OPERATING DATA REPORT

DOCKET NO. 50-266

DATE May 7, 1984

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 . NOTES .
2. REPORTING PERIOD: APRIL 1984 .
3. LICENSED THERMAL POWER (MWT): 1518. .
4. NAMEPLATE RATING (GROSS MWE): 523.8 .
5. DESIGN ELECTRICAL RATING (NET MWE): 497. .
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 519. .
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	719	2,903	118,199
12. NUMBER OF HOURS REACTOR WAS CRITICAL	554.4	554.4	94,632.9
13. REACTOR RESERVE SHUTDOWN HOURS	3.9	3.9	629.3
14. HOURS GENERATOR ON LINE	520.5	520.5	92,128.0
15. UNIT RESERVE SHUTDOWN HOURS	5.8	5.8	799.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	692,459	692,459	124,227,771
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	239,010	239,010	41,634,990
18. NET ELECTRICAL ENERGY GENERATED (MWH)	226,245	220,751	39,583,185
19. UNIT SERVICE FACTOR	72.4	17.9	77.9
20. UNIT AVAILABILITY FACTOR	73.2	18.1	78.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	64.9	15.7	68.5
22. UNIT CAPACITY FACTOR (USING DER NET)	63.3	15.3	67.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.6

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

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DOCKET NO. 50-266

UNIT NAME Point Beach Unit 1

DATE May 7, 1984

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	-3	11	352	21	484
2	-3	12	412	22	450
3	-5	13	421	23	466
4	-12	14	452	24	478
5	-1	15	450	25	489
6	-2	16	464	26	496
7	-7	17	483	27	501
8	-12	18	476	28	502
9	54	19	482	29	467
10	152	20	487	30	501
				31	

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1984

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE May 7, 1984
COMPLETED BY C. W. Fay
TELEPHONE 414/277-2811

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	831001	S	197.5	C	1	N/A	ZZ	ZZZZZZ	Continuation of a 26-week refueling and steam generator replacement outage.
1	840409	S	1.0	B	1	N/A	ZZ	ZZZZZZ	Unit removed from service to complete off line turbine trip testing.

[1] F: Forced
S: Scheduled

[2] Reason:
A- Equipment Failure (explain)
B- Maintenance or Test
C- Refueling
D- Regulatory Restriction
E- Operator Training & License Exam
F- Administrative
G- Operational Error (explain)

[3] Method:
1- Manual
2- Manual Scram
3- Automatic Scram
4- Other (explain)

[4] Exhibit G-Instructions for Preparation of Data Entry Sheets for LER File (NUREG-0161)

[5] Exhibit I- Same Source

AD-28B

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-266
Unit Name	Point Beach Unit 1
Date	May 7, 1984
Completed By	C. W. Krause
Telephone	414-277-2001

During the period Unit 1 completed its refueling and steam generator replacement. The containment integrated leak rate test was successfully completed on April 2 and on April 3 heatup of the primary system commenced. On April 7 hot rod drop tests were completed and Unit 1 reactor went critical for the first time in 28 weeks at 2015 hours. At 0530 hours on April 9 the generator went on line and load was increased to 100 MWe net. The turbine generator was then taken off line on April 9 at 1542 hours for 55 minutes to complete turbine overspeed trip tests. Unit 1 was stepped up to 98% power over a period of eight days to facilitate fuel soaking and flux mapping. The unit operated near full power for the remainder of the period.

On April 24 the plant staff was informed by the Nuclear Regulatory Commission via the Resident Inspector that Unit 1 had been operating since startup from the refueling outage in violation of Technical Specification 15.3.10.A.2. This specification outlines the control rod insertion limit. Initial corrective action was to withdraw the control rods three additional steps, from 225 steps to 228 steps. A Technical Specification change will be submitted to make final corrective action. A Licensee Event Report will be submitted to the NRC.

