



**Wisconsin
Electric**
POWER COMPANY

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

(414) 221-2365

VPNPD-91-091
NRC-91-026

March 8, 1991

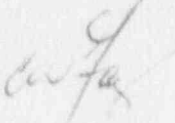
U. S. NUCLEAR REGULATORY COMMISSION
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Gentlemen:

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 February
1991.

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

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE March 6, 1991

COMPLETED BY D. C. Peterson

TELEPHONE 414 755 2321

OPERATING STATUS

- | | |
|---|-------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 | NOTES |
| 2. REPORTING PERIOD: FEBRUARY 1991 | |
| 3. LICENSED THERMAL POWER (MWT): 1518.5 | |
| 4. NAMEPLATE RATING (GROSS MWE): 523. | |
| 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	672	1,416	178,080
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	147,183.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	672.0	1,416.0	144,319.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,018,970	2,147,095	201,553,790
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	346,350	729,400	68,031,780
18. NET ELECTRICAL ENERGY GENERATED (MWH)	332,050	699,234	64,820,272
19. UNIT SERVICE FACTOR	100.0	100.0	81.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	81.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.9	101.8	74.6
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	99.4	73.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling and maintenance shutdown scheduled for April 6 to May 17, 1991.

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 LEVELMONTH FEBRUARY - 1991DOCKET NO. 50-266UNIT NAME Point Beach, Unit 1DATE March 6, 1991COMPLETED BY D. C. PetersonTELEPHONE 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>495</u>	11	<u>495</u>	21	<u>495</u>
2	<u>495</u>	12	<u>494</u>	22	<u>494</u>
3	<u>495</u>	13	<u>495</u>	23	<u>495</u>
4	<u>495</u>	14	<u>495</u>	24	<u>494</u>
5	<u>495</u>	15	<u>494</u>	25	<u>496</u>
6	<u>495</u>	16	<u>495</u>	26	<u>493</u>
7	<u>495</u>	17	<u>476</u>	27	<u>493</u>
8	<u>496</u>	18	<u>496</u>	28	<u>497</u>
9	<u>495</u>	19	<u>493</u>		
10	<u>495</u>	20	<u>494</u>		

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1991

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date March 6, 1991
 Completed By D. C. Peterson
 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. 50-266
UNIT NAME Point Beach Unit 1
DATE March 6, 1991
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321

Unit 1 operated at approximately 494 MWe net throughout this report period with no significant load reductions.

On February 6 the off-site siren system did not operate during monthly test. The cause was suspected to be operator error. Training and procedure review corrected the problem. The NRC was notified by the Emergency Notification System.

On February 20 an Emergency Plan drill was conducted during off hours in preparation for the March 19 exercise.

Safety-related maintenance included: Seal repairs to 1P10A residual heat removal pump and 1P2A charging pump; motor cleaning on P32D service water pump, cleaning of G-02 emergency diesel lube oil pump discharge strainer and repairs to spare station battery D-205.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE March 6, 1991

COMPLETED BY D. C. Peterson

TELEPHONE 414 755 2321

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 . NOTES .
2. REPORTING PERIOD: FEBRUARY 1991 . .
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	672	1,416	162,865
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	142,500.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	216.7
14. HOURS GENERATOR ON LINE	672.0	1,416.0	140,335.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,018,650	2,147,161	200,311,570
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	349,920	737,830	68,035,090
18. NET ELECTRICAL ENERGY GENERATED (MWH)	335,359	706,987	64,839,053
19. UNIT SERVICE FACTOR	100.0	100.0	86.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.9	102.9	81.4
22. UNIT CAPACITY FACTOR (USING DER NET)	100.4	100.5	80.1
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 LEVELMONTH FEBRUARY - 1991DOCKET NO. 50-301UNIT NAME Point Beach, Unit 2DATE March 6, 1991COMPLETED BY D. C. PetersonTELEPHONE 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>500</u>	11	<u>500</u>	21	<u>501</u>
2	<u>500</u>	12	<u>500</u>	22	<u>500</u>
3	<u>476</u>	13	<u>500</u>	23	<u>500</u>
4	<u>501</u>	14	<u>500</u>	24	<u>499</u>
5	<u>500</u>	15	<u>499</u>	25	<u>500</u>
6	<u>500</u>	16	<u>500</u>	26	<u>498</u>
7	<u>500</u>	17	<u>500</u>	27	<u>499</u>
8	<u>501</u>	18	<u>501</u>	28	<u>500</u>
9	<u>500</u>	19	<u>499</u>		
10	<u>500</u>	20	<u>499</u>		

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1991

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date March 6, 1991
 Completed By D. C. Peterson
 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
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³Method:
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 Previous Shutdown
 5 - Reduced Load
 6 - Other (explain)

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 data entry sheets
 LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE March 6, 1991
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321

Unit 2 operated at approximately 499 MWe net throughout this report period with no significant load reductions.

On February 28, during routine post-maintenance tests on 2P10B, residual heat removal pump, a leak was located on a pump discharge instrumentation line. While completing weld repairs on the leak, power was reduced to 30%. An Unusual Event was declared based on a shutdown required by Technical Specifications due to loss of engineered safety equipment. When the 24-hour LCO expired, the Unit 2 power level was then reduced to 17%. The leak tests and system lineup were subsequently completed; the Unusual Event was then terminated; and Unit 2 returned to 100% power.

Safety-related maintenance included repairs to boric acid storage tank level switch LC-0190A/B.