



Wisconsin
Electric
POWER COMPANY

231 W. Michigan, P.O. Box 2046, Milwaukee, WI 53201

(414) 221-2445

VPNPD-92-363
NRC-92-140

December 9, 1992

Document Control Desk
U.S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

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 November 1992.

Since 'y,

Bob Link
Vice President
Nuclear Power

MFB/jg

cc: L. L. Smith, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

440008
9212110133 921130
PDR ADOCK 05000266
R PDR

A subsidiary of Wisconsin Energy Corporation

JE24, 1

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: December 2, 1992

COMPLETED BY: Don C. Peterson

TELEPHONE: 414/755-2321, Ext. 361

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: November - 1992
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

na

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	8,040.0	193,464.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5,748.8	160,139.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	14.5	667.3
14. HOURS GENERATOR ON LINE	720.0	6,666.7	157,095.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,086,940	9,958,649	220,608,652
17. GROSS ELECTRICAL ENERGY GENERATED	369,000	3,389,390	74,493,120
18. NET ELECTRICAL ENERGY GENERATED (MWH)	352,768	3,235,443	70,985,216
19. UNIT SERVICE FACTOR	100.0%	82.9%	81.2%
20. UNIT AVAILABILITY FACTOR	100.0%	82.9%	81.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.0%	83.0%	75.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.6%	81.0%	73.8%
23. UNIT FORCED OUTAGE RATE	0.0%	0.7%	1.7%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

47 day Maintenance & Refueling Shutdown from 3/27/93 to 5/13/93.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

na

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL

MONTH NOVEMBER - 1992

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE December 7, 1992

COMPLETED BY D. C. Peterson

TELEPHONE 414/755-2321

<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>493</u>	11	<u>493</u>	21	<u>488</u>
2	<u>493</u>	12	<u>494</u>	22	<u>497</u>
3	<u>492</u>	13	<u>493</u>	23	<u>495</u>
4	<u>493</u>	14	<u>494</u>	24	<u>491</u>
5	<u>492</u>	15	<u>494</u>	25	<u>493</u>
6	<u>491</u>	16	<u>492</u>	26	<u>493</u>
7	<u>492</u>	17	<u>493</u>	27	<u>405</u>
8	<u>492</u>	18	<u>494</u>	28	<u>493</u>
9	<u>493</u>	19	<u>493</u>	29	<u>493</u>
10	<u>494</u>	20	<u>493</u>	30	<u>493</u>

REPORT MONTH NOVEMBER - 1992

Telephone No. 414 Ext.

*Exhibit G - Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)

PBF-0028c
(03-90)

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE December 7, 1992
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321, Ext. 361

Unit 1 operated at approximately 490 MWe average daily power level throughout this report period with no significant power reductions.

During this period, two reportable events were issued for Unit 1. LER 92-008-00, reactor trip following closure of main steam isolation valve IMS-2018 during the performance of quarterly surveillance testing. LER 92-009-00, common to both units, component cooling water system surge tank vent valves outside design basis due to non-safety related closure circuitry.

Safety-related maintenance included the following:

1. Replaced and rewired a cracked relay component on electrical section (C-002) of the main control board.
2. Minor adjustment to potentiometer on the emergency diesel generator voltage speed relay board to establish proper diesel voltage at the time of breaker closing.
3. Rotated collar on the stem of the rad waste steam trip valve (SA-9) to prevent binding which was affecting the valve opening time.
4. Spent fuel pit heat exchanger service water return throttle valve (SW-660) was removed and flanges installed as a temporary modification until valve can be replaced due to a pin hole leak in original valve body.
5. Sediment was flushed out of service water line to Unit 2 turbine-driven auxiliary feedwater pump, 2P29 using local drains.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: December 3, 1992

COMPLETED BY: Don C. Peterson

TELEPHONE: 414/755-2321, Ext. 361

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: November - 1992
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

na

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	8,040.0	178,249.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	341.0	6,802.1	155,531.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	13.2	229.9
14. HOURS GENERATOR ON LINE	301.1	6,749.0	153,238.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	393,930	10,078,122	219,545,279
17. GROSS ELECTRICAL ENERGY GENERATED	133,730	3,461,480	74,620,860
18. NET ELECTRICAL ENERGY GENERATED (MWH)	124,263	3,304,055	71,123,833
19. UNIT SERVICE FACTOR	41.8%	83.9%	86.0%
20. UNIT AVAILABILITY FACTOR	41.8%	83.9%	86.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	35.6%	84.7%	81.6%
22. UNIT CAPACITY FACTOR (USING DER NET)	34.7%	82.7%	80.3%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.0%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

none

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

na

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 19

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
MONTH NOVEMBER - 1992

DOCKET NO. 50-301
UNIT NAME Point Beach, Unit 2-
DATE December 7, 1992
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321

