

NRC 2001-062

September 7, 2001

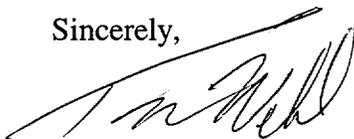
Document Control Desk  
U. S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

Ladies/Gentlemen:

DOCKETS 50-266 AND 50-301  
MONTHLY OPERATING REPORTS  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached are monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of August 2001.

Sincerely,



T. J. Webb  
Licensing Director

KML/tyf

Attachments

cc: J. D. Loock, PSCW  
NRC Regional Administrator, Region III  
NRC Resident Inspector  
NRC Project Manager

# OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 09/07/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: August - 2001
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 530.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 510.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:  
n/a
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): n/a
10. REASONS FOR RESTRICTIONS, (IF ANY):

### NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,831.0	270,166.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,997.8	220,927.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	744.0	4,950.4	217,431.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,022,425.0	7,264,151.0	310,097,106.0
17. GROSS ELECTRICAL ENERGY GENERATED	351,070.0	2,514,100.0	105,179,940.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	334,802.0	2,401,196.0	100,274,620.5
19. UNIT SERVICE FACTOR	100.0%	84.9%	80.5%
20. UNIT AVAILABILITY FACTOR	100.0%	84.9%	80.8%
21. UNIT CAPACITY FACTOR (USING MDC NET)	88.2%	80.7%	75.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	87.4%	80.0%	74.5%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	4.5%

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED MAY 15, 1997

POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH AUGUST - 2001

DOCKET NO. 50-266  
 UNIT NAME: Point Beach, Unit 1  
 DATE: 09/06/01  
 COMPLETED BY: Kim M. Locke  
 TELEPHONE: 920-755-6420

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
1	<u>499</u>	11	<u>500</u>	21	<u>498</u>
2	<u>500</u>	12	<u>501</u>	22	<u>494</u>
3	<u>497</u>	13	<u>498</u>	23	<u>496</u>
4	<u>496</u>	14	<u>499</u>	24	<u>499</u>
5	<u>500</u>	15	<u>502</u>	25	<u>355</u>
6	<u>505</u>	16	<u>502</u>	26	<u>264</u>
7	<u>503</u>	17	<u>502</u>	27	<u>264</u>
8	<u>504</u>	18	<u>502</u>	28	<u>263</u>
9	<u>507</u>	19	<u>501</u>	29	<u>264</u>
10	<u>503</u>	20	<u>497</u>	30	<u>270</u>
				31	<u>266</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August - 2001

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date 9/7/2001  
 Completed By K.M. Locke  
 Telephone No. 920/755-6420

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Reactor Shut Down <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
1	08/25/01	F	0	A	5		HH	PUMPXX	Commence Unit 1 turbine load reduction from 100% to 55% due to 1P-28B (main feed pump) bearing degradation.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>Reason:  
 A - Equipment Failure (explain)  
 B - Maintenance or Testing  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & Licensing Exam  
 F - Administrative  
 G - Operational Error (explain)  
 H - Other (explain)

<sup>3</sup>Method:  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continuation of Previous Shutdown  
 5 - Reduced Load  
 6 - Other (explain)

<sup>4</sup>Exhibit G - Instructions for preparation of data entry sheets LER file (NUREG-0161)

<sup>5</sup>Exhibit I - Same Source

DOCKET NO. 50-266  
UNIT NAME Point Beach Unit 1  
DATE 09/07/2001  
COMPLETED BY K. M. Locke  
TELEPHONE 920/755-6420

The daily power average for Unit 1 during August 2001 was 450.0 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during August 2001:

LER 266/2001-004-00, Failure to Comply with LCO to Start Standby Emergency Power Supplies

Major safety-related maintenance that was performed during August 2001 included:

- Troubleshoot and replace K-2A service water solenoid valve.
- Troubleshoot service water pump seal leak.
- Cut out old valve SW-140A and weld in a new valve.
- G-02 emergency diesel generator replace the governor oil.
- Disconnect G-04 generator mechanically and electrically.
- Troubleshoot and repair cause of spurious alarms on the G-02 emergency diesel generator.
- Perform detailed visual inspection of containment concrete.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 09/07/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: August - 2001
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 532.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:  
n/a
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na/
10. REASONS FOR RESTRICTIONS, (IF ANY):  
na/

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,831.0	254,951.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,750.9	214,852.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	744.0	5,727.2	211,925.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,128,064.0	8,578,248.0	305,638,911.0
17. GROSS ELECTRICAL ENERGY GENERATED	390,070.0	2,985,530.0	104,176,640.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	373,141.0	2,858,316.0	99,298,849.5
19. UNIT SERVICE FACTOR	100.0%	98.2%	83.1%
20. UNIT AVAILABILITY FACTOR	100.0%	98.2%	83.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.0%	95.7%	79.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	97.4%	95.2%	78.1%
23. UNIT FORCED OUTAGE RATE	0.0%	1.8%	2.2%

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED MAY 15, 1997

POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH AUGUST - 2001

DOCKET NO. 50-301  
 UNIT NAME: Point Beach, Unit 2  
 DATE: 09/06/01  
 COMPLETED BY: Kim M. Locke  
 TELEPHONE: 920-755-6420

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
1	<u>500</u>	11	<u>502</u>	21	<u>499</u>
2	<u>502</u>	12	<u>502</u>	22	<u>500</u>
3	<u>499</u>	13	<u>500</u>	23	<u>500</u>
4	<u>498</u>	14	<u>500</u>	24	<u>497</u>
5	<u>501</u>	15	<u>503</u>	25	<u>497</u>
6	<u>506</u>	16	<u>504</u>	26	<u>499</u>
7	<u>504</u>	17	<u>504</u>	27	<u>499</u>
8	<u>506</u>	18	<u>504</u>	28	<u>495</u>
9	<u>508</u>	19	<u>501</u>	29	<u>498</u>
10	<u>504</u>	20	<u>499</u>	30	<u>507</u>
				31	<u>507</u>

POINT BEACH NUCLEAR PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August - 2001

Docket No. 50-301  
 Unit Name Point Beach, Unit 2  
 Date 9/7/2001  
 Completed By K.M. Locke  
 Telephone No. 920/755-6420

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Reactor Shut Down <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
--	NA	NA	NA	NA	NA	NA	NA	NA	

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>Reason:  
 A - Equipment Failure (explain)  
 B - Maintenance or Testing  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & Licensing Exam  
 F - Administrative  
 G - Operational Error (explain)  
 H - Other (explain)

<sup>3</sup>Method:  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continuation of Previous Shutdown  
 5 - Reduced Load  
 6 - Other (explain)

<sup>4</sup>Exhibit G - Instructions for preparation of data entry sheets LER file (NUREG-0161)

<sup>5</sup>Exhibit I - Same Source

DOCKET NO. 50-301  
UNIT NAME Point Beach Unit 2  
DATE 09/07/2001  
COMPLETED BY K.M. Locke  
TELEPHONE 920/755-6420

The daily power average for Unit 2 during August 2001 was 501.5 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during August 2001:

LER 301/2001-002-00, Manual Reactor Trip Due to Decreasing Water Level in Circulating Water System Pump Bay

Major safety-related maintenance that was performed during August 2001 included:

Inspect containment fan and motor (vibration/ir/lube).

Refurbish P-11A/B component cooling pump discharge header press indicator controller.

Install a redundant fuse in the control circuit of charging pump 2P-2C.