New Hampshire
Yankee

Ted C. Feigenbaum
President and
Chief Executive Officer

NYN- 91057

April 12, 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 91-03. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of March, 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
April 12, 1991

ENCLOSURE 1 TO NYN-91057

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 04/12/91
COMPLETED BY P. Nardone
TELEPHONE (603) 474-9521
(Ext. 4074)

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: MARCH 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	2160.0	39049.0
12. Number Of Hours Reactor Was Critical	707.8	2099.8	7819.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14. Hours Generator On-Line	707.8	2088.1	6215.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2355827	6561223	19161549
17. Gross Elec. Energy Generated (MWH)	824741	2284633	6556550
18. Net Electrical Energy Generated (MWH)	792397	2189445	6283443
*19. Unit Service Factor	95.1	96.7	90.0
*20. Unit Availability Factor	95.1	96.7	90.0
*21. Unit Capacity Factor (Using MDC Net)	92.6	88.1	84.7
*22. Unit Capacity Factor (Using DER Net)	92.8	88.3	84.9
*23. Unit Forced Outage Rate	4.9	3.3	10.0

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: 04/06/91

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

AVERAGE DAILY UNIT POWER LEVEL

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MONTH MARCH, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	344	16	1150
2	1085	17	1150
3	1152	18	1151
4	1151	19	1150
5	1151	20	1150
6	1151	21	1149
7	1151	22	1148
8	1150	23	1148
9	1150	24	1148
10	1150	25	1148
11	1147	26	1147
12	1147	27	1148
13	1146	28	1148
14	1147	29	1148
15	1147	30	562
		31	0

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 MARCH, 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
91-02	03/01/91	F	0	F	4	N/A	Steam generator chemistry out of specification (Action Level II) required power reduction to 30% RTP. Returned to full power operation on 03/02/91.
91-03	03/30/91	F	36.2	A	2	91-002	Manual trip due to turbine runback and failure of condenser steam dumps to open. See LER 91-002 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)

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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.