

September 2, 2008

Mr. William Levis
President and Chief Nuclear Officer
PSEG Nuclear LLC
80 Park Plaza, T4B
Newark, NJ 07102

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –
HOPE CREEK GENERATING STATION

Dear Mr. Levis:

On August 6, 2008, the NRC staff completed its performance review for Hope Creek Generating Station (Hope Creek). Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2007, through June 30, 2008. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and the enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the Security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process baseline inspections at your facility. We also plan to conduct an independent spent fuel storage installation inspection and a power up-rate inspection.

The staff identified that there were more than three findings for the current assessment period with documented cross-cutting aspects in the area of human performance, and there is a cross-cutting theme in the aspect of complete, accurate and up-to-date procedures (H.2(c)). In evaluating your scope of efforts and progress in addressing the cross-cutting theme, the staff determined that you identified the problems with procedure adequacy, recognized these problems affected multiple areas and developed comprehensive corrective actions. Based on the results of our baseline inspection activities completed in the first half of 2008, we have determined that you have made substantial progress in completing your corrective actions and that there have been no new findings with a procedure adequacy cross-cutting aspect since the fourth quarter of 2007. Therefore, the staff has concluded that a substantive cross-cutting issue in human performance does not exist at this time.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise that cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5069 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Arthur L. Burritt, Chief
Division of Reactor Projects
Projects Branch 3

Docket Nos. 50-354
License Nos. NPF-57

Enclosure: Hope Creek Generating Station Inspection/ Activity Plan

cc w/encl:

T. Joyce, Senior Vice President, Operations
G. Barnes, Site Vice President
P. Davison, Director, Nuclear Oversight
J. Spears, Acting Director of Finance
J. Perry, Hope Creek Plant Manager
J. Keenan, General Solicitor, PSEG
M. Wetterhahn, Esquire, Winston and Strawn, LLP
Consumer Advocate, Office of Consumer Advocate, Commonwealth of PA
L. Peterson, Chief of Police and Emergency Management Coordinator
P. Baldauf, Assistant Director, NJ Radiation Protection Programs
P. Mulligan, Chief, NJ Bureau of Nuclear Engineering
H. Otto, Ph.D., Administrator, DE Division of Water Resources
N. Cohen, Coordinator - Unplug Salem Campaign
E. Zobian, Coordinator - Jersey Shore Anti Nuclear Alliance

Hope Creek
Inspection / Activity Plan
08/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	71004 - POWER UPRATE		5			
1	IP 71004	Power Uprate		03/01/2008	12/31/2008	Other Routine
	ISFSI - ISFSI ANNUAL DRY CASK LOADING CAMPAIGN		1			
1	IP 60855	Operation Of An ISFSI		07/28/2008	08/01/2008	Other Routine
1	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/28/2008	08/01/2008	Other Routine
	711111B - REQUAL INSPECTION +P/F REVIEW		3			
1	IP 711111B	Licensed Operator Requalification Program		10/06/2008	10/10/2008	Baseline Inspections
	711107T - HEAT SINK INSP		1			
1	IP 711107T	Heat Sink Performance		09/15/2008	09/19/2008	Baseline Inspections
	TI 171 - TI 171		3			
1	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		09/15/2008	09/19/2008	Generic Safety Inspecti
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/29/2008	10/03/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/29/2008	10/03/2008	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/29/2008	10/03/2008	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/29/2008	10/03/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		09/29/2008	10/03/2008	Baseline Inspections
	2/2EXAM - INITIAL OPERATOR LICENSING EXAM		4			
1	U01693	FY09 - HOPE CREEK INITIAL OPERATOR EXAM		01/05/2009	01/09/2009	Not Applicable
1	U01693	FY09 - HOPE CREEK INITIAL OPERATOR EXAM		02/02/2009	02/13/2009	Not Applicable
	TI 176 - TI 176		1			
1	IP 2515/176	Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin		12/08/2008	12/12/2008	Generic Safety Inspecti
	71004 - POWER UPRATE		5			
1	IP 71004	Power Uprate		01/01/2009	05/03/2009	Other Routine
	71152B - PI&R BIENNIAL TEAM		4			
1	IP 71152B	Identification and Resolution of Problems		01/12/2009	01/16/2009	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		01/26/2009	01/30/2009	Baseline Inspections
	TI 173 - GROUNDWATER TI		1			
1	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		03/09/2009	03/13/2009	Generic Safety Inspecti
	EP PROGR - EP PROGRAM INSPECTION		1			
1	IP 7111402	Alert and Notification System Testing		03/15/2009	03/20/2009	EP Baseline Inspection
1	IP 7111403	Emergency Response Organization Augmentation Testing		03/15/2009	03/20/2009	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/15/2009	03/20/2009	EP Baseline Inspection
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/15/2009	03/20/2009	EP Baseline Inspection
1	IP 71151	Performance Indicator Verification		03/15/2009	03/20/2009	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Hope Creek
Inspection / Activity Plan
08/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	711108G - INSERVICE INSPECTION		1			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/20/2009	04/24/2009	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/27/2009	05/01/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/27/2009	05/01/2009	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/27/2009	05/01/2009	Baseline Inspections
	ISFSI - ISFSI INSPECTION - ANNUAL SAMPLE		1			
1	IP 60855	Operation Of An ISFSI		07/01/2009	09/30/2009	Other Routine
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/27/2009	07/31/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/27/2009	07/31/2009	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/27/2009	07/31/2009	Baseline Inspections
	7111121 - CDBI		6			
1	IP 7111121	Component Design Bases Inspection		09/14/2009	09/18/2009	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		09/28/2009	10/02/2009	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		10/05/2009	10/09/2009	Baseline Inspections
	7112203 - PUB RAD SAFETY - REMP		1			
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		09/14/2009	09/18/2009	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/28/2009	10/02/2009	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/28/2009	10/02/2009	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/28/2009	10/02/2009	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/28/2009	10/02/2009	Baseline Inspections
	7112202 - PUB RAD SAFETY - RADWASTE		1			
1	IP 7112202	Radioactive Material Processing and Transportation		12/07/2009	12/18/2009	Baseline Inspections