues as documented in the PSEG letter (LR-N07-0274), dated October 23, 2007. Even though the NRC staff agrees with your understanding of the key issues, there is the possibility of additional questions, concerns, or issues resulting from your responses. Please note that the NRC staff assumes that your responses will be comprehensive and of high quality, and all questions will be answered to the NRC staff's technical satisfaction.

W. Levis

- 2 -

Please note that at this time, the NRC staff's projected schedule for dispositioning the proposed Hope Creek EPU is June 2008. If you have any questions, I can be reached at (301) 415-3100.

Sincerely,

*/ra/*

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

Docket No. 50-354

cc: See next page

W. Levis

- 2 -

Please note that at this time, the NRC staff's projected schedule for dispositioning the proposed Hope Creek EPU is June 2008. If you have any questions, I can be reached at (301) 415-3100.

Sincerely,

*/ra/*

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

Docket No. 50-354

cc: See next page

DISTRIBUTION:

PUBLIC

RidsNrrLAABaxter

RidsNrrDORLDpr

RidsNrrDorlLp1-2

RidsAcrcAcnwMailCenter

RidsRgn1MailCenter

RidsOgcRP

TScarborough

RidsNrrPMJLamb

LPL1-2 R/F

ADAMS Accession No: ML073300453

OFFICE	LPL1-2/PM	LPL1-2/LA	LPL1-2/BC
NAME	JLamb	ABaxter	HChernoff
DATE	11/27/07	11/27/07	11/27/07

OFFICIAL RECORD COPY

Hope Creek Generating Station

cc:

Mr. Thomas Joyce  
Senior Vice President - Operations  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. Dennis Winchester  
Vice President - Nuclear Assessment  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. Carl Fricker  
Vice President - Operations Support  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. John Perry  
Plant Manager - Hope Creek  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. James Mallon  
Manager - Licensing  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. Jeffrie J. Keenan, Esquire  
PSEG Nuclear - N21  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Mr. Michael Gaffney  
Manager - Hope Creek Regulatory  
Assurance  
PSEG Nuclear  
P.O. Box 236  
Hancocks Bridge, NJ 08038

Township Clerk  
Lower Alloways Creek Township  
Municipal Building, P.O. Box 157  
Hancocks Bridge, NJ 08038

Mr. Paul Bauldauf, P.E., Asst. Director  
Radiation Protection Programs  
NJ Department of Environmental  
Protection and Energy  
CN 415  
Trenton, NJ 08625-0415

Mr. Brian Beam  
Board of Public Utilities  
2 Gateway Center, Tenth Floor  
Newark, NJ 07102

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Senior Resident Inspector  
Hope Creek Generating Station  
U.S. Nuclear Regulatory Commission  
Drawer 0509  
Hancocks Bridge, NJ 08038

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

