

March 3, 2003

Mr. Mark E. Warner
Site Vice President
c/o Mr. James M. Peschel
FPL Energy Seabrook, LLC
Seabrook Station
P.O. Box 300
Seabrook, NH 03874

SUBJECT: ANNUAL ASSESSMENT LETTER - SEABROOK STATION
(REPORT NO. 50-443/03-001)

Dear Mr. Warner:

On February 6, 2003, the NRC staff completed its end-of-cycle plant performance assessment of Seabrook Station. The end-of-cycle review for Seabrook Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2002. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Overall, Seabrook Station operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance 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 only baseline inspections at your facility through March 31, 2004.

While plant performance for the most recent quarter was within the licensee response column of the Action Matrix, performance had been within the Regulatory Response Column during the first quarter of the assessment period based on a single inspection finding of low to moderate safety significance (White) in the mitigating systems cornerstone. This finding, documented in March 2001, involved the failure of one emergency diesel generator. Since your corrective actions for this finding were completed and the results of the supplemental inspection were satisfactory, the finding was removed from the assessment process on March 31, 2002.

In our Mid-Cycle Assessment Letter dated August 26, 2002, we advised you of a substantive cross-cutting performance issue in the area of Problem Identification and Resolution (PI&R). This issue had been documented in the past two Annual Assessment Letters for Seabrook Station and involved the inconsistent evaluation of degraded equipment. Based on the results of our routine resident inspections and our PI&R team inspection in September 2002, we conclude that your efforts to improve the quality of evaluations have resulted in a decrease in the number and significance of inspection findings. As a result, the NRC no longer considers Seabrook Station's performance indicative of a substantive cross-cutting issue in the area of PI&R.

The enclosed inspection plan details the inspections scheduled through March 31, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of the inspectors' arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plan are tentative and may be revised at the Mid-Cycle Review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2003, we plan to continue these inspections, conduct portions of the security baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

In accordance with 10 CFR 2.790 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 component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which necessitate our changing the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Brian McDermott at 610-337-5233 with any questions regarding this letter or the inspection plan.

Sincerely,

/RA/

A. Randolph Blough, Director
Division of Reactor Projects

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

Enclosure: Seabrook Inspection/ Activity Plan

cc w/encl:

J. A. Stall, FPL Senior Vice President, Nuclear & CNO

J. M. Peschel, Manager - Regulatory Programs

G. F. St. Pierre, Station Director - Seabrook Station

R. S. Kundalkar, FPL Vice President - Nuclear Engineering

D. G. Roy, Nuclear Training Manager - Seabrook Station

D. Bliss, Director, New Hampshire Office of Emergency Management

D. McElhinney, RAC Chairman, FEMA RI, Boston, Mass

R. Backus, Esquire, Backus, Meyer and Solomon, New Hampshire

D. Brown-Couture, Director, Nuclear Safety, Massachusetts Emergency Management Agency

S. McGrail, Director, Massachusetts Emergency Management Agency

R. Hallisey, Director, Dept. of Public Health, Commonwealth of Massachusetts

M. Metcalf, Seacoast Anti-Pollution League

D. Tefft, Administrator, Bureau of Radiological Health, State of New Hampshire

S. Comley, Executive Director, We the People of the United States

W. Meinert, Nuclear Engineer, Massachusetts Municipal Wholesale Electric company

R. Shadis, New England Coalition Staff

P. Brann, Assistant Attorney General

M. S. Ross, Attorney, Florida Power & Light Company

Office of the Attorney General

Town of Exeter

Board of Selectmen

Mr. Mark E. Warner

4

Distribution w/encl: (VIA E-MAIL)

H. Miller, RA
 J. Wiggins, DRA
 D. Screnci, PAO
 T. McGinty, EDO Coordinator
 J. Clifford, NRR
 D. Starkey, PM, NRR
 V. Nerses, Backup PM, NRR
 B. McDermott, DRP
 K. Jenison, DRP
 G. Dentel, SRI - Seabrook
 DRS Director, Region I
 DRS Branch Chief (5)
 T. Moslak, DRS
 P. Frechette, DRS
 N. McNamara, DRS
 B. Platchek, DRP
 Region I Docket Room (with concurrences)
 RidsNrrDipmlipb

DOCUMENT NAME: G:\BRANCH6\Seabrook\Seabrook 2003 EOC Letter.wpd

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RI/DRP		RI/DRP		RI/DRP				
NAME	KJenison/ KMJ		BMcDermott/ BJM		ABlough/ ARB				
DATE	02/28 /03		02/28/03		03/03/03				

OFFICIAL RECORD COPY

Seabrook
Inspection / Activity Plan
12/29/2002 - 03/27/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	7111121 - SSDI		6			
1	IP 7111121	Safety System Design and Performance Capability		02/10/2003	02/14/2003	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		02/24/2003	02/28/2003	Baseline Inspections
	6/2 EXM - OPERATOR LICENSING INITIAL EXAMS		4			
1	U01492	SEABROOK INITIAL EXAM (6/2-6/03)		04/28/2003	05/02/2003	Not Applicable
1	U01492	SEABROOK INITIAL EXAM (6/2-6/03)		06/02/2003	06/06/2003	Not Applicable
	71121.01 - OCC RAD SAFETY - ACCESS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/03/2003	03/07/2003	Baseline Inspections
	7111112B - MAINTENANCE RULE		1			
1	IP 7111112B	Maintenance Effectiveness		03/10/2003	03/14/2003	Baseline Inspections
	T1148BC - SEC ICM		6			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		04/07/2003	04/11/2003	Safety Issues
	7111107B - HEAT SINK		1			
1	IP 7111107B	Heat Sink Performance		06/02/2003	06/06/2003	Baseline Inspections
	71122.03 - REMP		1			
1	IP 7112203	Radiological Environmental Monitoring Program		08/25/2003	08/29/2003	Baseline Inspections
	71114 - EP PROGRAM INSP & PI VERIFICATION		1			
1	IP 7111402	Alert and Notification System Testing		09/21/2003	09/25/2003	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		09/21/2003	09/25/2003	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/21/2003	09/25/2003	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/21/2003	09/25/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/21/2003	09/25/2003	Baseline Inspections
	7111108P - INSERVICE INSPECTION		2			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		10/05/2003	10/07/2003	Safety Issues
1	IP 7111108P	Inservice Inspection Activities - PWR		10/26/2003	11/01/2003	Baseline Inspections
	71121.02 - OCC RAD SAFETY - ALARA		1			
1	IP 7112102	ALARA Planning and Controls		10/27/2003	10/31/2003	Baseline Inspections
	7111111B - L.O.REQUALIFICATION PROGRAM		2			
1	IP 7111111B	Licensed Operator Requalification		11/17/2003	11/21/2003	Baseline Inspections
	7111117B - PERMANENT PLANT MODS		3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/12/2004	01/16/2004	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		01/12/2004	01/16/2004	Baseline Inspections
	7112201 - PUB RAD SAFETY - RETS		1			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/22/2004	03/26/2004	Baseline Inspections

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