OPERATING DATA REPORT

DOCKET NO. 50-266

DATE February 5, 1979

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: JANUARY 1979
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): 495.

NOTES

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	744	72,216
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	60,631.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	439.6
14. HOURS GENERATOR ON LINE	744.0	744.0	58,681.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	383.4
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,105,062	1,105,062	82,471,677
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	375,030	375,030	27,802,670
18. NET ELECTRICAL ENERGY GENERATED (MWH)	359,367	359,367	26,494,121
19. UNIT SERVICE FACTOR	100.0	100.0	81.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	81.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.6	97.6	75.6
22. UNIT CAPACITY FACTOR (USING DER NET)	97.2	97.2	73.8
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.9

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

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE February 5, 1979

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JANUARY 1979
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): 495.

NOTES

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	744	57,001
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	51,833.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	149.6
14. HOURS GENERATOR ON LINE	744.0	744.0	50,738.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	87.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,116,477	1,116,477	67,401,694
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	380,220	380,220	22,855,330
18. NET ELECTRICAL ENERGY GENERATED (MWH)	364,084	364,084	21,731,761
19. UNIT SERVICE FACTOR	100.0	100.0	89.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	89.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.9	98.9	77.9
22. UNIT CAPACITY FACTOR (USING DER NET)	98.5	98.5	76.7
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 maintenance shutdown scheduled for March 9, 1979, to last approximately three and one-half weeks.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE February 5, 1979
COMPLETED BY Wis. Elec. Pwr. Co.
TELEPHONE

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	790102	F	0	H	4	N/A	HF	PIPEXX	Freezing of the circulating water intake crib caused severe operating problems resulting in about 11½ hours of reduced power operation.

[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)
H- Other (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
(01-78)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE February 5, 1979
COMPLETED BY Wis. Elec. Pwr. Co.
TELEPHONE

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)
H- Other (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
(01-78)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE February 5, 1979
COMPLETED BY Wisconsin Electric Power Company

Point Beach Nuclear Plant generated its 50 billionth kilowatt hour of electricity at 3:15 a.m., January 5, 1979. Units 1 and 2 had generated 27.5 and 22.5 billion kilowatt hours, respectively.

During the month of January, Unit 1 was base loaded for approximately 97% of the period with five load reductions.

Freezing of the circulating water intake crib necessitated 11½ hours of reduced power operation for Unit 1. After indications of freezing became evident at 2:50 a.m., January 2, 1979, Unit 1 load was reduced to 230 MWe for about five hours. When freezing problems continued, Unit 1 load was reduced to 95 MWe for one hour and finally to 70 MWe for about two hours. Beginning around 11:00 a.m., the freezing problems were gradually overcome and return to full load was commenced about noon. Unit 1 achieved full power at 2:17 p.m., January 2, 1979.

Power Supply requested that load be reduced to 365 MWe for five hours on January 1, 1979.

Load was reduced to 470 MWe for about ten minutes on January 5, 1979, when the "B" heater drain tank pump discharge check valve stuck open and caused a partial loss of main feed pump suction pressure. The load was reduced to provide some operating margin above the low feed pump suction pressure trip setpoint until the heater drain tank pump could be manually isolated.

Load was reduced to 350 MWe for two hours on January 8, 1979, to conduct turbine stop valve tests. Load was reduced to 465 MWe for ten minutes on January 16, 1979, to conduct inservice tests of the pressurizer power operated relief valves.

Primary-to-secondary leakage in the "A" steam generator gradually increased from 43 to 56 gallons per day over the period.

No major safety related maintenance was performed during the period.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE February 5, 1979
COMPLETED BY Wisconsin Electric Power Company

Point Beach Nuclear Plant generated its 50 billionth kilowatt hour of electricity at 3:15 a.m., January 5, 1979. Units 1 and 2 had generated 27.5 and 22.5 billion kilowatt hours, respectively.

During the month of January, Unit 2 was base loaded for approximately 99% of the period with six load reductions.

Freezing of the circulating water intake crib made it necessary to reduce Unit 2 load to 295 MWe for one and one-half hours on January 2, 1979.

Load was reduced to 345 MWe for one hour on January 16, 1979, to conduct turbine stop valve tests. Load was reduced to 470 MWe for one-half hour on January 18, 1979, to test the "A" atmospheric steam dump valve.

Load was reduced to 465 MWe for about one-half hour on January 26, 1979, to isolate the "A" and "C" moisture separator reheaters in order to repair a body-to-bonnet leak on the "A" moisture separator reheater steam purge valve (used for initial moisture separator reheater warmup). The repair was completed and the moisture separator reheaters were restored to service later that same day. Unit load was manually run back to 395 MWe for about one-half hour on January 26, 1979, in anticipation of low feed pump suction pressure during an unexplained condensate system pressure transient. Full power was resumed when conditions returned to normal. Load was reduced to 470 MWe for 15 minutes on January 28, 1979, to test the "B" atmospheric steam dump valve.

Twenty four of the 36 new fuel assemblies for the upcoming refueling arrived in two shipments received on January 18, 1979, and January 25, 1979.

No major safety related maintenance was performed during the period.

DOCKET NO. 50-266

UNIT NAME Point Beach Unit 1

DATE February 5, 1979

COMPLETED BY Wisconsin Electric Power Co.

TELEPHONE

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1979

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	470	11	489	21	490
2	347	12	486	22	490
3	486	13	489	23	489
4	490	14	486	24	488
5	487	15	483	25	489
6	484	16	489	26	489
7	486	17	491	27	492
8	477	18	490	28	493
9	486	19	486	29	491
10	490	20	489	30	492
				31	492

AD-28A
(1-77)

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE February 5, 1979

COMPLETED BY Wisconsin Electric Power Co.

TELEPHONE

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1979

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	496	11	486	21	493
2	471	12	485	22	493
3	487	13	487	23	494
4	487	14	485	24	490
5	484	15	488	25	490
6	486	16	484	26	488
7	487	17	491	27	495
8	490	18	489	28	497
9	490	19	491	29	494
10	491	20	495	30	496
				31	493

AD-28A
(1-77)