



**FPL Energy**  
**Seabrook Station**

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

May 2, 2006

Docket No. 50-443

SBK-L-06107

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

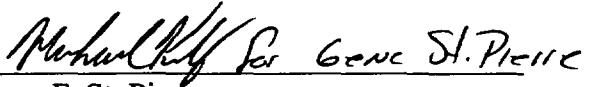
Seabrook Station  
April 2006 Monthly Operating Report

Enclosed please find Monthly Operating Report 06-04. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of April, 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

  
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

## OPERATING DATA REPORT

**DOCKET NO.** 50-443  
**UNIT NAME** Seabrook 1  
**DATE** May 01, 2006  
**COMPLETED BY** Peter Nardone  
**TELEPHONE** (603) 773-7074

**REPORTING PERIOD:** April 2006

<b>1. Design Electrical Rating</b>	<u>1,222.00</u>			
<b>2. Maximum Dependable Capacity (MWe-Net)</b>	<u>1,221.00</u>			
	<u><b>This Month</b></u>	<u><b>Yr-to-Date</b></u>	<u><b>Cumulative</b></u>	
<b>3. Number of Hours the Reactor was Critical</b>	<u>719.00</u>	<u>2,879.00</u>	<u>122,506.68</u>	
<b>4. Number of Hours Generator On-line</b>	<u>719.00</u>	<u>2,879.00</u>	<u>119,506.16</u>	
<b>5. Reserve Shutdown Hours</b>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
<b>6. Net Electrical Energy Generated (MWHrs)</b>	<u>877,435.75</u>	<u>3,512,127.02</u>	<u>135,598,630.28</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 679 out of 719 hours this month. ISO-NE requested several load reductions to below 1200 MWe-Net (2-3% RTP). This yielded an availability factor of 100% and a capacity factor of 99.95% 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)**