



**North  
Atlantic**

Energy Service Corporation

P.O. Box 300  
Seabrook, NH 03874  
Telephone (603) 474-9521  
Facsimile (603) 474-2987

Ted C. Feigenbaum  
Senior Vice President and  
Chief Nuclear Officer

NYN- 92110

August 13, 1992

United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Document Control Desk

References: Facility Operating License NPF-86, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 92-07. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of July, 1992 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

Ted C. Feigenbaum

Enclosure

cc: Mr. Thomas T. Martin  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Gordon E. Edison, Sr. Project Manager  
Project Directorate I-3  
Division of Reactor Projects  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Mr. Noel Dudley  
NRC Senior Resident Inspector  
P.O. Box 1149  
Seabrook, NH 03874

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a member of the Northeast Utilities system

OPERATING DATA REPORT

DOCKET NO. 50-443  
 UNIT Seabrook 1  
 DATE 08/06/92  
 COMPLETED BY P. Nardone  
 TELEPHONE (603) 474-9521  
 (Ext. 4074)

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: JULY 1992
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1197
5. Design Electrical Rating (Net MWe): 1148
6. Maximum Dependable Capacity (Gross MWe): 1200
7. Maximum Dependable Capacity (Net MWe): 1150
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7)  
 Since Last Report, Give Reasons: Not Applicable
9. Power Level To Which Restricted, If Any: No
10. Reasons For Restrictions, If Any: Not Applicable

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5111.0</u>	<u>50760.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5111.0</u>	<u>17476.5</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>953.3</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5111.0</u>	<u>15635.0</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2537068</u>	<u>17421881</u>	<u>50491741</u>
17. Gross Elec. Energy Generated (MWH)	<u>887470</u>	<u>6093774</u>	<u>17465023</u>
18. Net Electrical Energy Generated (MWH)	<u>852774</u>	<u>5860035</u>	<u>16768410</u>
*19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>83.4</u>
*20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>83.4</u>
*21. Unit Capacity Factor (Using MDC Net)	<u>99.7</u>	<u>99.7</u>	<u>80.0</u>
*22. Unit Capacity Factor (Using DER Net)	<u>99.8</u>	<u>99.9</u>	<u>80.2</u>
*23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>5.7</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): REFUELING, 09/07/92, 59 DAYS			
25. If Shut Down At End Of Report Period, Estimated Date Of Startup: Not Applicable			

\*NOTE: "Cumulative" values based on total hours starting 08/19/90, date Regular Full Power Operation began.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-443  
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MONTH JULY, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1147</u>	16	<u>1144</u>
2	<u>1146</u>	17	<u>1145</u>
3	<u>1146</u>	18	<u>1146</u>
4	<u>1146</u>	19	<u>1146</u>
5	<u>1146</u>	20	<u>1144</u>
6	<u>1146</u>	21	<u>1147</u>
7	<u>1146</u>	22	<u>1147</u>
8	<u>1146</u>	23	<u>1147</u>
9	<u>1146</u>	24	<u>1147</u>
10	<u>1147</u>	25	<u>1147</u>
11	<u>1146</u>	26	<u>1147</u>
12	<u>1146</u>	27	<u>1147</u>
13	<u>1146</u>	28	<u>1147</u>
14	<u>1146</u>	29	<u>1147</u>
15	<u>1145</u>	30	<u>1147</u>
		31	<u>1146</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

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UNIT Seabrook 1  
DATE 08/06/92  
COMPLETED BY P. Nardone  
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY, 1992

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	Cause & Corrective Action to Prevent Recurrence
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NO ENTRIES FOR THIS MONTH

<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 Scram  
3-Automatic Scram  
4-Continued from  
previous month  
5-Power Reduction  
(Duration = 0)  
9-Other (Explain)

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REFUELING INFORMATION REQUEST

1. Name of facility: Seabrook Unit 1
2. Scheduled date for next refueling shutdown: 09/07/92
3. Scheduled date for restart following refueling: 11/04/92
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Yes, Reactor Coolant System Narrow Range RTD Bypass Elimination

5. Scheduled date(s) for submitting licensing action and supporting information:

March 15, 1992

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

Next refueling will be the initial start of the eighteen-month fuel cycle schedule.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 193 (b) 78

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

Present licensed capacity: 1236

No increase in storage capacity requested or planned.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

Licensed capacity of 1236 fuel assemblies based on two annual and twelve eighteen-month refuelings with full core offload capability.

The current licensed capacity is adequate until at least the year 2010.