



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- 93092

June 11, 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 93-05. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of May, 1993 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Ted C. Feigenbaum", is written over a large, light-colored circular scribble.

Ted C. Feigenbaum

Enclosure(s)

TCF:ALL/act

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 I-4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, DC 20535

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

Handwritten initials "TCFDA" in dark ink, with a vertical line drawn through the letters.

9306250314 930531
PDR ADDCK 050C0443
R PDR

member of the Northeast Utilities system

OPERATING DATA REPORT

DOCKET NO. 50-443
 UNIT Seabrook 1
 DATE 06/11/93
 COMPLETED BY P. E. Nardone
 TELEPHONE (603) 474-9521
 Ext. 4074

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: MAY 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>744.0</u>	<u>3623.0</u>	<u>58056.0</u>
12. Number Of Hours Reactor Was Critical	<u>703.1</u>	<u>3428.8</u>	<u>22932.2</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>953.3</u>
14. Hours Generator On-Line	<u>680.5</u>	<u>3387.1</u>	<u>20968.0</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>2278654</u>	<u>11427298</u>	<u>67950856</u>
17. Gross Elec. Energy Generated (MWH)	<u>797616</u>	<u>4008237</u>	<u>23569875</u>
18. Net Electrical Energy Generated (MWH)	<u>767137</u>	<u>3854438</u>	<u>22631251</u>
*19. Unit Service Factor	<u>91.5</u>	<u>93.5</u>	<u>80.4</u>
*20. Unit Availability Factor	<u>91.5</u>	<u>93.5</u>	<u>80.4</u>
*21. Unit Capacity Factor (Using MDC Net)	<u>89.7</u>	<u>92.5</u>	<u>77.0</u>
*22. Unit Capacity Factor (Using DER Net)	<u>89.8</u>	<u>92.7</u>	<u>77.1</u>
*23. Unit Forced Outage Rate	<u>8.5</u>	<u>6.5</u>	<u>5.7</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 06/11/93
 COMPLETED BY P. E. Nardone
 TELEPHONE (603) 474-9521
 Ext. 4074

MONTH MAY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1155	17	1155
2	1155	18	1155
3	1155	19	1155
4	1155	20	222
5	1156	21	0
6	1156	22	32
7	1156	23	583
8	1156	24	1150
9	1156	25	1154
10	1155	26	1155
11	1156	27	1152
12	1155	28	1125
13	1154	29	1138
14	1154	30	1152
15	1155	31	1153
16	1155		

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. 50-443
 UNIT Seabrook 1
 DATE 06/11/93
 COMPLETED BY P. E. Nardone
 TELEPHONE (603) 474-9521
 Ext. 4074

REPORT MONTH MAY, 1993

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	Cause & Corrective Action to Prevent Recurrence
93-03	05/20/93	F	63.5	B/A	2	93-009	Manual trip as a result of decreasing level in SG D. This was caused by the slow, full closure of MSIV D during the performance of the 10% partial closure test. See LER 93-009 for information on root cause and corrective action.

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)

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 06/11/93
COMPLETED BY P. E. Nardone
TELEPHONE (603) 474-9521
Ext. 4074

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.