

8309190142 830907  
PDR ADOCK 05000266  
R PDR

RATING DATA REPORT

DOCKET NO. 50-266

DATE September 7, 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: AUGUST 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	5,831	112,367
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,782.6	93,354.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.4	625.4
14. HOURS GENERATOR ON LINE	744.0	5,775.9	90,884.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	793.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	866,073	6,742,087	122,691,076
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	282,420	2,240,730	41,116,520
18. NET ELECTRICAL ENERGY GENERATED (MWH)	266,680	2,121,119	39,102,837
19. UNIT SERVICE FACTOR	100.0	99.1	80.9
20. UNIT AVAILABILITY FACTOR	100.0	99.1	81.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	72.4	73.5	71.2
22. UNIT CAPACITY FACTOR (USING DER NET)	72.1	73.2	70.0
23. UNIT FORCED OUTAGE RATE	0.0	0.1	2.6
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

# NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266  
Unit Name Point Beach Unit 1  
Date September 7, 1983  
Completed By C. W. Fay  
Telephone 414/277-2811

Unit 1 operated at approximately 363 MWe net throughout the period with no significant load reductions. This is less than last month's average generation due to condenser high inlet temperatures. The primary-to-secondary leakage remains stable at less than 10 gallons per day.

On August 2, 1983, at 0500 hours, containment isolation valve 1CV-3200C failed to shut during a monthly surveillance test. A 14-day Licensee Event Report has been filed.

DOCKET NO.	<u>50-266</u>
UNIT NAME	<u>Point Beach Unit 1</u>
DATE	<u>September 7, 1983</u>
COMPLETED BY	<u>C. W. Fay</u>
TELEPHONE	<u>414/277-2811</u>

AVERAGE DAILY UNIT POWER LEVEL

MONTH August, 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>366</u>	11	<u>363</u>	21	<u>361</u>
2	<u>365</u>	12	<u>363</u>	22	<u>361</u>
3	<u>369</u>	13	<u>353</u>	23	<u>360</u>
4	<u>367</u>	14	<u>325</u>	24	<u>359</u>
5	<u>363</u>	15	<u>365</u>	25	<u>360</u>
6	<u>362</u>	16	<u>368</u>	26	<u>362</u>
7	<u>308</u>	17	<u>369</u>	27	<u>358</u>
8	<u>362</u>	18	<u>365</u>	28	<u>316</u>
9	<u>361</u>	19	<u>367</u>	29	<u>363</u>
10	<u>360</u>	20	<u>366</u>	30	<u>363</u>
				31	<u>361</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1983

DOCKET NO. 50-266  
UNIT NAME Point Beach Unit 1  
DATE September 7, 1983  
COMPLETED BY C. W. Fay  
TELEPHONE 414/277-2811

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting <sup>3</sup> Down Reactor	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	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

# OPERATING DATA REPORT

DOCKET NO. 50-301

DATE September 7, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: AUGUST 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	5,831	97,152
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.2	3,444.6	85,502.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.3	1.5	198.3
14. HOURS GENERATOR ON LINE	713.5	3,324.3	83,979.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	1.5	182.7
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,075,582	4,966,781	116,482,375
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	360,540	1,667,590	39,468,990
18. NET ELECTRICAL ENERGY GENERATED (MWH)	343,858	1,586,457	37,575,424
19. UNIT SERVICE FACTOR	95.9	57.0	86.4
20. UNIT AVAILABILITY FACTOR	95.9	57.0	86.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	93.4	55.0	78.7
22. UNIT CAPACITY FACTOR (USING DER NET)	93.0	54.7	77.8
23. UNIT FORCED OUTAGE RATE	4.1	0.9	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

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301  
Unit Name Point Beach Unit 2  
Date September 7, 1983  
Completed By C. W. Fay  
Telephone 414/277-2811

Unit 2 operated at approximately 483 MWe net throughout the period with one significant load reduction. On August 3, 1983, the unit tripped due to a valve failure in the "A" RTD bypass manifold. This resulted in an overpower  $\Delta T$  condition being sensed by instrumentation. After repairs to the valve were complete, the unit came back on line August 5, 1983, and was at full power at 0906 hours the same day. The average generation was less than last month's due to condenser high inlet temperatures.

On August 17, 1983, inservice testing of the "B" residual heat removal pump showed excessive vibration in the pump. The plant was placed in a 24-hour limiting condition for operation while maintenance was performed. A 30-day report will be submitted.

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE September 7, 1983

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH August, 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>487</u>	11	<u>485</u>	21	<u>484</u>
2	<u>487</u>	12	<u>484</u>	22	<u>484</u>
3	<u>395</u>	13	<u>468</u>	23	<u>484</u>
4	<u>-9</u>	14	<u>486</u>	24	<u>482</u>
5	<u>372</u>	15	<u>489</u>	25	<u>483</u>
6	<u>483</u>	16	<u>491</u>	26	<u>484</u>
7	<u>485</u>	17	<u>490</u>	27	<u>485</u>
8	<u>485</u>	18	<u>489</u>	28	<u>483</u>
9	<u>483</u>	19	<u>491</u>	29	<u>483</u>
10	<u>482</u>	20	<u>489</u>	30	<u>485</u>
				31	<u>481</u>



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1983DOCKET NO. 50-301UNIT NAME Point Beach Unit 2DATE September 7, 1983COMPLETED BY C. W. FayTELEPHONE 414/277-2811

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
3	830803	F	30.5	A	3	N/A	CB	VALVEX	Tripped on overpower $\Delta T$ due to the "A" cold leg RTD manifold isolation valve failed shut. Valve bonnet was replaced.

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
1- Manual  
2- Manual Scram  
3- Automatic Scram  
4- Other (explain)

<sup>4</sup> Exhibit G-Instructions for Preparation of Data Entry Sheets for LER File (NUREG-0161)

<sup>5</sup> Exhibit I- Same Source





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

September 13, 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 August 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

FE24  
111