

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE May 3, 1988

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

- 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 . NOTES .
- 2. REPORTING PERIOD: APRIL 1988 . .
- 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	719	2,903	153,263
12. NUMBER OF HOURS REACTOR WAS CRITICAL	195.4	2,379.4	125,147.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	193.4	2,377.4	122,422.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	270,238	3,580,507	169,207,561
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	91,980	1,224,730	57,048,100
18. NET ELECTRICAL ENERGY GENERATED (MWH)	86,164	1,172,729	54,326,248
19. UNIT SERVICE FACTOR	26.9	81.9	79.9
20. UNIT AVAILABILITY FACTOR	26.9	81.9	80.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	24.7	83.3	72.6
22. UNIT CAPACITY FACTOR (USING DER NET)	24.1	81.3	71.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, PERCENT, AND DURATION OF EACH): NONE			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: MAY 21, 1988

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

8805240011 880430
 PDR ADOCK 05000266
 DCD

Test

DOCKET NO. 50-266
 UNIT NAME Point Beach, Unit 1
 DATE May 3, 1988
 COMPLETED BY C. W. Krause
 TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH APRIL 1988

<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>485</u>	11	<u>-9</u>	21	<u>-2</u>
2	<u>483</u>	12	<u>-2</u>	22	<u>-2</u>
3	<u>441.6</u>	13	<u>-2</u>	23	<u>-2</u>
4	<u>477</u>	14	<u>-1</u>	24	<u>-2</u>
5	<u>464</u>	15	<u>-1</u>	25	<u>-2</u>
6	<u>460</u>	16	<u>-2</u>	26	<u>-2</u>
7	<u>395</u>	17	<u>-2</u>	27	<u>-2</u>
8	<u>427</u>	18	<u>-2</u>	28	<u>-2</u>
9	<u>-7</u>	19	<u>-2</u>	29	<u>-2</u>
10	<u>-14</u>	20	<u>-2</u>	30	<u>-2</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

50-265

UNIT NAME

Point Beach Unit 1

DATE

May 3, 1988

REPORT MONTH APRIL 1988

COMPLETED BY

C. W. Krause

TELEPHONE

414/221-2001

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 & Corrective Action To Prevent Recurrence
1	880409	S	525.6	C	1	N/A	ZZ	ZZZZZZ	Shutdown for annual refueling and maintenance.

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & Licensing Exam
F - Administrative
G - Operational Error (explain)
H - Other (explain)

³Method:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuation of Previous Shutdown
5 - Reduced Load
6 - Other (explain)

⁴Exhibit G-Instructions for preparation of data entry sheets LER file (NUREG-0161)

⁵Exhibit I-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266
Unit Name Point Beach Unit 1
Date May 3, 1988
Completed By C. W. Krause
Telephone 414/221-2001

On April 4, 1988, the unit surpassed 57 billion KW hours. At 7:00 p.m. on April 8th, a normal power reduction commenced as scheduled for the annual refueling and maintenance outage. The generator was taken off line at 2:22 a.m. on April 9th, and cold shutdown was reached at 5:46 p.m. on April 10th. Major outage related work includes the five year inspection of the main electrical generator, the changing of one phase of the main step up transformer, and minor modifications to the steam generators.

Safety related maintenance performed during the period includes replacement of environmentally qualified electrical splicing on solenoid operated valves, and inspection and maintenance of SI accumulator check valve SI-842A.

On April 15, 1988, during type "C" leak rate testing, the "A" reactor coolant pump component cooling water supply line check valve leak rate exceeded the containment leak rate allowed by Technical Specifications. As a result, LER 88-004 will be issued. On April 28, in preparation for rod latching, the containment purge supply and exhaust valves were tested as required by Technical Specifications. During the test it was discovered that the auto-close on high radiation signal was inoperable. It was determined that this signal was inoperable for approximately 24 hours. As a result, LER 88-005 will be issued.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE May 3, 1988

