

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE March 5, 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: FEBRUARY 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	696	1,440	118,736
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	94,078.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	625.4
14. HOURS GENERATOR ON LINE	0.0	0.0	91,607.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	793.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	0	123,535,312
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	0	41,395,980
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0	0	39,358,984
19. UNIT SERVICE FACTOR	0.0	0.0	78.5
20. UNIT AVAILABILITY FACTOR	0.0	0.0	79.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	69.0
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	67.8
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: MARCH 19, 1984

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

8403140139 840229
PDR ADOCK 05000266
R PDR

DOCKET NO.	<u>50-266</u>
UNIT NAME	<u>Point Beach Unit 1</u>
DATE	<u>March 5, 1984</u>
COMPLETED BY	<u>C. W. Fay</u>
TELEPHONE	<u>414/277-2811</u>

AVERAGE DAILY UNIT POWER LEVEL

MONTH February, 1984

<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>-2</u>	11	<u>-2</u>	21	<u>-2</u>
2	<u>-2</u>	12	<u>-2</u>	22	<u>-2</u>
3	<u>-3</u>	13	<u>-2</u>	23	<u>-2</u>
4	<u>-2</u>	14	<u>-2</u>	24	<u>-2</u>
5	<u>-7</u>	15	<u>-2</u>	25	<u>-2</u>
6	<u>-7</u>	16	<u>-2</u>	26	<u>-2</u>
7	<u>-8</u>	17	<u>-2</u>	27	<u>-2</u>
8	<u>-11</u>	18	<u>-2</u>	28	<u>-2</u>
9	<u>-6</u>	19	<u>-2</u>	29	<u>-2</u>
10	<u>-2</u>	20	<u>-2</u>	30	<u></u>
				31	<u></u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984DOCKET NO. 50-266UNIT NAME Point Beach Unit 1DATE March 5, 1984COMPLETED 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
3	831001	S	696	C	1	N/A	ZZ	ZZZZZZ	Continuation of 26-week refueling and steam generator replacement outage.

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 March 5, 1984
Prepared By C. W. Fay
Telephone 414-277-2811

Unit 1 completed weeks 19 through 22 of the refueling and steam generator replacement outage. On February 5 the secondary side of both steam generators was hydrostatically tested satisfactorily. On February 7 and 8 preparations were being completed for the primary side hydrostatic test. The only significant problems of note were the chemistry problems that occurred while filling the steam generators and the reactor coolant system. Water in one steam generator contained a high level of chlorides while the reactor coolant system contained high levels of oxygen. The primary system problems were believed to have been caused by the initial passivation of the new metals in the steam generators. The correction of these chemistry problems caused the preparations for the primary side hydrostatic test to be extended 1-1/2 days. On February 8 the primary side hydrostatic test was completed satisfactorily. Leak tests were also completed satisfactorily on the safety injection system, residual heat removal system, and the containment spray system.

Inspection of the control rod drive guide tube split pins was completed during the period. Of the 74 pins inspected (100%), 67 of them had crack indications on the pin shanks. All the split pin leaves were accounted for. A visual inspection of the nuts on the split pins was conducted and three nuts, at locations G3, I5, and K7, were found missing and have not been located. Evaluations are being done by Westinghouse and Wisconsin Electric engineers to assure that Unit 1 can be safely operated. Planning is under way to replace the split pins at a future Unit 1 refueling outage.

On February 18 one bent and one broken control rod drive shaft guide tube flexure pin was removed from rod positions E9 and E11 for inspection in accordance with Westinghouse recommendations. Discussions with Westinghouse have concluded that the failure of the split pins and flexure pins is due to material and stresses induced during fabrication and installation.

Results of the PaR examination that occurred during the period showed four indications on the "A" hot leg nozzle and seven indications on the "B" hot leg nozzle. On the "A" hot leg nozzle one indication was in the root of the nozzle-to-shell weld and one indication was greater than Code limits. On the "B" hot leg nozzle one indication was greater than Code limits. Southwest Research Institute is performing a fracture mechanics analysis.

of these indications to determine the acceptability of these indications. All indications appear to be slag inclusions and are not service related. A review of the 1981 PaR data showed that all the aforementioned indications were present but were lower in apparent amplitude. Preparations are being made to pull the core barrel and inspect the vessel inlet nozzles.