<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>-2</u>	11	<u>-2</u>	21	<u>471</u>
2	<u>-2</u>	12	<u>-4</u>	22	<u>476</u>
3	<u>-2</u>	13	<u>-12</u>	23	<u>477</u>
4	<u>-2</u>	14	<u>-13</u>	24	<u>473</u>
5	<u>-2</u>	15	<u>-14</u>	25	<u>477</u>
6	<u>-2</u>	16	<u>-14</u>	26	<u>474</u>
7	<u>-3</u>	17	<u>-15</u>	27	<u>476</u>
8	<u>-10</u>	18	<u>32</u>	28	<u>476</u>
9	<u>-8</u>	19	<u>1</u>	29	<u>476</u>
10	<u>-2</u>	20	<u>344</u>	30	<u>475</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER - 1992

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date December 7, 1992
Completed By D. C. Peterson
Telephone No. 414/755-2321, Ext. 361

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
3	920926	S	419.0	C	1				Scheduled refueling and maintenance outage U2R18. Major work items include: inspection and eddy current testing of steam generators; replacement of safety injection MOV 878A, B, C motors with 15 Ft-lb motors; D02 battery panel replacement; provide safeguards 480V buses 2-B03 and 2-B04 with stripping separation for non-safety related breakers; mechanical and electrical modification to the main steam isolation valves; and elimination of NIS rod drop turbine runback signal. Outage tended 5 days due to emergent work resulting from Event V, check valve leakage test.

¹F: Forced
S: Scheduled

²Reason:
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)

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

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

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE December 7, 1992
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321, Ext. 361

Unit 2 was returned to service on November 18 after completing a refueling outage. The unit operated at approximately 173 MWe average daily power level for this report period. Full power operation is being limited to 95% because the reactor coolant flow measurement indicator flow is just above the Technical Specification limit. Another measurement is planned as it is believed the results of the initial flow measurement are lower than actual.

During this period the following reportable events were issued for Unit 2:

LER 92-004-02, improper sequencing of emergency safety features was resubmitted to provide an update to the corrective actions taken in response to this event.

LER 92-005-00, steam generator tube degradation, 36 tubes were plugged in the "A" steam generator and 49 tubes were plugged in the "B" steam generator.

LER 92-006-00, inadvertent ESF actuation as a result of as-built wire tracing.

LER 92-007-00, inadvertent ESF actuation as a result of improper surveillance testing. A safeguards bus was mistakenly de-energized causing automatic starting of the emergency diesel generator.

Safety-related maintenance included the following:

1. Cleaned overload dash pots for all three phases of the normal power supply to the 480 safeguards bus 2B-32 after breaker tripped prematurely while attempting to restart primary auxiliary building exhaust fan.
2. Removed, cleaned and reinstalled window flange on the containment inner airlock window.
3. Eliminated the NIS rod drop turbine runback signal by installing a plant modification.

4. Non-regenerative heat exchanger inlet test connection valve, CV-369, stem separated from plug. Welded in a new valve.
5. Replaced gasket and torqued residual heat removal to letdown crossconnect valve, CV-369A, to correct body to bonnet leakage.
6. Repacked charging line flow control outlet isolation valve, CV-384, to stop leakage.
7. Installed static transfer capability for yellow 125 volt DC to 120 volt AC inverter under a plant modification.
8. Replaced train B loop B reactor coolant flow trip matrix relay due to failed contacts.
9. Replaced spray additive tank outlet valve's I/P transducer due to erratic and non-repeatable output. Spray additive tank level decreased by 2% during inservice test.
10. Drained, filled and flushed the containment spray system as necessary to reduce the concentration of sodium. Refueling water storage tank was also contaminated. The sodium was introduced via the spray additive tank outlet valve during inservice testing.
11. Installed a new shaft, modified the shaft non-operator end closure arrangement and changed the location of the limit switches and the closing spring of the main steam isolation valves.
12. Secured counter weight on arm and installed live-loaded packing system on the steam header non-return check valve.
13. Removed high spots and polished bur in the packing area of the steam generator blowdown isolation valves, 2MS 5989 and 2MS 5959.
14. Replaced train "B", power range, low power trip matrix relay due to loud chattering during surveillance testing.
15. Time delayed relay on AMSAC shutdown panel was found out of tolerance. It was replaced.