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

- | | |
|---|-------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 | NOTES |
| 2. REPORTING PERIOD: APRIL 1988 | |
| 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	719	2,903	138,048
12. NUMBER OF HOURS REACTOR WAS CRITICAL	699.6	2,883.6	121,278.0
13. REACTOR RESERVE SHUTDOWN HOURS	1.1	1.1	216.1
14. HOURS GENERATOR ON LINE	656.2	2,840.2	119,310.3
15. UNIT RESERVE SHUTDOWN HOURS	5.0	5.0	297.4
16. GROSS THERMAL ENERGY GENERATED (MWH)	949,345	4,255,742	168,826,337
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	323,700	1,457,430	57,237,650
18. NET ELECTRICAL ENERGY GENERATED (MWH)	307,901	1,393,482	54,529,225
19. UNIT SERVICE FACTOR	91.3	97.8	86.4
20. UNIT AVAILABILITY FACTOR	92.0	98.0	86.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	88.3	99.0	80.6
22. UNIT CAPACITY FACTOR (USING DER NET)	86.2	96.6	79.5
23. UNIT FORCED OUTAGE RATE	3.5	0.8	1.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Six-week refueling and maintenance outage scheduled to begin September 30, 1988.

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 May 3, 1988
 COMPLETED BY C. W. Krause
 TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH APRIL 1988

<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>498</u>	11	<u>19</u>	21	<u>496</u>
2	<u>497</u>	12	<u>406</u>	22	<u>496</u>
3	<u>457</u>	13	<u>495</u>	23	<u>496</u>
4	<u>498</u>	14	<u>495</u>	24	<u>496</u>
5	<u>499</u>	15	<u>496</u>	25	<u>497</u>
6	<u>498</u>	16	<u>496</u>	26	<u>495</u>
7	<u>177</u>	17	<u>497</u>	27	<u>496</u>
8	<u>88</u>	18	<u>496</u>	28	<u>496</u>
9	<u>254</u>	19	<u>496</u>	29	<u>496</u>
10	<u>-9</u>	20	<u>496</u>	30	<u>497</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

50-301

UNIT NAME

Point Beach Unit 2

DATE

May 3, 1988

REPORT MONTH APRIL 1988

COMPLETED BY

C. W. Krause

TELEPHONE

414/221-2001

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 & Corrective Action To Prevent Recurrence
1	880407	F	23.6	A	3	LER 88-001	ED	INSTRU	While shifting instrument power suppls, two inverters temporarily operated in parallel due to inadequate mechanical linkage. Immediate corrective action included the posting of an operator aid.
2	880410	S	39.2	B	5	N/A	CH	VALVEX	Separation between the valve stem and disk occurred on a main feed pump discharge valve. The unit was taken off line while repairs were made.

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & Licensing Exam
F - Administrative
G - Operational Error (explain)
H - Other (explain)

³Method:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuation of Previous Shutdown
5 - Reduced Load
6 - Other (explain)

⁴Exhibit G-Instructions for preparation of data entry sheets LER file (NUREG-0161)

⁵Exhibit I-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date May 3, 1988
Completed By C. W. Krause
Telephone 414/221-2001

Unit 2 operated at approximately 496 MWe net through most of the period. At 9:04 a.m. on April 7, 1988, a reactor trip occurred. The trip occurred while shifting instrument power supplies when two inverters temporarily operated in parallel due to inadequate mechanical linkage. As a result, LER 88-001 will be issued. Unit 2 was brought back to criticality by 8:29 a.m. on April 8. Unit 2 generator was brought on line at 8:43 a.m. During return to power, separation between the valve stem and disk was discovered on main feed pump discharge valve 2MOV-2189. Power was then held at 54% of full power for approximately 24 hours while this condition was investigated, during which time Unit 2 generation surpassed 57 billion kW hours. At 9:36 p.m. on April 9, Unit 2 load reduction commenced to facilitate repairs to 2MOV-2189. At 1:52 a.m. on April 10, Unit 2 was taken off line for approximately 39 hours while 2MOV-2189 was repaired. Unit 2 was back at full load by 8:16 a.m. on April 12.



231 W. Michigan, P.O. Box 2046, Milwaukee, WI 53201

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VPNPD-88-258
NRC-88-043

May 10, 1988

U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Washington, D. C. 20555

Gentlemen:

DOCKETS 50-266 AND 50-301
MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached are monthly operating reports for Units 1 and 2, Point Beach Nuclear Plant, for the calendar month of April 1988.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'C. W. Fay'.

C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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