New Hampshire
Yankee

**Ted C. Feigenbaum**
Senior Vice President and
Chief Operating Officer

NYN-89121

October 16, 1989

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

References: Facility Operating License NPF-67, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

In accordance with Technical Specification Section 6.8.1.5, enclosed please find Monthly Operating Report 89-09 covering the operation and shutdown experience relating to Seabrook Station Unit 1.

Very truly yours,

Ted C. Feigenbaum

Enclosure

cc: Mr. William T. Russell
Regional Administrator
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

Mr. Antone C. Cerne
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 10/04/89
COMPLETED BY P. Nardone
TELEPHONE (603) 474-9521
(Ext. 4074)

## OPERATING STATUS

1. Unit Name: Seabrook Station Unit 1
2. Reporting Period: SEPTEMBER 1989
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): 1197 (Initial design value)
7. Maximum Dependable Capacity (Net MWe): 1148 (Initial design value)
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: 170 MWt
10. Reasons For Restrictions, If Any: License issued on 05/26/89 is a low power license authorizing operation at reactor core power levels not in excess of 170 megawatts thermal.

| | This Month | Yr.-to-Date | Cumulative |
|---|---|---|---|
| 11. Hours In Reporting Period | 720.0 | 6551.0 | 25920.0 |
| 12. Number Of Hours Reactor Was Critical | 0.0 | 194.4 | 194.4 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 0.0 | 0.0 | 0.0 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 0 | 1090 | 1090 |
| 17. Gross Elec. Energy Generated (MWH) | 0 | 0 | 0 |
| 18. Net Electrical Energy Generated (MWH) | 0 | 0 | 0 |
| 19. Unit Service Factor | 0.0 | 0.0 | 0.0 |
| 20. Unit Availability Factor | 0.0 | 0.0 | 0.0 |
| 21. Unit Capacity Factor (Using MDC Net) | 0.0 | 0.0 | 0.0 |
| 22. Unit Capacity Factor (Using DER Net) | 0.0 | 0.0 | 0.0 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 0.0 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Reactor shutdown as of 06/22/89 for indefinite duration.

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: Indefinite

26. Prior to Commercial Operation:

| | Forecast | Achieved |
|---|---|---|
| INITIAL CRITICALITY | 1989 | 06/13/89 |
| INITIAL ELECTRICITY | 1989 | Not Applicable |
| COMMERCIAL OPERATION | 1989 | Not Applicable |

# AVERAGE DAILY UNIT POWER LEVEL

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MONTH SEPTEMBER, 1989

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 0 | 16 | 0 |
| 2 | 0 | 17 | 0 |
| 3 | 0 | 18 | 0 |
| 4 | 0 | 19 | 0 |
| 5 | 0 | 20 | 0 |
| 6 | 0 | 21 | 0 |
| 7 | 0 | 22 | 0 |
| 8 | 0 | 23 | 0 |
| 9 | 0 | 24 | 0 |
| 10 | 0 | 25 | 0 |
| 11 | 0 | 26 | 0 |
| 12 | 0 | 27 | 0 |
| 13 | 0 | 28 | 0 |
| 14 | 0 | 29 | 0 |
| 15 | 0 | 30 | 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

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REPORT MONTH SEPTEMBER, 1989

| 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)

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 10/04/89

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH SEPTEMBER, 1989



| DATE | SYSTEM | COMPONENT | MAINTENANCE ACTION |
|---|---|---|---|
| 09/05/89 | Emergency Diesel Generator | 1-DGA-FY-AS-2 Train A Air Start Solenoid | Solenoid failed time response test surveillance. Replaced solenoid. |
| 09/20/89 | Excore Nuclear Instrumentation | 1-NI-NM-6690 Train A PAM Nuclear Instrumentation Channel | High voltage power supply failure at signal processor. Replaced power supply. |

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## REFUELING INFORMATION REQUEST

1. Name of facility: Seabrook Unit 1

2. Scheduled date for next refueling shutdown: Not Scheduled

3. Scheduled date for restart following refueling: Not Scheduled

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 2007.