FPL Energy
Seabrook Station

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

JUN 1 4 2005

Docket No. 50-443
SBK-L-05131

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

Seabrook Station
May 2005 Monthly Operating Report

Enclosed please find Monthly Operating Report 05-05. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of May, 2005 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 Mark E. Warner
Site Vice President

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

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OPERATING DATA REPORT

DOCKET NO.	50-443
UNIT NAME	Seabrook 1
DATE	June 08, 2005
COMPLETED BY	Peter Nardone
TELEPHONE	603 773-7074

REPORTING PERIOD: May 2005

1.	Design Electrical Rating	1,220.00
2.	Maximum Dependable Capacity (MWe-Net)	1,218.00

		This Month	Yr-to-Date	Cumulative
3.	Number of Hours the Reactor was Critical	726.55	2,876.88	114,490.68
4.	Number of Hours Generator On-line	682.32	2,791.87	111,490.16
5.	Reserve Shutdown Hours	0.00	0.00	0.00
6.	Net Electrical Energy Generated (MWHrs)	768,634.64	3,188,607.14	125,819,903.91

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
05-02	04/01/2005	S	33.55	C	4	Scheduled Refueling Outage
05-03	05/02/2005	S	21.47	B	1	Turbine off-line for overspeed testing and balancing
05-04	05/04/2005	F	6.67	A	5	Turbine offline to repair steam leak on Main Steam Drain line from Turbine Control Valve # 3. Reactor power held at 16%RTP.

SUMMARY: The Unit returned to full power operation following Refueling Outage 10. It is now operating at a new uprated 100% RTP of 3587 MWt.

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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)