

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE July 8, 1985

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: JUNE 1985
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): 509.
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	720	4,343	128,423
12. NUMBER OF HOURS REACTOR WAS CRITICAL	294.0	2,563.0	103,061.6
13. REACTOR RESERVE SHUTDOWN HOURS	4.7	4.7	634.4
14. HOURS GENERATOR ON LINE	252.5	2,512.2	100,499.7
15. UNIT RESERVE SHUTDOWN HOURS	1.5	1.5	804.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	264,300	3,652,511	136,601,488
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	88,750	1,253,610	45,898,850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	81,460	1,196,052	43,662,200
19. UNIT SERVICE FACTOR	35.1	57.8	78.3
20. UNIT AVAILABILITY FACTOR	35.3	57.9	78.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	23.3	56.8	69.6
22. UNIT CAPACITY FACTOR (USING DER NET)	22.8	55.4	68.4
23. UNIT FORCED OUTAGE RATE	2.7	0.3	2.4
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

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DOCKET NO. 50-266

UNIT NAME Point Beach Unit 1

DATE July 8, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1985

<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>114</u>
2	<u>-2</u>	12	<u>-1</u>	22	<u>112</u>
3	<u>-2</u>	13	<u>-3</u>	23	<u>245</u>
4	<u>-2</u>	14	<u>-5</u>	24	<u>423</u>
5	<u>-2</u>	15	<u>-5</u>	25	<u>437</u>
6	<u>-2</u>	16	<u>-10</u>	26	<u>219</u>
7	<u>-1</u>	17	<u>-12</u>	27	<u>412</u>
8	<u>-2</u>	18	<u>-13</u>	28	<u>450</u>
9	<u>-2</u>	19	<u>8</u>	29	<u>498</u>
10	<u>-2</u>	20	<u>48</u>	30	<u>497</u>
				31	<u></u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1985DOCKET NO. 50-266UNIT NAME Point Beach Unit 1DATE July 8, 1985COMPLETED BY C. W. KrauseTELEPHONE 414/277-2001

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
1	850405	S	450.4	C	1	N/A	ZZ	ZZZZZZ	Continuation of refueling outage.
2	850620	S	10.2	B	1	N/A	ZZ	ZZZZZZ	Unit removed from service to complete turbine overspeed tests.
3	850626	F	7.1	A	3	85-003-00	EE	INVT	Unit tripped off line due to blown fuse in inverter 1DY03 and subsequent loss of instrument bus. Blown fuse caused by failed circuit board which was replaced.

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: July 8, 1985
Completed By: C. W. Krause
Telephone: 414/277-2001

During the period, the twelfth Unit 1 outage for refueling and maintenance was completed. On June 5, 1985, the control rods at positions J4 and F12 were removed for inspection after making unsatisfactory attempts to move them with the control rod drive mechanisms. On the following day, the two fuel assemblies were removed and inspected. On June 7, a flexure pin was removed from guide tube F12 and a broken insert tang was removed from one of the new flexureless inserts from guide tube J4. Both pieces resulted from the flexureless insert modification work. To resolve these concerns, all of the new inserts were removed for inspection and testing and three of them were replaced with spares. Also, the flexure pins that were removed were positively inventoried and all of them are accounted for. Additionally, the top of the core and all control rod guide tubes were inspected and no findings were noted. Due to damage noted during a visual inspection, the control rod drive shaft at core location F12 was replaced. On June 16, filling of the reactor coolant system was completed and cold rod drop tests were satisfactorily performed. On the following day, containment integrity was established and reactor coolant system heatup commenced. On June 18, hot rod drop tests were completed and the reactor was taken critical at 1505 hours for the first time in 12 weeks. The generator was placed on line on June 19 at 1823 hours.

On June 20, 1985, the unit was removed from service for turbine overspeed tests. The unit was placed back on line approximately 10 hours later and was held at approximately 150 MWe net for three days because of high steam generator feedwater conductivity. On June 23, power escalation began after the conductivity came down to within Steam Generator Owners Group Water Chemistry Guidelines. By 2000 hours on June 24, the unit reached 88% power where it was maintained for fuel conditioning.

