



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

February 15, 2000

Docket No. 50-443

NYN-00012

AR#98019475

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

Seabrook Station
January 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January, 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.



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	February 1, 2000
COMPLETED BY	P.E. Nardone
TELEPHONE	(603) 773-7074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	JANUARY 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	709.6	709.6	72438.5
8.	Hours Generator On-Line	670.5	670.5	69763.4
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	756025	756025	78027821

OPERATING SUMMARY
<p>The Unit operated at 100% RTP for 25 days this month. It was off-line for 73.5 hours to replace the Main Turbine electrical trip solenoid valve. This yielded an availability factor of 90.1% and a capacity factor of 88%.</p>

*NOTE: Revised contents of Monthly Operating Report in accordance with Generic Letter 97-02
Decreased MDC value (Item 5) starting 05/01/99

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

MONTH JANUARY, 2000

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
00-01	01-08-00	F	73.5	A/F	1	<p>Identified a degrading problem with the Main Turbine electrical trip solenoid valve (ETSV) during weekly surveillance testing. Station procedures require a turbine shutdown within seven days if the problem cannot be resolved on-line.</p> <p>Reduced power from 100% RTP and opened the generator breaker. Reactor power held at 16% RTP while the electrical trip solenoid valve was replaced. The Station elected to replace the mechanical trip valve (MTV) to correct an alarm reset problem.</p> <p>During preparations for turbine restart, Steam Generator chemistry was found out of specification (Action Level III) for high chlorides requiring a Reactor shutdown to Mode 3. Additional problems with the Digital Rod Position Indication system (DRPI) further delayed the Reactor restart until 01/10.</p> <p>The Unit returned to full power operation on 01/12.</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)		