



**North
Atlantic**

North Atlantic Energy Service Corporation
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NYN-96006

The Northeast Utilities System

February 13, 1996

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

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

Subject: Monthly Operating Report

Gentlemen:

Enclosed please find Monthly Operating Report 96-01. This report addresses the operating and shutdown experience relating to Seabrook Station Unit 1 for the month of January, 1996 and is submitted in accordance with the requirements of Seabrook Station Technical Specification 6.8.1.5.

Very truly yours,

Fred R. Dacimo
Vice President - Nuclear Operations

FRD/ALL:sm
Enclosure

cc: Mr. Thomas T. Martin
Regional Administrator
United States Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO. 50-443
UNIT Seabrook 1
DATE 02/13/96
COMPLETED BY P.E. Nardone
TELEPHONE 603/474-9521
Ext. 4074

OPERATING STATUS				
1.	Unit Name:	Seabrook Station Unit 1		
2.	Reporting Period:	JANUARY 1996		
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):	1204		
7.	Maximum Dependable Capacity (Net MWe):	1158		
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):	None		
10.	Reasons For Restrictions, If Any:	Not Applicable		
		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	744.0	744.0	81457.0
12.	Number of Hours Reactor Was Critical	704.9	704.9	41634.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	953.3
14.	Hours Generator On-Line	660.6	660.6	39270.7
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2219912	2219912	129312185
17.	Gross Elec. Energy Generated (MWH)	780927	780927	44926218
18.	Net Electrical Energy Generated (MWH)	750756	750756	43158512
*19.	Unit Service Factor	88.8	88.8	79.3
*20.	Unit Availability Factor	88.8	88.8	79.3
*21.	Unit Capacity Factor (Using MDC Net)	87.1	87.1	76.6
*22.	Unit Capacity Factor (Using DER Net)	87.9	87.9	76.8
*23.	Unit Forced Outage Rate	11.2	11.2	6.5
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: "Cumulative" values based on total hours starting 8/19/90, date Regular Full Power Operation began. Increased MDC values (Items 6 & 7) starting 12/01/95.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-443

UNIT Seabrook 1

DATE 02/13/96

COMPLETED BY P.E. Nardone

TELEPHONE 603/474-9521
Ext. 4074

MONTH: JANUARY, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1159
2	1158
3	1158
4	1158
5	1158
6	1158
7	1158
8	1158
9	1158
10	1158
11	1158
12	1158
13	1159
14	1159
15	1159
16	1158

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1159
18	1159
19	1156
20	1159
21	1158
22	1158
23	1159
24	1159
25	1159
26	1157
27	471
28	0
29	0
30	20
31	676

INSTRUCTIONS

On this form., 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 02/13/96
 COMPLETED BY P.E. Nardone
 TELEPHONE 603/474-9521
 Ext. 4074

REPORT MONTH DECEMBER 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
96-01	01/27/96	F	83.4	A	3	96-01	<p>Automatic reactor trip on high pressurizer pressure as the result of an unexpected turbine runback. A failed circuit board in the Electro-hydraulic Control System [EHC] caused the turbine combined intermediate stop valves and main control valves to close. See LER 96-01 for information on the root cause and corrective action.</p> <p>Restart was further delayed by the following:</p> <ul style="list-style-type: none"> A condenser vacuum leak caused by loose manways on the moisture separator/reheaters Flange leaks on both main feed pump discharge check valves.
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	02/13/96
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 5, 06/07/97
3. Scheduled date for restart following refueling: Refueling Outage 5, 07/15/97
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
N/A
5. Schedule date(s) for submitting licensing action and supporting information:
N/A
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:
N/A
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:
(a) In Core: 193 (b) 288
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.