



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 31, 2007

Mr. Thomas Joyce
Senior Vice President
PSEG Nuclear LLC - N09
P.O. Box 236
Hancocks Bridge, NJ 08038

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

Dear Mr. Joyce:

On August 14, 2007, the NRC staff completed its performance review of the Hope Creek Generating Station for the first half of the calendar year 2007 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 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 of 2007 at Hope Creek 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 (ROP) baseline inspections at your facility. We also plan to conduct an inspection to review modifications and other actions related to your power up-rate application.

The enclosed inspection plan details the inspections, less those related to security, scheduled through December 31, 2008. 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.

The NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the 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.

T. Joyce

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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 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).

Sincerely,

/RA/

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

Docket No. 50-354
License No. NPF-57

Enclosure: Hope Creek Generating Station Inspection/Activity Plan

cc w/encl:

W. Levis, President and Chief Nuclear Officer
G. Barnes, Vice President Hope Creek
K. Chambliss, Director, Nuclear Oversight
B. Clark, 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, Acting Manager, 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
Institute for Nuclear Power Operations (INPO)

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- 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, Acting Manager, 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
- Institute for Nuclear Power Operations (INPO)

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SUNSI REVIEW COMPLETE: _____ALB_____ (Reviewer's Initials)

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OFFICE	RI/DRP	RI/DRP	RI/DRP
NAME	SMcCarver/SM	LCline/LC	ABurritt/ALB
DATE	08/24 /07	08/27/07	08/27 /07

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Hope Creek
Inspection / Activity Plan
07/01/2007 - 12/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	9/24 EXM	- INITIAL OPERATOR LICENSING EXAMS	5			
1	U01661	FY07 - HOPE CREEK INITIAL OPERATOR LICENSING		08/27/2007	08/31/2007	Not Applicable
1	U01661	FY07 - HOPE CREEK INITIAL OPERATOR LICENSING		09/24/2007	10/05/2007	Not Applicable
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/09/2007	07/13/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/09/2007	07/13/2007	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/09/2007	07/13/2007	Baseline Inspections
	MODS	- MODS AND 50.59	3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		07/16/2007	07/20/2007	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		07/16/2007	07/20/2007	Baseline Inspections
	71152B	- PI&R	4			
1	IP 71152B	Identification and Resolution of Problems		09/17/2007	09/21/2007	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		09/24/2007	09/28/2007	Baseline Inspections
	7112203	- PUB RAD SAFETY - REMP	1			
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		09/17/2007	09/21/2007	Baseline Inspections
	71004	- POWER UPRATE	2			
1	IP 71004	Power Uprate		10/01/2007	12/31/2007	Other Routine
	7111108G	- IN-SERVICE INSPECTION	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		10/15/2007	10/19/2007	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/22/2007	10/26/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/22/2007	10/26/2007	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/22/2007	10/26/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/22/2007	10/26/2007	Baseline Inspections
	7112202	- PUB RAD SAFETY - RADWASTE	1			
1	IP 7112202	Radioactive Material Processing and Transportation		12/03/2007	12/14/2007	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		12/03/2007	12/14/2007	Baseline Inspections
	7112201	- PUB RAD SAFETY - RETS	1			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/28/2008	02/01/2008	Baseline Inspections
	7111107B	- HEAT SINK INSP	1			
1	IP 7111107B	Heat Sink Performance		02/25/2008	02/29/2008	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/12/2008	05/16/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/12/2008	05/16/2008	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/12/2008	05/16/2008	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
07/01/2007 - 12/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EP	- EP EXERCISE EVALUATION	4			
1	IP 7111401	Exercise Evaluation		05/19/2008	05/23/2008	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/19/2008	05/23/2008	Baseline Inspections
1	IP 71151-EP01	Drill/Exercise Performance		05/19/2008	05/23/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		05/19/2008	05/23/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		05/19/2008	05/23/2008	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/21/2008	07/25/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/21/2008	07/25/2008	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/21/2008	07/25/2008	Baseline Inspections
	711111B	- REQUAL INSPECTION +P/F REVIEW	5			
1	IP 7111111B	Licensed Operator Requalification Program		10/06/2008	10/10/2008	Baseline Inspections
	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
	7111121	- CDBI	6			
1	IP 7111121	Component Design Bases Inspection		10/06/2008	10/10/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		10/20/2008	10/24/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		10/27/2008	10/31/2008	Baseline Inspections