FPL Energy
Seabrook Station

FEB 1 0 2005

Docket No. 50-443
SBK-L-05039

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

Seabrook Station
January 2005 Monthly Operating Report

Enclosed please find Monthly Operating Report 05-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January 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   February 11, 2005
COMPLETED BY   Peter Nardone
TELEPHONE   (603) 773-7074

REPORTING PERIOD: January 2005

1. Design Electrical Rating   1,148.00
2. Maximum Dependable Capacity (MWe-Net)   1,155.30

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	744.00	112,357.80
4. Number of Hours Generator On-line	744.00	744.00	109,442.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	862,283.17	862,283.17	123,493,579.94

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 the entire month. This yielded an availability factor of 100% and a capacity factor of 100.32% based on the MDC value of 1155.3 Net MWe.

1	2
Reason:	**Method:**
A Equipment Failure (Explain)	1 Manual
B Maintenance or Test	2 Manual Trip/Scram
C Refueling	3 Automatic Trip/Scram
D Regulatory Restriction	4 Continuation
E Operator Training & License Examination	5 Other (Explain)
F Administration	
G Operational Error (Explain)	
H Other (Explain)	