

August 30, 2005

Mr. Gene St. Pierre
Site Vice President
FPL Energy Seabrook, LLC
Seabrook Station
c/o Mr. James M. Peschel
P.O. Box 300
Seabrook, NH 03874

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - SEABROOK
STATION

Dear Mr. St. Pierre:

On August 2, 2005, the NRC staff completed its performance review of Seabrook Nuclear Power Station for the first half of the calendar year 2005 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 physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter for Seabrook Nuclear Power Station 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.

The enclosed inspection plan lists the inspections, less those related to physical protection, scheduled through March 31, 2007. The inspection plan is provided to allow for scheduling conflicts and personnel availability to be resolved 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.

Mr. Gene St. Pierre

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5120 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Paul G. Krohn, Chief
Reactor Projects Branch 6
Division of Reactor Projects

Docket No. 50-443
License No: NPF-86

Enclosure: Seabrook Nuclear Power Station Inspection/Activity Plan

cc w/encl:

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SISP Review Complete: PGK (Reviewer’s Initials)

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OFFICE	R1/DRP	E	R1/DRP	E	R1/DRP		
NAME	SBarber/GSB		SShaffer/GSB for		PKrohn/PGK		
DATE	08/03/2005		08/05/2005		08/10/2005		

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Seabrook
Inspection / Activity Plan
 08/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71114	- EP PROGRAM & EP PI INSPECTION	1			
1	IP 7111402	Alert and Notification System Testing		08/29/2005	09/02/2005	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		08/29/2005	09/02/2005	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/29/2005	09/02/2005	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/29/2005	09/02/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/29/2005	09/02/2005	Baseline Inspections
	7111111B	- LO REQUAL PROGRAM INSPECTION&P/F RESULTS	2			
1	IP 7111111B	Licensed Operator Requalification Program		12/12/2005	12/16/2005	Baseline Inspections
1	IP 7111111B	Licensed Operator Requalification Program		12/19/2005	12/23/2005	Baseline Inspections
	7112203	- PUB RAD SAFETY - REMP	1			
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		12/19/2005	12/23/2005	Baseline Inspections
	7112101	- OCC RAD SAFETY - ACCESS	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		01/17/2006	01/20/2006	Baseline Inspections
	MODS	- MODS & 50.59	3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/13/2006	03/17/2006	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		03/13/2006	03/17/2006	Baseline Inspections
	7111401	- EXERCISE EVALUATION & EP PI VERIFICATOIN	5			
1	IP 7111401	Exercise Evaluation		04/10/2006	04/14/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/10/2006	04/14/2006	Baseline Inspections
	7112202	- PUB RAD SAFETY - RADWASTE	1			
1	IP 7112202	Radioactive Material Processing and Transportation		05/15/2006	05/19/2006	Baseline Inspections
	7112103	- OCC RAD SAFETY - INSTRUMENTS	1			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/28/2006	09/01/2006	Baseline Inspections
	7111108P	- INSERVICE INSPECTION	1			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03		10/23/2006	10/27/2006	Safety Issues
1	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	10/27/2006	Baseline Inspections
	7112102	- OCC RAD SAFETY - ALARA	1			
1	IP 7112102	ALARA Planning and Controls		10/23/2006	10/27/2006	Baseline Inspections
	71152B	- PI&R	5			
1	IP 71152B	Identification and Resolution of Problems		11/27/2006	12/01/2006	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		12/11/2006	12/15/2006	Baseline Inspections
	7112101	- OCC RAD SAFETY	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		01/29/2007	02/02/2007	Baseline Inspections

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