

**North  
Atlantic**

North Atlantic Energy Service Corporation  
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The Northeast Utilities System

August 10, 2000

Docket No. 50-443

NYN-00071

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


Seabrook Station  
July 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-07. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of July, 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.

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

<b>OPERATING STATUS</b>				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	JULY 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	744.0	5017.8	76746.6
8.	Hours Generator On-Line	744.0	4967.4	74060.3
9.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
10.	Net Electrical Energy Generated (MWH)	860222	5718006	82989802

## **OPERATING SUMMARY**

The unit operated at 100% RTP for all but 7 hours this month. Reactor power was reduced to 98% RTP to facilitate repair of a Safety Related Inverter. This yielded an availability factor of 100% and a capacity factor of 100.08% based on the MDC value of 1155.3 Net MWe.

NOTE: Decreased MDC value (Item 5) starting 05/01/99

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443

UNIT Seabrook 1

DATE August 1, 2000

COMPLETED BY P.E. Nardone

TELEPHONE (603) 773-7074

MONTH JULY, 2000

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE / CORRECTIVE ACTIONS  COMMENTS
00-04	07/06/00	F	0.00	A/F	5	Reduced reactor power to 98% RTP to replace a failed circuit board in Safety Related Inverter PP-1C. Loop 3 Reactor Protection channels powered by this source were placed in a tripped condition prior to de-energizing the inverter. 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 OPDT reactor trip due to the Upper Plenum Flow Anomaly. Unit returned to full power operation early the next day.
<sup>1</sup> F: Forced S: Scheduled		<sup>2</sup> 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)			<sup>3</sup> Method: 1 - Manual 2 - Manual Trip 3 - Automatic Trip 4 - Continued from previous month 5 - Other (Explain)	