



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

December 10, 2001

Docket No. 50-443

NYN-01100

CR 01-00098-11

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

Seabrook Station
November 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-11. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of November, 2001 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.



Gene F. St. Pierre
Station Director

cc:

H. J. Miller, NRC Region I Administrator
G. F. Wunder, NRC Project Manager, Project Directorate 1-2
G.T. Dentel, NRC Senior Resident Inspector

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12/31/01

OPERATING DATA REPORT

DOCKET NO. 50-443

UNIT Seabrook 1

DATE December 1, 2001

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

OPERATING STATUS

1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	NOVEMBER 2001		
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	7065.4	85759.9
8.	Hours Generator On-Line	720.0	6960.5	82964.7
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	801817	7830380	93023672

OPERATING SUMMARY

The unit operated at 100% Rated Thermal Power (RTP) for all but fifty-seven hours this month. It operated at a reduced power level for the remaining period while repairing a steam leak on the Heater Drain Tank. This yielded an availability factor of 100.0% and a capacity factor of 96.4% based on the MDC value of 1155.3 Net MWe.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE December 1, 2001

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH: NOVEMBER 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS
01-12	11/11/01	F	0.0	A	5	<p>A steam leak was identified on the Heater Drain Tank man-way.</p> <p>Power was reduced to 24% RTP to remove both Heater Drain Pumps from service and lower the pressure in the tank.</p> <p>The man-way-strong-back was seal welded to the Heater Drain Tank on 11/12/01.</p> <p>The Unit remained on-line during the repair and returned to 100% RTP on 11/13/01.</p>
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)	