



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

October 7, 2002

Docket No. 50-443

NYN-02092

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


Seabrook Station
September 2002 Monthly Operating Report

Enclosed please find Monthly Operating Report 02-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 2002 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, Manager – Reactor Engineering, at (603) 773-7776.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



MR G. ST. PIERRE

Gene F. St. Pierre
Station Director

cc:

H. J. Miller, NRC Region I Administrator
R. D. Starkey, NRC Project Manager, Project Directorate I-2
G.T. Dentel, NRC Senior Resident Inspector

IE24.

OPERATING DATA REPORT

DOCKET NO. 50-443
 UNIT Seabrook 1
 DATE October 1, 2002
 COMPLETED BY J. L. Dalton
 TELEPHONE (603) 773-7025

<u>OPERATING STATUS</u>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	SEPTEMBER 2002		
3.	Licensed Thermal Power (MWt):	3411.0		
4.	Design Electrical Rating (Net MWe):	1148.0		
5.	Maximum Dependable Capacity (Net MWe):	1155.3		
6.	If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons:	Not Applicable		
		This Month	Yr-to-Date	Cumulative
7.	Number of Hours Reactor Was Critical	720.0	5921.7	92425.6
8.	Hours Generator On-Line	720.0	5874.7	89583.4
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	832233	6736976	100622508

<u>OPERATING SUMMARY</u>
<p>The unit operated at 100% Rated Thermal Power (RTP) for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.1% based on the MDC value of 1155.3 Net Mwe.</p>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE October 1, 2002

COMPLETED BY J. L. Dalton

TELEPHONE (603) 773-7025

MONTH: SEPTEMBER 2002

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
No entries for this month.							
¹ F: Forced S: Scheduled		² Reason: A - Equipment Failure (Explain) B - Maintenance or Test C - Refueling D - Regulatory Restriction E - Operator Training / License Examination F - Administrative G - Operational Error (Explain) H - Other (Explain)			³ Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		