

July 1983

REFUELING INFORMATION REQUEST

In accordance with our letter dated February 21, 1978, which provided certain refueling information, we are providing the following update to that refueling information: (NC = No Change)

- | | |
|---|---|
| a) Next Scheduled Refueling Shutdown: | Unit 1: <u>09/30/83</u> |
| | Unit 2: <u>09/28/84</u> |
| b) Scheduled Date for Restart: | Unit 1: <u>03/30/84</u> |
| | Unit 2: <u>11/02/84</u> |
| c) License Amendment Required/Staff
10 CFR 50.59 Review Completed: | Unit 1: <u>Yes, steam generator
replacement</u> |
| | Unit 2: <u>None anticipated</u> |
| d) Scheduled Date for Submitting
Supporting Information: | Unit 1: <u>Submitted</u> |
| | Unit 2: <u>07/01/84</u> |
| e) Important Licensing Considerations: | Unit 1: <u>Steam generator
replacement</u> |
| | Unit 2: <u>None</u> |
| f) Number of Fuel Assemblies in Storage Pool: | <u>444</u> |
| g) Other: | It is anticipated that Point Beach Nuclear Plant will begin receiving returned spent fuel assemblies from Morris and West Valley later this summer. |

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE August 9, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 NOTES
2. REPORTING PERIOD: JULY 1983
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.
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): 390.0
10. REASONS FOR RESTRICTIONS. (IF ANY): Power level restricted because of self-imposed
hot leg limitation in an attempt to limit steam generator tube corrosion.

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,087	111,623
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,038.6	92,610.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.4	625.4
14. HOURS GENERATOR ON LINE	744.0	5,031.9	90,140.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	793.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	872,089	5,876,014	121,825,003
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	288,440	1,958,310	40,834,100
18. NET ELECTRICAL ENERGY GENERATED (MWH)	272,841	1,854,439	38,836,157
19. UNIT SERVICE FACTOR	100.0	98.9	80.8
20. UNIT AVAILABILITY FACTOR	100.0	98.9	81.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	74.1	73.6	71.2
22. UNIT CAPACITY FACTOR (USING DER NET)	73.8	73.3	70.0
23. UNIT FORCED OUTAGE RATE	0.0	0.1	2.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Twenty-six week refueling and steam generator replacement outage scheduled to commence September 30, 1983.			
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. 50-266
 UNIT NAME Point Beach Unit 1
 DATE August 9, 1983
 COMPLETED BY C. W. Fay
 TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 1983

<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>371</u>	11	<u>372</u>	21	<u>370</u>
2	<u>370</u>	12	<u>371</u>	22	<u>368</u>
3	<u>371</u>	13	<u>372</u>	23	<u>364</u>
4	<u>372</u>	14	<u>371</u>	24	<u>360</u>
5	<u>373</u>	15	<u>370</u>	25	<u>359</u>
6	<u>370</u>	16	<u>371</u>	26	<u>357</u>
7	<u>373</u>	17	<u>371</u>	27	<u>359</u>
8	<u>359</u>	18	<u>371</u>	28	<u>363</u>
9	<u>358</u>	19	<u>371</u>	29	<u>363</u>
10	<u>352</u>	20	<u>371</u>	30	<u>364</u>
				31	<u>365</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983DOCKET NO. 50-266UNIT NAME Point Beach Unit, 1DATE August 9, 1983COMPLETED BY C. W. FayTELEPHONE 414/277-2811

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report No.	System Code ⁴	Component Code	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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-266
Unit Name	Point Beach Unit 1
Date	August 9, 1983
Completed By	C. W. Fay
Telephone	414/277-2811

Unit 1 operated at approximately 371 MWe net throughout the period with no significant load reductions. The primary-to-secondary leakage remains stable at less than 10 gallons per day.

