

# OPERATING DATA REPORT

DOCKET NO. 50-266

DATE October 5, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: SEPTEMBER 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	720	6,551	113,087
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6,502.6	94,074.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.4	625.4
14. HOURS GENERATOR ON LINE	720.0	6,495.9	91,604.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	793.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	842,740	7,584,827	123,533,816
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	278,960	2,519,690	41,395,480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	263,725	2,384,844	39,366,562
19. UNIT SERVICE FACTOR	100.0	99.2	81.0
20. UNIT AVAILABILITY FACTOR	100.0	99.2	81.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	74.0	73.5	71.2
22. UNIT CAPACITY FACTOR (USING DER NET)	73.7	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 on October 1, 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.	<u>50-266</u>
UNIT NAME	<u>Point Beach Unit 1</u>
DATE	<u>October 5, 1983</u>
COMPLETED BY	<u>C. W. Fay</u>
TELEPHONE	<u>414/277-2811</u>

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 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>359</u>	11	<u>309</u>	21	<u>365</u>
2	<u>362</u>	12	<u>370</u>	22	<u>367</u>
3	<u>363</u>	13	<u>371</u>	23	<u>368</u>
4	<u>371</u>	14	<u>369</u>	24	<u>368</u>
5	<u>369</u>	15	<u>368</u>	25	<u>371</u>
6	<u>371</u>	16	<u>369</u>	26	<u>372</u>
7	<u>372</u>	17	<u>367</u>	27	<u>372</u>
8	<u>371</u>	18	<u>366</u>	28	<u>371</u>
9	<u>372</u>	19	<u>366</u>	29	<u>372</u>
10	<u>367</u>	20	<u>367</u>	30	<u>366</u>
				31	<u></u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1983DOCKET NO. 50-266UNIT NAME Point Beach Unit 1DATE October 5, 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

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 October 5, 1983  
Completed By C. W. Fay  
Telephone 414/277-2811

Unit 1 operated at approximately 369 MWe net throughout the period. At 2200 hours on September 30, 1983, Unit 1 commenced load reduction for the steam generator replacement outage. The unit was taken off line at 0320 hours on October 1, 1983.

The primary-to-secondary leakage remains stable at less than 10 gallons per day.

On September 26, 1983, a breach was found in a passive fire barrier in the west wall of the 4 KV vital switchgear room. The fire barrier was penetrated for the purpose of running cables in the cable tray which penetrates the wall by contractors in early spring this year. The problem was rectified the same day. A Significant Operating Event will be written on this incident.

On September 20, 1983, the annual NRC-required Emergency Plan drill was conducted and lasted approximately 10 hours.

On September 7, 1983, Unit 1 developed a control rod problem giving an urgent alarm. I&C was called in and after approximately 4 hours a faulty circuit board was replaced in the rod control system and the rod control system returned to normal.

On September 29, 1983, at 1430 hours, the smoke detection system for the cable spreading room and the 4160 V vital switchgear room was discovered out of service. Upon discovery, hourly inspections were commenced. The detection system was returned to service on September 30, 1983 at 1300 hours and a 30-day Licensee Event Report will be drafted for submittal to the NRC.

# OPERATING DATA REPORT

DOCKET NO. 50-301

DATE October 5, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

## OPERATING STATUS

- |   |                |
|---|----------------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2  | NOTES          |
| 2. REPORTING PERIOD: SEPTEMBER 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	720	6,551	97,872
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,164.6	86,222.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.5	198.3
14. HOURS GENERATOR ON LINE	720.0	4,044.3	84,699.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	1.5	182.7
16. GROSS THERMAL ENERGY GENERATED (MMH)	1,087,367	6,054,148	117,569,742
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	367,200	2,034,790	39,836,190
18. NET ELECTRICAL ENERGY GENERATED (MMH)	350,863	1,937,320	37,926,287
19. UNIT SERVICE FACTOR	100.0	61.7	86.5
20. UNIT AVAILABILITY FACTOR	100.0	61.8	86.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.4	59.7	78.8
22. UNIT CAPACITY FACTOR (USING DER NET)	98.1	59.5	78.0
23. UNIT FORCED OUTAGE RATE	0.0	0.7	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. 50-301

UNIT NAME Point Beach Unit 2

DATE October 5, 1983

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 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>480</u>	11	<u>493</u>	21	<u>485</u>
2	<u>482</u>	12	<u>490</u>	22	<u>485</u>
3	<u>485</u>	13	<u>491</u>	23	<u>486</u>
4	<u>472</u>	14	<u>489</u>	24	<u>488</u>
5	<u>492</u>	15	<u>489</u>	25	<u>490</u>
6	<u>491</u>	16	<u>490</u>	26	<u>491</u>
7	<u>491</u>	17	<u>488</u>	27	<u>490</u>
8	<u>491</u>	18	<u>481</u>	28	<u>491</u>
9	<u>492</u>	19	<u>486</u>	29	<u>491</u>
10	<u>492</u>	20	<u>486</u>	30	<u>472</u>
				31	<u></u>



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1983DOCKET NO. 50-301UNIT NAME Point Beach Unit 2DATE October 5, 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

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)

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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	October 4, 1983
Completed By	C. W. Fay
Telephone	414/277-2811

Unit 2 operated at approximately 487 MWe net throughout the period with no significant load changes.

The primary-to-secondary leakage remains stable at less than 10 gallons per day.

On September 12, 1983, the Unit 2 containment hatch was left unlocked. A Significant Operating Event was written on the incident.

Safety-related maintenance included repairing a 2P2C charging pump leak and dismantling and inspection of the rotating element from 2P15A.





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

October 10, 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 September 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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