New Hampshire
Yankee

Ted C. Feigenbaum
President and
Chief Executive Officer

NYN-92005

January 10, 1992

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 91-12. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of December, 1991 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:WJT/tad

cc: Mr. Thomas T. Martin
Regional Administrator
United States Nuclear Regulatory Commission
Region I
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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1/1

New Hampshire Yankee
January 10, 1991

ENCLOSURE 1 TO NYN-92005

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 01/10/92
COMPLETED BY P. Nardone
TELEPHONE (603) 474-9521
(Ext. 4074)

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: DECEMBER 1991
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	744.0	8760.0	45649.0
12. Number Of Hours Reactor Was Critical	744.0	6646.2	12365.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	253.3
14. Hours Generator On-Line	744.0	6396.6	10524.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2444608	20469535	33069861
17. Gross Elec. Energy Generated (MWH)	847034	7099332	11371249
18. Net Electrical Energy Generated (MWH)	812987	6814377	10908375
*19. Unit Service Factor	100.0	73.0	76.4
*20. Unit Availability Factor	100.0	73.0	76.4
*21. Unit Capacity Factor (Using MDC Net)	95.0	67.6	71.6
*22. Unit Capacity Factor (Using DER Net)	95.2	67.8	71.8
*23. Unit Forced Outage Rate	0.0	5.8	8.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None Scheduled

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 DECEMBER, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1140	16	1137
2	1139	17	1137
3	1141	18	1137
4	1140	19	1137
5	1138	20	1137
6	1137	21	1138
7	1138	22	1138
8	1139	23	789
9	1139	24	273
10	1139	25	944
11	1138	26	1136
12	1138	27	1138
13	1138	28	1137
14	1139	29	1138
15	1138	30	1137
		31	1138

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

REPORT MONTH DECEMBER, 1991

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No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	Cause & Corrective Action to Prevent Recurrence
91-10	12/23/91	F	0	F	5	N/A	Steam generator chemistry out of specification (Action Level II) required power reduction to 30% RTP. Returned to full power operation on 12/25/91.

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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REFUELING INFORMATION REQUEST

1. Name of facility: Seabrook Unit 1

2. Scheduled date for next refueling shutdown: 09/19/92

3. Scheduled date for restart following refueling: 11/14/92

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:

   February 28, 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) 60

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.