



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

March 10, 2006

Docket No. 50-443

SBK-L-06050

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

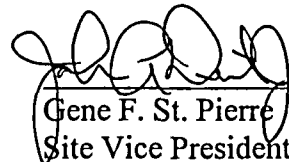
Seabrook Station
February 2006 Monthly Operating Report

Enclosed please find Monthly Operating Report 06-02. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of February, 2006 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Should you require further information regarding this matter, please contact Mr. Paul V. Gurney, Reactor Engineering Supervisor, at (603) 773-7776.

Very truly yours,

FPL Energy Seabrook, LLC

 for Gene F. St. Pierre
Gene F. St. Pierre
Site Vice President

cc: S. J. Collins, NRC Region I Administrator
G.E. Miller, NRC Project Manager, Project Directorate I-2
G.T. Dentel, NRC Senior Resident Inspector

IE24

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT NAME Seabrook 1
DATE March 06, 2006
COMPLETED BY Kevin Randall
TELEPHONE (603) 773-7992

REPORTING PERIOD: February 2006

1. Design Electrical Rating	<u>1,222.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,221.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>672.00</u>	<u>1,416.00</u>	<u>121,043.68</u>	
4. Number of Hours Generator On-line	<u>672.00</u>	<u>1,416.00</u>	<u>118,043.16</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>819,400.09</u>	<u>1,726,803.06</u>	<u>133,813,306.32</u>	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: The unit operated at 100% power for 631 out of 672 hours this month. ISO-NE requested several load reductions to below 1200 MWe (2-3% RTP). The Unit returned to full power operation following each. This yielded an availability factor of 100% and a capacity factor of 99.86% based on the MDC value of 1221.0 Net MWe.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)