New Hampshire
Yankee

Ted C. Feigenbaum
President and
Chief Executive Officer

NYN-91024

February 14, 1991

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 91-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January, 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 1
475 Allendale Road
King of Prussia, PA 19406

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

ENCLOSURE 1 TO NYN-91026

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 02/14/91
COMPLETED BY P Nardone
TELEPHONE (603) 474-9521
(Ext. 4074)

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: JANUARY 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	744.0	37633.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	6463.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14. Hours Generator On-Line	744.0	744.0	4871.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2535476	2535476	15135802
17. Gross Elec. Energy Generated (MWH)	889130	889130	5161047
18. Net Electrical Energy Generated (MWH)	854774	854774	4941772
*19. Unit Service Factor	100.0	100.0	88.2
*20. Unit Availability Factor	100.0	100.0	88.2
*21. Unit Capacity Factor (Using MDC Net)	99.9	99.9	85.7
*22. Unit Capacity Factor (Using DER Net)	100.1	100.1	85.4
*23. Unit Forced Outage Rate	0.0	0.0	11.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): REFUELING, 07/27/91, 67 DAYS

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: Not Applicable

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

AVERAGE DAILY UNIT POWER LEVEL

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MONTH JANUARY, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1148	16	1149
2	1150	17	1150
3	1151	18	1151
4	1149	19	1150
5	1147	20	1132
6	1149	21	1151
7	1149	22	1149
8	1147	23	1148
9	1145	24	1150
10	1149	25	1148
11	1147	26	1148
12	1141	27	1150
13	1148	28	1150
14	1150	29	1150
15	1150	30	1150
		31	1150

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 JANUARY, 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

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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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH JANUARY, 1991

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
01/03/91	Reactor Coolant	1-RC-P-1C Loop 3 Reactor Coolant Pump	Low flow detected on No. 1 seal leakoff. Replaced pump seal assembly.
01/08/91	Reactor Vessel Level Indication System	1-MM-CP-486B Train B Reactor Vessel Level Electronics Cabinet	Microprocessor communication failure. Replaced +5 VDC power supply and memory circuit board.
01/10/91	Main Steam	1-MS-V-92 Steam Generator D Main Steam Isolation Valve	Valve failed to return to full open position following 10% valve closure surveillance. Hydraulic pump cycling frequently. Replaced fast and slow closure solenoids and pump on hydraulic system.
01/31/91	Main Steam	1-MS-V-394 Train A Main Steam Supply Valve to EFW Pump	Valve not fully closing during surveillance testing because of misaligned valve plug. Replaced valve trim.

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REFUELING INFORMATION REQUEST

1. Name of facility: Seabrook Unit 1

2. Scheduled date for next refueling shutdown: 07/27/91

3. Scheduled date for restart following refueling: 10/02/91

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

   Yes, the removal of the Residual Heat Removal System Autoclosure Interlock

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

   New Hampshire Yankee Letter NYN-91011, submitted on January 24, 1991

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) 0

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 sixteen refuelings and full core offload capability.

   The current licensed capacity is adequate until at least the year 2014.