



Wisconsin
Electric
POWER COMPANY

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

(414) 221-2345

VPNPD-91-014
NRC-91-007

January 10, 1991

U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Mail Station P1-137
Washington, D. C. 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,
Point Beach Nuclear Plant, for the calendar month of December
1990.

Very truly yours,

C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

9101150001 901231
PDR ADOCK 05000266
R PDR

1/1
IE24

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE January 9, 1991

COMPLETED BY J. W. Jack

TELEPHONE 414 755 2321

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 NOTES
2. REPORTING PERIOD: DECEMBER 1990
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.
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): NOT APPLICABLE
10. REASONS FOR RESTRICTIONS, (IF ANY): NOT APPLICABLE

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	8,760	176,664
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7,423.8	145,767.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	744.0	7,364.3	142,903.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,127,913	10,938,303	199,406,693
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	382,910	3,697,690	67,302,380
18. NET ELECTRICAL ENERGY GENERATED (MWH)	366,401	3,530,349	64,121,040
19. UNIT SERVICE FACTOR	100.0	84.1	80.9
20. UNIT AVAILABILITY FACTOR	100.0	84.1	81.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.5	83.1	74.4
22. UNIT CAPACITY FACTOR (USING DER NET)	99.1	81.1	73.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Forty-two day refueling and maintenance outage scheduled to start April 5, 1991.			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT SHUTDCWN			

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

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date January 9, 1991
 Completed By J. W. Jack
 Telephone No. 414/755-2321

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

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

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
MONTH DECEMBER

DOCKET NO. 50-266
UNIT NAME Point Beach, Unit 1
DATE January 9, 1991
COMPLETED BY J. W. Jack
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>492</u>	21	<u>494</u>
2	<u>493</u>	12	<u>493</u>	22	<u>495</u>
3	<u>494</u>	13	<u>493</u>	23	<u>465</u>
4	<u>491</u>	14	<u>492</u>	24	<u>495</u>
5	<u>493</u>	15	<u>494</u>	25	<u>494</u>
6	<u>493</u>	16	<u>493</u>	26	<u>493</u>
7	<u>493</u>	17	<u>492</u>	27	<u>494</u>
8	<u>493</u>	18	<u>493</u>	28	<u>495</u>
9	<u>494</u>	19	<u>492</u>	29	<u>494</u>
10	<u>494</u>	20	<u>493</u>	30	<u>494</u>
				31	<u>494</u>

DOCKET NO. 50-266
UNIT NAME Point Beach, Unit 1
DATE January 9, 1991
COMPLETED BY J. W. Jack
TELEPHONE 414/755-2321

Unit 1 operated at approximately 493 MWe net throughout this report period with the following load reduction:

December 23 - Power reduced to 357 Mwe for turbine stop valve testing

Safety-related maintenance included the following:

Motor rebalanced on service water pump F

Corrosion repaired on cooling water supply lines to motor-driven auxiliary feedwater pumps A and B and turbine-driven auxiliary feedwater pump

Repaired steam leak on pipe threads of "B" steam generator sample isolation valve

Adjusted packing on pressurizer liquid sample valve

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE January 9, 1991

COMPLETED BY J. W. Jack

TELEPHONE 414 755 2321

OPERATING STATUS

- 1. UNIT NAME: JOINT BEACH NUCLEAR PLANT UNIT ?
- 2. REPORTING PERIOD: DECEMBER 1990
- 3. LICENSED THERMAL POWER (MWT): 1518.5
- 4. NAMEPLATE RATING (GROSS MWE): 523.8
- 5. DESIGN ELECTRICAL RATING (NET MWE): 497.
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.
- 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): NOT APPLICABLE
- 10. REASONS FOR RESTRICTIONS, (IF ANY): NOT APPLICABLE

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	8,760	161,249
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7,738.8	141,084.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	216.7
14. HOURS GENERATOR ON LINE	744.0	7,714.1	138,919.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,120,501	11,580,873	155,164,409
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	386,890	3,972,040	67,297,260
18. NET ELECTRICAL ENERGY GENERATED (MWH)	370,71	3,793,456	64,132,063
19. UNIT SERVICE FACTOR	100.0	88.1	86.0
20. UNIT AVAILABILITY FACTOR	100.0	88.1	86.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.6	89.3	81.2
22. UNIT CAPACITY FACTOR (USING DER NET)	100.1	87.1	79.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.1
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: NOT SHUTDOWN

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

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
 MONTH DECEMBER

DOCKET NO. 50-307
 UNIT NAME Point Beach, Unit 2
 DATE January 9, 1991
 COMPLETED BY J. W. Jack
 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>502</u>	11	<u>501</u>	21	<u>501</u>
2	<u>499</u>	12	<u>503</u>	22	<u>500</u>
3	<u>504</u>	13	<u>472</u>	23	<u>496</u>
4	<u>500</u>	14	<u>501</u>	24	<u>501</u>
5	<u>501</u>	15	<u>504</u>	25	<u>500</u>
6	<u>502</u>	16	<u>503</u>	26	<u>499</u>
7	<u>502</u>	17	<u>501</u>	27	<u>500</u>
8	<u>502</u>	18	<u>503</u>	28	<u>501</u>
9	<u>484</u>	19	<u>501</u>	29	<u>501</u>
10	<u>502</u>	20	<u>432</u>	30	<u>500</u>
				31	<u>500</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date January 9, 1991
 Completed By J. W. Jack
 Telephone No. 414/755-2321

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

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 January 9, 1991
COMPLETED BY J. W. Jack
TELEPHONE 414/755-2321

Unit 2 operated at approximately 500 MWe net throughout this report period with the following load reductions:

- December 2 - Power was reduced to 469 MWe for condenser steam dump testing.
- December 9 - Power was reduced to 369 MWe for turbine stop valve testing.
- December 13 - Power was reduced to 200 MWe in response to inadvertent actuation of relay 2CPAX. An operator accidentally bumped containment pressure condensate isolation relay 2CPAX while attempting to verify wiring in a control board. The relay in turn tripped the condensate pumps and heater drain tank pumps. Operators promptly responded by initiating a manual runback from 100 percent to 38 percent power and restarting the condensate the heater drain tank pumps prior, thereby preventing a unit trip.
- December 20 - Power was reduced to 295 MWe to repair condensate pump B.

Safety-related maintenance included the following:

Corrosion repaired on cooling water supply lines to the turbine-driven auxiliary feedwater pump.