FPL Energy
Seabrook Station

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

April 10, 2006

Docket No. 50-443

SBK-L-06080

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

Seabrook Station
March 2006 Monthly Operating Report

Enclosed please find Monthly Operating Report 06-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 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

IE24

OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT NAME	Seabrook 1
DATE	April 10, 2006
COMPLETED BY	Peter Nardone
TELEPHONE	(603) 773-7074

REPORTING PERIOD: March 2006

1. Design Electrical Rating	1,222.00	
2. Maximum Dependable Capacity (MWe-Net)	1,221.00	

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	2,160.00	121,787.68
4. Number of Hours Generator On-line	744.00	2,160.00	118,787.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	907,888.21	2,634,691.27	134,721,194.5

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

SUMMARY: The Unit operated at 100% power for 694 out of 744 hours this month. ISO-NE requested several load reductions to below 1200 MWe-Net (2-3% RTP). The Unit returned to full power operation following each with the exception of the first of two load reductions on 03/10. Operations reduced load and stabilized the Unit at 1205 MWe-Net (1-2% RTP) following an unexpected response during Quarterly Turbine Valve testing The unit also operated with one of its three CW pumps removed from service (97 hours) for planned maintenance. Net generation increase to 1223 MWe during this interval because of the decrease in Station Service Load. This yielded an availability factor of 100% and a capacity factor of 99.94% based on the MDC value of 1221.0 Net MWe.

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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)