New Hampshire
Yankee

NYN-90185

October 12, 1990

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

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

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 90-09. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of September, 1990 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

Ted C. Feigenbaum
President and
Chief Executive Officer

Enclosure

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

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 10/12/90
COMPLETED BY P. Nardone
TELEPHONE (603) 474-9521
(Ext. 4074)

OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: SEPTEMBER 1990
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	720.0	6551.0	34680.0
12. Number Of Hours Reactor Was Critical	720.0	3664.0	3858.4
13. Reactor Reserve Shutdown Hours	0.0	918.8	918.8
14. Hours Generator On-Line	720.0	2358.6	2358.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2316184	6685110	6686201
17. Gross Elec. Energy Generated (MWH)	811777	2209207	2209207
18. Net Electrical Energy Generated (MWH)	781243	2109483	2109483
*19. Unit Service Factor	100.0	97.2	97.2
*20. Unit Availability Factor	100.0	97.2	97.2
*21. Unit Capacity Factor (Using MDC Net)	94.4	91.6	91.6
*22. Unit Capacity Factor (Using DER Net)	94.5	91.8	91.8
*23. Unit Forced Outage Rate	0.0	2.8	2.8

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: 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 SEPTEMBER, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1151	16	1153
2	1154	17	1151
3	1140	18	1152
4	1146	19	908
5	1149	20	372
6	1150	21	1028
7	1152	22	1072
8	1101	23	1023
9	1148	24	1060
10	1150	25	1069
11	1149	26	1072
12	1150	27	1074
13	1151	28	1074
14	1152	29	1079
15	1146	30	1078

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 SEPTEMBER, 1990

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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
90-25	09/08/90	F	0	A	5	N/A	Power reduced to 80% RTP. Circulating water pump 39C removed from service to investigate low lube water flow problem. Power returned to 100% RTP following restart of pump.
90-26	09/19/90	F	0	F/A	5	N/A	Steam generator chemistry out of specification (Action Level II) required power reduction to 30% RTP. Power returned to 90% RTP following chemistry cleanup. Power being maintained at 93% RTP following removal of circulating water pump 39B from service for repair.

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 10/12/90

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH SEPTEMBER, 1990

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
09/08/90	Reactor Coolant	Pressurizer Control Group Heaters	Control group heater panel cooling fan motor failed causing heaters to deenergize on high enclosure temperature. Replaced fan motor.
09/12/90	Reactor Coolant	Pressurizer Backup Group A Heaters	Heaters failed to energize following loss of offsite power test. Wiring at breaker was landed on wrong terminals per design. Terminations corrected. Reference LER 90-21.

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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: 10/01/91

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

   Unknown at this time.

5. Scheduled date(s) for submitting licensing action and supporting information:
   Not Applicable

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 2010.