

**North
Atlantic**

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The Northeast Utilities System

Ted C. Feigenbaum
Senior Vice President &
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NYN- 95062

August 9, 1995

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

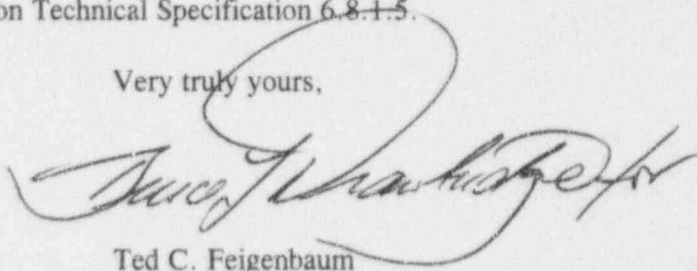
Reference: Facility Operating License NPF-86, Docket No. 50-443

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 95-07. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of July, 1995 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,



Ted C. Feigenbaum

Enclosure

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

Mr. Albert W. De Agazio, Sr. Project Manager
Project Directorate I-4
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OPERATING DATA REPORT

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 08/09/95

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	JULY 1995		
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 (Net MWe):	1090MWe		
10.	Reasons For Restrictions, If Any:	Final Stage FW Heating capability lost for remainder of Cycle.		
		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	744.0	5087.0	77040.0
12.	Number of Hours Reactor Was Critical	744.0	4836.6	38103.6
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	644.4	4693.9	35838.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2211297	16037941	117874749
17.	Gross Elec. Energy Generated (MWH)	719790	5597035	41021370
18.	Net Electrical Energy Generated (MWH)	690221	5383621	39410737
*19.	Unit Service Factor	86.6	92.3	79.5
*20.	Unit Availability Factor	86.6	92.3	79.5
*21.	Unit Capacity Factor (Using MDC Net)	80.7	92.0	76.9
*22.	Unit Capacity Factor (Using DER Net)	80.8	92.2	77.1
*23.	Unit Forced Outage Rate	13.4	7.7	6.9
24.	Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Refueling, 11/04/95, 45 Days		
25.	If Shut Down At End Of Report Period, Estimated Date of Startup:	Not Applicable		

*NOTE: "Cumulative" values based on total hours starting 8/19/90, date Regular Full Power Operation began.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-443

UNIT Seabrook

DATE 08/09/95

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: JULY, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	471
6	1074
7	1090
8	1090
9	1091
10	1090
11	1090
12	1090
13	1090
14	1090
15	1090
16	1089

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1089
18	1086
19	1086
20	1085
21	1088
22	1088
23	1088
24	1088
25	1088
26	1088
27	1088
28	1088
29	1087
30	1087
31	1088

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

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 08/09/95

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

REPORT MONTH JULY 1995

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE Page 1 of 1
95-01	07/01/95	F	99.6	A	4	95-02	<p>Manual trip as a result of the loss of both turbine Electro-Hydraulic Control (EHC) pumps on 06/18/95.</p> <p>EHC pumps lost electrical power when Unit Substation 14 feeder breaker tripped open while cross-tied to Unit Substation 21.</p> <p>See LER 95-02 for information on root cause and corrective action.</p> <p>Reactor critical on 06/29/95.</p> <p>Restart was delayed on 06/30/95 when Main Generator Breaker failed to close.</p> <p>Additional problems with Main Turbine bearing vibration further delayed restart until 07/05/95.</p>
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)		

REFUELING INFORMATION REQUEST

DOCKET NO.	50-443
UNIT	Seabrook 1
DATE	08/09/95
COMPLETED BY	P.E. Nardone
TELEPHONE	603/474-9521 Ext. 4074

1. Name of Facility: Seabrook Unit 1
2. Scheduled date for next refueling shutdown: Refueling Outage 4, 11/04/95
3. Scheduled date for restart following refueling: Refueling Outage 4, 12/19/95
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Yes, revisions to Technical Specifications for Accumulator and Refueling Water Storage Tank boron concentration, Main Steam Safety Valve setpoints and of Pressure Isolation Valves will be required.

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

Accumulator and Refueling Water Storage Tank boron concentration was submitted on June 16, 1995. Pressure Isolation Valves was submitted on July 27, 1995. Main Steam Safety Valve setpoint revisions are scheduled for submittal by August 31, 1995.

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:

Implementation of Amendment #33, to Facility Operating License Wide Band Operation.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 193 (b) 208

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.