Safety-related maintenance completed during the period included the inspection and cleaning of excess letdown valve 1MOV-1299, replacement of a construction damaged resistance temperature detector ("A" loop, cold leg TE-402B), the inspection and cleaning of Unit 1 letdown isolation valve 1MOV-427, modifications to the solenoid valves on the main feed regulating valves, commencement of the 3D annual inspection, inspection of the "B" component cooling water pump bearing, repairs to a body-to-bonnet leak on "A" main steam stop valve bypass line, and the addition of two manual isolation valves to the containment air monitoring system. Other safety-related maintenance included the replacement of "O" ring seals on K10A cryogenic compressor, the replacement of 1P29 auxiliary feed pump governor, and solenoid valve repairs to purge exhaust valve operator CV-3213.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE May 7, 1984

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: APRIL 1984
3. LICENSED THERMAL POWER (MWT): 1518.
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 519.
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

NOTES

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719	2,903	102,984
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,903.0	91,331.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	198.3
14. HOURS GENERATOR ON LINE	719.0	2,903.0	89,805.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	182.7
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,068,842	4,357,092	125,251,869
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	359,900	1,468,610	42,428,440
18. NET ELECTRICAL ENERGY GENERATED (MWH)	343.539	1,405,154	40,405,754
19. UNIT SERVICE FACTOR	100.0	100.0	87.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.5	99.8	79.8
22. UNIT CAPACITY FACTOR (USING DER NET)	96.1	97.4	78.9
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): 1
    Five-week refueling outage scheduled to begin on September 28, 1984.

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

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE May 7, 1984

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	489	11	488	21	403
2	487	12	472	22	450
3	489	13	476	23	487
4	488	14	492	24	488
5	487	15	482	25	476
6	488	16	487	26	488
7	464	17	491	27	488
8	394	18	484	28	488
9	488	19	488	29	488
10	489	20	469	30	488
				31	

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1984

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE May 7, 1984
COMPLETED BY C. W. Fay
TELEPHONE 414/277-2811

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

[1] F: Forced
S: Scheduled

[2] Reason:
A- Equipment Failure (explain)
B- Maintenance or Test
C- Refueling
D- Regulatory Restriction
E- Operator Training & License Exam
F- Administrative
G- Operational Error (explain)

[3] Method:
1- Manual
2- Manual Scram
3- Automatic Scram
4- Other (explain)

[4] Exhibit G-Instructions for Preparation of Data Entry Sheets for LER File (NUREG-0161)

[5] Exhibit I- Same Source

AD-28B
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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-301
Unit Name	Point Beach Unit 2
Date	May 7, 1984
Completed By	C. W. Krause
Telephone	414-277-2001

Unit 2 operated at approximately 488 MWe net throughout the period. Two minor load reductions occurred on April 8 and April 21 to repair tube leaks in the main condensers. The unit continued to operate with the "A" and "D" moisture-separator-reheaters isolated because of tube leakage.

On April 24 the plant staff was informed by the Nuclear Regulatory Commission via the Resident Inspector that Unit 2 had been operating since startup from its last refueling outage in violation of Technical Specification 15.3.10.A.2. This specification outlines the control rod insertion limit. Initial corrective action was to withdraw the control rods three additional steps, from 225 steps to 228 steps. A Technical Specification change will be submitted to make final corrective action. A Licensee Event Report will be submitted to the NRC.

Safety-related maintenance included the replacement of overpower temperature change relay TC-407A, seal replacement on "B" charging pump and discharge relief valve replacement on "A" charging pump, and repairs to motor generator 2G07 bearing.

Wisconsin Electric POWER COMPANY
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

May 9, 1984

Director of Regulatory Operations
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Gentlemen:

MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT

Attached are monthly operating reports for Units 1 and 2, Point Beach Nuclear Plant, for the calendar month of April 1984.

Very truly yours,

C. W. Fay

Vice President-Nuclear Power

C. W. Fay

Attachments

Copies to J. G. Keppler - NRC, Region III
NRC Resident Inspector
C. F. Riederer - PSCW

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