



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

June 8, 2001

Docket No. 50-443

NYN-01049

CR 01-00098-05

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

Seabrook Station
May 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-05. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of May, 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
V. Nerses, NRC Project Manager, Project Directorate 1-2
G.T. Dentel, NRC Senior Resident Inspector

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OPERATING DATA REPORT

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

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	MAY 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	744.0	2773.4	81467.9
8.	Hours Generator On-Line	744.0	2678.7	78682.9
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	839713	2939239	88132530

OPERATING SUMMARY

The unit operated at 100% Rated Thermal Power (RTP) for 14 days this month. It operated at 95% RTP for the remaining period with one of the three Circulating Water (CW) pumps out of service for repairs. This yielded an availability factor of 100% and a capacity factor of 97.7% based on the Maximum Dependable Capacity (MDC) value of 1155.3 Net MWe.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

MONTH: MAY 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
01-06	05/07/01	F	0.0	A/F	5	<p>CW-P-39A tripped due to a timed overcurrent. The trip was caused by the failure of the pump shaft coupling nuts.</p> <p>In order to comply with the CW Delta-T requirements of the National Pollutant Discharge Elimination System (NPDES) permit, power was reduced to 95% RTP.</p> <p>The pump was replaced following refurbishment of one of the spare pumps. The Unit returned to full power operation on 05/23/01.</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)		