



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

August 6, 2001

Docket No. 50-443

NYN-01074

CR 01-00098-07

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

Seabrook Station
July 2001 Monthly Operating Report

Enclosed please find Monthly Operating Report 01-07. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of July, 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.

*BAETT PLUMMER
OPERATIONS MGR FOR GENE ST. PIERRE*

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	August 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:	JULY 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	4237.4	82931.9
8.	Hours Generator On-Line	744.0	4142.7	80146.9
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	861913	4635322	89828614

OPERATING SUMMARY

The unit operated at 100% Rated Thermal Power (RTP) for all but twenty-three hours this month. It reduced power to 95% RTP to perform an inspection/repair on one of the three Circulating Water (CW) pumps. This yielded an availability factor of 100% and a capacity factor of 100.28% 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 August 1, 2001
 COMPLETED BY P.E. Nardone
 TELEPHONE (603) 773-7074

MONTH: JULY 2001

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE / CORRECTIVE ACTIONS COMMENTS	
01-08	07/12/01	S	0.0	B/F	5	<p>CW-P-39B was removed from service for a scheduled underwater inspection of the pump impeller nosecone nut retaining pin and 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 retaining pin was found partially corroded and replaced. The shaft coupling nuts were verified to be the correct material and in excellent condition. The Unit returned to full power operation the same day.</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)		