North Atlantic

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

September 6, 2000

Docket No. 50-443

NYN-00079

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

Seabrook Station
August 2000 Monthly Operating Report

Enclosed please find Monthly Operating Report 00-08. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of August, 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. DiProfio
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 | September 1, 2000 |
| COMPLETED BY | P.E. Nardone |
| TELEPHONE | (603) 773-7074 |

**OPERATING STATUS**

| | | |
|---|---|---|
| 1. | Unit Name: | Seabrook Station Unit 1 |
| 2. | Reporting Period: | AUGUST 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 | 5761.8 | 77490.6 |
| 8. | Hours Generator On-Line | 744.0 | 5711.4 | 74804.3 |
| 9. | Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 10. | Net Electrical Energy Generated (MWH) | 860096 | 6578102 | 83849898 |

**OPERATING SUMMARY**

The unit operated at 100% RTP for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.06% 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 | September 1, 2000 |
| COMPLETED BY | P.E. Nardone |
| TELEPHONE | (603) 773-7074 |

MONTH AUGUST, 2000

| NO. | DATE | TYPE [1] | DURATION (HOURS) | REASON [2] | METHOD OF SHUTTING DOWN REACTOR [3] | CAUSE / CORRECTIVE ACTIONS COMMENTS |
|---|---|---|---|---|---|---|
| | | | | | | No entries for this month. |

[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)