On June 26, at 0723 hours, a circuit board failure caused a blown fuse in the 1DY03 inverter causing power to the white instrument bus to be lost. The unit experienced an immediate turbine runback to 70% power due to loss of power to NIS Channel 42 and then experienced a reactor trip on low steam generator level with a coincidental steam flow/feed flow mismatch due to loss of power to the steam generator level programmer coincident with loss of power to one of the "B" steam generator level channels. Alternate power was supplied to the white instrument bus via backup sources and the reactor was taken critical at 1027 hours. The generator was placed back on line

at 1429 hours and was back at 88% power on June 27. On June 28, the unit achieved full power operation. The NRC was notified of the event by a red phone call and a Licensee Event Report will be issued concerning this event.

Safety-related maintenance that was performed during the period included installation of the modification for control rod withdrawal on a turbine runback, changeout of various safeguards relays, and inspection of safeguards and reactor protection instrumentation racks. On June 21, it was determined that the spare blue hot leg RTD was connected to the protection system circuitry. The normal RTD was reconnected.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE July 8, 1985

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

OPERATING STATUS

- | | |
|---|-------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 | NOTES |
| 2. REPORTING PERIOD: JUNE 1985 | |
| 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): 509. | |
| 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	720	4,343	113,208
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,343.0	100,315.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	207.1
14. HOURS GENERATOR ON LINE	720.0	4,343.0	98,652.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	198.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,081,247	6,536,038	138,289,010
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	368,320	2,226,920	46,867,060
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351,871	2,130,116	44,641,521
19. UNIT SERVICE FACTOR	100.0	100.0	87.1
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.8	101.1	80.3
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	98.7	79.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.3

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Annual refueling outage scheduled to commence September 20, 1985.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT SHUTDOWN

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE July 8, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1985

<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>493</u>	11	<u>493</u>	21	<u>493</u>
2	<u>493</u>	12	<u>493</u>	22	<u>494</u>
3	<u>493</u>	13	<u>493</u>	23	<u>492</u>
4	<u>492</u>	14	<u>492</u>	24	<u>492</u>
5	<u>493</u>	15	<u>493</u>	25	<u>492</u>
6	<u>493</u>	16	<u>493</u>	26	<u>494</u>
7	<u>493</u>	17	<u>493</u>	27	<u>494</u>
8	<u>493</u>	18	<u>492</u>	28	<u>493</u>
9	<u>474</u>	19	<u>493</u>	29	<u>470</u>
10	<u>492</u>	20	<u>492</u>	30	<u>411</u>
				31	<u></u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1985

DOCKET NO. 5C-301
UNIT NAME Point Beach Unit 2
DATE July 8, 1985
COMPLETED BY C. W. Krause
TELEPHONE 414/277-2001

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-301
Unit Name: Point Beach Unit 2
Date: July 8, 1985
Completed By: C. W. Krause
Telephone: 414/277-2001

Unit 2 operated at approximately 493 MWe net throughout the period. On June 9, load was reduced to approximately 420 MWe for a turbine stop valve test. On June 23, 24 & 25, load was reduced to 490 MWe for two hours for load follow purposes. Load was reduced to approximately 380 MWe for 6 hours on June 29 and for 18 hours on June 30 for load follow purposes. Primary-to-secondary steam generator leakage remains stable at less than 10 gallons per day.

Safety-related maintenance performed during the period included adding oil to the Unit 2 "A" reactor coolant pump to clear an alarm of the reactor coolant pump oil sump level. No evidence of leakage was detected.



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

July 10, 1985

VPNPD-85-53
NRC-85-16

Director of Nuclear 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
June 1985.

Very truly yours,

Vice President-Nuclear Power

C. W. Fay

Attachments

Copies to J. G. Keppler - NRC, Region III
NRC Resident Inspector
R. S. Cullen - PSCW

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