

NRC 2001-070

October 23, 2001

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

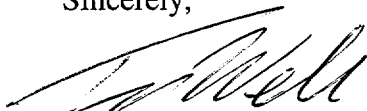
Ladies/Gentlemen:

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

Attached is the revised monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of September 2001.

The revisions are to the unit shutdowns and power reductions page only. Unit 1 outage for repair of 1P-1B RCP seal was a scheduled outage not a forced outage. Unit 2 load reduction to 360MWe for turbine stop valve testing was a scheduled reduction not a forced reduction.

Sincerely,



T. J. Webb  
Licensing Director

KML

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: 10/03/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: September - 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:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na
10. REASONS FOR RESTRICTIONS, (IF ANY):

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.0	6,551.0	270,886.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	473.6	5,471.4	221,400.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	453.5	5,403.9	217,885.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	630,434.0	7,894,585.0	310,727,540.0
17. GROSS ELECTRICAL ENERGY GENERATED	217,640.0	2,731,740.0	105,397,580.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	205,459.0	2,606,655.0	100,480,079.5
19. UNIT SERVICE FACTOR	63.0%	82.5%	80.4%
20. UNIT AVAILABILITY FACTOR	63.0%	82.5%	80.7%
21. UNIT CAPACITY FACTOR (USING MDC NET)	56.0%	78.0%	75.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	55.4%	77.3%	74.4%
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 SEPTEMBER - 2001

DOCKET NO. 50-266  
 UNIT NAME: Point Beach, Unit 1  
 DATE: 10/03/01  
 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>414</u>	11	<u>0</u>	21	<u>503</u>
2	<u>357</u>	12	<u>0</u>	22	<u>504</u>
3	<u>360</u>	13	<u>0</u>	23	<u>503</u>
4	<u>352</u>	14	<u>0</u>	24	<u>505</u>
5	<u>335</u>	15	<u>0</u>	25	<u>506</u>
6	<u>0</u>	16	<u>0</u>	26	<u>507</u>
7	<u>0</u>	17	<u>261</u>	27	<u>505</u>
8	<u>0</u>	18	<u>502</u>	28	<u>506</u>
9	<u>0</u>	19	<u>505</u>	29	<u>499</u>
10	<u>0</u>	20	<u>505</u>	30	<u>509</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 10/19/2001  
 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	09/01/01	F	0	A	5	N/A	HH	PUMPB	Reduced load to 56% power for repairs of 1P-28B. (main feed pump) bearing degradation.
2	09/01/01	F	0	A	5	N/A	CB	PUMPB	Reduced load to 71% power in AOP-1B, Reactor Coolant Pump Malfunction due to #2 seal problems on 1P-1B, RCP.
3	09/06/01	S	266.5	A	1	N/A	CB	PUMPB	Unit 1 outage for repair of 1P-1B RCP seal.
4	09/16/01	N/A	0	H	N/A	N/A	HA	TURBIN	Performed a manual turbine trip due to generator hot gas delta T exceeding administrative limits.

<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 10/10/2001  
COMPLETED BY K. M. Locke  
TELEPHONE 920/755-6420

The daily power average for Unit 1 during September 2001 was 285.4 MWe.

There were no Licensee Event Reports (LER) submitted to the NRC during September 2001:

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

Replaced HX-55B1/B2 EDG coolant HX high side isolation valve.

Sealed conduits and installed junction box cover to the embedded electrical box above 1P-29 turbine driven auxiliary feedwater pump.

T-1 LT-427 variable leg root, replaced packing gland follower.

Replaced breakers 1SI-825A and B.

Performed actuator refurbishment with unit at power of P-15A/B, safety injection pump suction valve from boric acid storage tank.

Replaced the mechanical seal on the containment spray pump P-14A.

Rebuilt MS-2020 "B" steam generator steam trap.

Performed flush of the upper oil reservoir on the P-001B-M reactor coolant pump motor while on the stand.

RC-00434, T-1 pressurizer safety to T-2 pressurizer relief tank, repaired the clips on the insulation.

Removed and replaced the contractor electrical interlock power 1SI-857B RHR HX B, to outlet to 1P-15B safety injection pump.

Replaced seals for 1P-001B reactor coolant pump.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 10/03/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: September - 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:

NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na
10. REASONS FOR RESTRICTIONS, (IF ANY):  
na

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.0	6,551.0	255,671.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6,470.9	215,572.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	720.0	6,447.2	212,645.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,085,615.0	9,663,863.0	306,724,526.0
17. GROSS ELECTRICAL ENERGY GENERATED	380,000.0	3,365,530.0	104,556,640.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	363,544.0	3,221,860.0	99,662,393.5
19. UNIT SERVICE FACTOR	100.0%	98.4%	83.2%
20. UNIT AVAILABILITY FACTOR	100.0%	98.4%	83.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.6%	96.1%	79.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.0%	95.5%	78.2%
23. UNIT FORCED OUTAGE RATE	0.0%	1.6%	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 SEPTEMBER - 2001

DOCKET NO. 50-301  
 UNIT NAME: Point Beach, Unit 2  
 DATE: 10/03/01  
 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>503</u>	11	<u>513</u>	21	<u>504</u>
2	<u>503</u>	12	<u>514</u>	22	<u>506</u>
3	<u>417</u>	13	<u>512</u>	23	<u>503</u>
4	<u>507</u>	14	<u>511</u>	24	<u>506</u>
5	<u>504</u>	15	<u>510</u>	25	<u>507</u>
6	<u>508</u>	16	<u>510</u>	26	<u>508</u>
7	<u>511</u>	17	<u>509</u>	27	<u>510</u>
8	<u>513</u>	18	<u>505</u>	28	<u>508</u>
9	<u>513</u>	19	<u>506</u>	29	<u>505</u>
10	<u>513</u>	20	<u>506</u>	30	<u>503</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 10/18/2001  
 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	09/03/01	S	0	B	5	N/A	HA	VALVEE	Reduced load to 360 MWe for turbine stop valve testing.

<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 10/10/2001  
COMPLETED BY K.M. Locke  
TELEPHONE 920/755-6420

The daily power average for Unit 2 during September 2001 was 504.9 MWe.

There were no Licensee Event Report (LER) submitted to the NRC during September 2001:

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

Replaced HX-55B1/B2 EDG coolant HX DPI-2841 high side isolation valve.

Sealed conduits and installed junction box cover to the embedded electrical box above 1P-29 turbine driven auxiliary feedwater pump.