



**North  
Atlantic**

North Atlantic Energy Service Corporation  
P.O. Box 300  
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The Northeast Utilities System

October 11, 2000

Docket No. 50-443

NYN-00090

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Seabrook Station  
September 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 2000 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. James M. Peschel, Manager - Regulatory Programs, at (603) 773-7194.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.

  
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W. A. DiProffio  
Station Director

cc:

H. J. Miller, NRC Region I Administrator  
R. M. Pulsifer, NRC Project Manager, Project Directorate 1-2  
R. K. Lorson, NRC Senior Resident Inspector

IE24

# OPERATING DATA REPORT

DOCKET NO. 50-443  
 UNIT Seabrook 1  
 DATE October 1, 2000  
 COMPLETED BY P.E. Nardone  
 TELEPHONE (603) 773-7074

<b><u>OPERATING STATUS</u></b>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	SEPTEMBER 2000		
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	6481.8	78210.6
8.	Hours Generator On-Line	720.0	6431.4	75524.3
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	832409	7410511	84682307

### **OPERATING SUMMARY**

The unit operated at 100% RTP for all but the last 12 hours of the month. Commenced end of cycle coastdown. This yielded an availability factor of 100% and a capacity factor of 100.07% based on the MDC value of 1155.3 Net MWe.

NOTE: Decreased MDC value (Item 5) starting 05/01/99

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443  
 UNIT Seabrook 1  
 DATE October 1, 2000  
 COMPLETED BY P.E. Nardone  
 TELEPHONE (603) 773-7074

MONTH SEPTEMBER, 2000

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS COMMENTS	
00-05	09/30/00	S	0.0	H	5	Commenced end of cycle coastdown on 09/30/00 @ 1145 hrs.	
<sup>1</sup> <b>F: Forced</b> <b>S: Scheduled</b>		<sup>2</sup> <b>Reason:</b> 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)			<sup>3</sup> <b>Method:</b> 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)		