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Ted C. Feigenbaum  
Senior Vice President and  
Chief Nuclear Officer

NYN- 93072

May 13, 1993

United States Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Document Control Desk

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

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 93-04. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of April, 1993 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

Ted C. Feigenbaum

Enclosure(s)

TCF:ALL/tad

cc: Mr. Thomas T. Martin  
Regional Administrator  
United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Albert W. De Agazio, Sr. Project Manager  
Project Directorate 1-4  
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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member of the Northeast Utilities system

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North Atlantic  
May 13, 1993

ENCLOSURE 1 TO NYN-93072

# OPERATING DATA REPORT

DOCKET NO. 50-443  
UNIT Seabrook 1  
DATE 05/13/93  
COMPLETED BY P. E. Nardone  
TELEPHONE (603) 474-9521  
Ext. 4074

## OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1  
2. Reporting Period: APRIL 1993  
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: None  
10. Reasons For Restrictions, If Any: Not Applicable

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719.0</u>	<u>2879.0</u>	<u>57312.0</u>
12. Number Of Hours Reactor Was Critical	<u>719.0</u>	<u>2725.7</u>	<u>22229.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>953.3</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2706.6</u>	<u>20287.5</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>2449287</u>	<u>9148645</u>	<u>65672202</u>
17. Gross Elec. Energy Generated (MWH)	<u>861048</u>	<u>3210621</u>	<u>22772259</u>
18. Net Electrical Energy Generated (MWH)	<u>828580</u>	<u>3087301</u>	<u>21864114</u>
*19. Unit Service Factor	<u>100.0</u>	<u>94.0</u>	<u>80.0</u>
*20. Unit Availability Factor	<u>100.0</u>	<u>94.0</u>	<u>80.0</u>
*21. Unit Capacity Factor (Using MDC Net)	<u>100.2</u>	<u>93.2</u>	<u>76.6</u>
*22. Unit Capacity Factor (Using DER Net)	<u>100.4</u>	<u>93.4</u>	<u>76.7</u>
*23. Unit Forced Outage Rate	<u>0.0</u>	<u>6.0</u>	<u>5.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None Scheduled</u>			
25. If Shut Down At End Of Report Period, Estimated Date Of Startup: <u>Not Applicable</u>			

\*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

UNIT Seabrook 1

DATE 05/13/93

COMPLETED BY P. E. Nardone

TELEPHONE (603) 474-9521

Ext. 4074

MONTH APRIL, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1153</u>	17	<u>1154</u>
2	<u>1153</u>	18	<u>1155</u>
3	<u>1153</u>	19	<u>1155</u>
4	<u>1153</u>	20	<u>1155</u>
5	<u>1153</u>	21	<u>1155</u>
6	<u>1143</u>	22	<u>1155</u>
7	<u>1151</u>	23	<u>1155</u>
8	<u>1154</u>	24	<u>1155</u>
9	<u>1153</u>	25	<u>1155</u>
10	<u>1154</u>	26	<u>1155</u>
11	<u>1154</u>	27	<u>1155</u>
12	<u>1116</u>	28	<u>1154</u>
13	<u>1154</u>	29	<u>1155</u>
14	<u>1154</u>	30	<u>1155</u>
15	<u>1154</u>		
16	<u>1154</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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-443UNIT Seabrook 1DATE 05/13/93COMPLETED BY P. E. NardoneTELEPHONE (603) 474-9521Ext. 4074REPORT MONTH APRIL, 1993

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licenses Event Report #	Cause & Corrective Action to Prevent Recurrence
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Page 1 of 1

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

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UNIT Seabrook 1  
DATE 05/13/93  
COMPLETED BY P. E. Nardone  
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REFUELING INFORMATION REQUEST

1. Name of facility: Seabrook Unit 1

2. Scheduled date for next refueling shutdown:

Refueling Outage 3, 03/26/94

3. Scheduled date for restart following refueling:

Refueling Outage 3, 05/20/94

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

No

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

N/A

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:

None

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

(a) In Core: 193 (b) 136

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.