



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

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>719.00</u>	<u>2,879.00</u>	<u>122,506.68</u>
4. Number of Hours Generator On-line	<u>719.00</u>	<u>2,879.00</u>	<u>119,506.16</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>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)**

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Method:

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