Safety-related maintenance performed this period included the annual inspection and governor replacement to the 3D emergency diesel generator.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE August 9, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JULY 1983
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.
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	5,087	96,408
12. NUMBER OF HOURS REACTOR WAS CRITICAL	721.8	2,725.4	84,783.5
13. REACTOR RESERVE SHUTDOWN HOURS	1.2	1.2	198.0
14. HOURS GENERATOR ON LINE	617.9	2,610.8	83,266.0
15. UNIT RESERVE SHUTDOWN HOURS	1.5	1.5	182.7
16. GROSS THERMAL ENERGY GENERATED (MWH)	883,944	3,891,199	115,406,793
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	297,790	1,307,050	39,108,450
18. NET ELECTRICAL ENERGY GENERATED (MWH)	282,236	1,242,599	37,231,566
19. UNIT SERVICE FACTOR	83.1	51.3	86.4
20. UNIT AVAILABILITY FACTOR	83.3	51.4	86.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	76.6	49.3	78.6
22. UNIT CAPACITY FACTOR (USING DER NET)	76.3	49.1	77.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.5
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

DOCKET NO.	<u>50-301</u>
UNIT NAME	<u>Point Beach Unit 2</u>
DATE	<u>August 9, 1983</u>
COMPLETED BY	<u>C. W. Fay</u>
TELEPHONE	<u>414/277-2811</u>

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 1983

<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>-11</u>	11	<u>487</u>	21	<u>489</u>
2	<u>-12</u>	12	<u>491</u>	22	<u>487</u>
3	<u>-12</u>	13	<u>490</u>	23	<u>483</u>
4	<u>-12</u>	14	<u>493</u>	24	<u>461</u>
5	<u>-13</u>	15	<u>490</u>	25	<u>477</u>
6	<u>55</u>	16	<u>483</u>	26	<u>477</u>
7	<u>274</u>	17	<u>489</u>	27	<u>480</u>
8	<u>435</u>	18	<u>490</u>	28	<u>485</u>
9	<u>435</u>	19	<u>490</u>	29	<u>485</u>
10	<u>433</u>	20	<u>489</u>	30	<u>485</u>
				31	<u>486</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE August 9, 1983

REPORT MONTH July, 1983

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	830325	S	124.6	C	1	N/A	ZZ	ZZZZZZ	Completed refueling and steam generator sleeving outage.
2	830706	S	1.5	B	4	N/A	ZZ	ZZZZZZ	Unit removed from service for off-line turbine 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)
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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date August 9, 1983
Completed By C. W. Fay
Telephone 414/277-2811

Unit 2 completed its ninth refueling outage with the reactor going critical at 2214 hours on July 1. The Unit 2 turbine went on line at 0438 hours on July 6. At 1706 hours on July 6 Unit 2 turbine was taken off line to conduct overspeed trip tests. At 1837 hours on July 6 the generator went back on line. Load was ramped up at a rate of 3% per hour as a prerequisite to fuel conditioning. Load was held steady at 439 MWe from July 7 to July 11 for fuel conditioning and at 0445 hours on July 11 achieved full power, approximately 493 MWe net.

On July 13 the Unit 2 south nonreturn valve was found to be in a degraded condition. This was due to movement of the valve operator sleeve on the disc shaft causing interference with the building structure. The valve arm has been subsequently modified to place it in a fully operational condition. A 30-day Licensee Event Report will be submitted.

On July 21 at approximately 1630 hours a red phone call regarding an unplanned release of radioactive noble gas from the plant's cryogenic system was made. Subsequent investigation found the following items to be the contributing factors:

1. The waste gas compressor regulating valve (PCV-1) had a packing leak.
2. The waste gas "C" tank relief valve was leaking.
3. The waste gas compressor discharge relief valve was leaking.

3.21 Curies of noble gas radioactivity were released to the atmosphere which is less than the limits allowed in the Technical Specifications. The causes of the release have been repaired and the gas stripper system is back in normal operation.

Other safety-related maintenance this period included repairs to "B" residual heat removal pump and repairing body-to-bonnet leaks on newly installed manual letdown isolation valve 2CV-371B and valve 2-371A.



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

August 9, 1983

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 July
1983.

Very truly yours,

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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