



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

November 6, 2001

Docket No. 50-443

NYN-01091

CR 01-00098-10

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

Seabrook Station
October 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-10. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of October, 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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-443
 UNIT Seabrook 1
 DATE November 1, 2001
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

<u>OPERATING STATUS</u>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	OCTOBER 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	644.0	6345.4	85039.9
8.	Hours Generator On-Line	633.8	6240.5	82244.7
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	723433	7028564	92221856

OPERATING SUMMARY

The unit operated at 100% RTP for 25 days this month. It was off-line for 111.2 hours as a result of an automatic reactor trip. This yielded an availability factor of 85.1% and a capacity factor of 84.1% based on the MDC value of 1155.3 Net MWe.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443
 UNIT Seabrook 1
 DATE November 1, 2001
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

MONTH: OCTOBER 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
01-10	10/02/01	F	0.0	B/F	5	Reduced power to 98% RTP to complete a calibration on Loop 4 Reactor Protection Temperature channel. Operations procedures required a 2% RTP power reduction with Loops 1, 3 or 4 temperature channels in a tripped condition. This action provides margin against an inadvertent OPΔT/OTΔT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation that same day.	
01-11	10/15/01	F	111.2	B	3	Control Rod N-11 in Shutdown Bank D dropped during a control rod operability surveillance. This resulted in an automatic reactor trip from 100% RTP on a Nuclear Instrumentation negative rate. LER 01-003 will be issued to document this event. The Unit returned to full power operation on 10/21.	
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)		