At 1140 hours on February 8 an unscheduled radioactive gas release was noticed on the plant's radiation monitoring system. Investigation resulted in finding the waste holdup tank's local sample valve, CV-1108, to be open. The valve was shut at 1615 hours which terminated the release. The total activity released was less than 1% of the Technical Specification limit. Under the new red phone reporting requirements this event is considered not reportable.

Safety-related maintenance performed during this period included installation of fill tubes for the steam generator snubbers, testing of the main steam safety valves, testing of the volume control tank relief valve, gasket repairs on the non-regenerative heat exchanger, the installation of new undervoltage relays on buses 1A05 and 1A06, a pressurizer safety valve inspection, and repairs to the auxiliary feed first-off check valves.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE March 5, 1984

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: FEBRUARY 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	696	1,440	101,521
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1,440.0	89,868.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	199.3
14. HOURS GENERATOR ON LINE	696.0	1,440.0	88,342.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	182.7
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,052,908	2,162,660	123,057,437
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	355,470	729,650	41,689,480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	340,482	698,630	39,699,230
19. UNIT SERVICE FACTOR	100.0	100.0	87.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.9	100.0	79.5
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4	97.6	78.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.4
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>March 5, 1984</u>
COMPLETED BY	<u>C. W. Fay</u>
TELEPHONE	<u>414/277-2811</u>

AVERAGE DAILY UNIT POWER LEVEL

MONTH February, 1984

<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>491</u>	11	<u>490</u>	21	<u>490</u>
2	<u>493</u>	12	<u>490</u>	22	<u>491</u>
3	<u>491</u>	13	<u>490</u>	23	<u>490</u>
4	<u>486</u>	14	<u>491</u>	24	<u>490</u>
5	<u>493</u>	15	<u>490</u>	25	<u>490</u>
6	<u>487</u>	16	<u>490</u>	26	<u>474</u>
7	<u>491</u>	17	<u>490</u>	27	<u>486</u>
8	<u>489</u>	18	<u>490</u>	28	<u>489</u>
9	<u>489</u>	19	<u>490</u>	29	<u>489</u>
10	<u>489</u>	20	<u>490</u>	30	<u> </u>
				31	<u> </u>

REPORT MONTH February, 1984

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE March 5, 1984
COMPLETED BY C. W. Fay
TELEPHONE 414/277-2811

[illegible]

Reason:

- A- Equipment Failure (explain)

Method:

- 1- Manual
- 2- Manual Scram
- 3- Automatic Scram
- 4- Other (explain)

4 Exhibit G-Instruc-

- ations for Preparation of Data Entry Sheets for LER File (NUREG-0161)

5
6
7
8
9
10
11
12

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date March 5, 1984
Prepared By C. W. Fay
Telephone 414-277-2811

Unit 2 operated at approximately 489 MWe net throughout the period with no significant load reductions.

Primary-to-secondary leakage remains less than ten gallons per day.

On February 6 Unit 2 surpassed Unit 1 electrical production, over 41,395,980 kw.

At 1000 hours on February 23 Unit 2 entered a 72-hour limiting condition for operation due to the removal of snubber HS-M75 from the pressurizer safety valve discharge header. This snubber had been removed during the 1983 outage without a change to Technical Specification 15.3.13. On February 25 Maintenance personnel replaced the snubber and the limiting condition for operation was ended. This event is considered reportable to the NRC under the new Licensee Event Report rules. The Resident Inspector has been notified of this event.

There was no significant safety-related maintenance performed during this period.

SUPPLEMENT TO MONTHLY REPORT FOR February 1984

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: Shutdown
Unit 2: 9/28/84
- b) Scheduled Date for Restart: Unit 1: 3/19/84
Unit 2: 11/2/84
- c) License Amendment Required/Staff
10 CFR 50.59 Review Completed: Unit 1: Reviews complete
Unit 2: Yes, use of optimized
fuel assemblies/
- d) Scheduled Date for Submitting
Supporting Information: Unit 1: NA
Submitted
Unit 2: March 14 & Sept. 6, 1983
- e) Important Licensing Considerations: Unit 1: None
Unit 2: Optimized fuel assemblies
- f) Number of Fuel Assemblies in Storage Pool: 674*

g) Other:

*This number includes 85 fuel assemblies which will be reloaded into the Unit 1 Reactor Vessel in March following the completion of the Unit 1 steam generator replacement outage during which Unit 1 was defueled.



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

March 8, 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 February 1984.

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

IE 24
1/1