OPERATING DATA REPORT

DOCKET NO. 50-266

DATE September 7, 1988

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: AUGUST 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.

NOTES

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	5,855	156,215
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,918.7	127,686.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	744.0	4,858.8	124,903.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.6	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,126,721	7,285,045	172,912,099
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	385,140	2,489,210	58,312,580
18. NET ELECTRICAL ENERGY GENERATED (MWH)	368,634	2,380,149	55,533,668
19. UNIT SERVICE FACTOR	100.0	83.0	80.0
20. UNIT AVAILABILITY FACTOR	100.0	83.0	80.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.2	83.8	72.9
22. UNIT CAPACITY FACTOR (USING DER NET)	99.7	81.8	71.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.0

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. 50-266

UNIT NAME Point Beach, Unit 1

DATE September 7, 1988

COMPLETED BY C. W. Krause

TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH AUGUST 1988

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	497	11	499	21	484
2	497	12	499	22	488
3	499	13	500	23	489
4	499	14	481	24	491
5	499	15	498	25	490
6	501	16	499	26	491
7	500	17	499	27	497
8	500	18	498	28	494
9	500	19	495	29	492
10	499	20	493	30	497
				31	497

EQR-28a
(04-86)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST 1988

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE September 7, 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]F: Forced
S: Scheduled

[2]Reason:
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)

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

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

[5]Exhibit I-Same Source

EQR-28B
(06-86)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-266
Unit Name	Point Beach Unit 1
Date	September 7, 1988
Completed By	C. W. Krause
Telephone	414/221-2001

Unit 1 operated at full power capacity of 495 MWe net throughout the period with no significant load reductions. The unit surpassed 58 billion kW-hrs on August 6, 1988.

On August 24, 1988, the pressurizer liquid space - containment isolation valve 1-953 was discovered in mid-position. The first occurrence of this valve problem was witnessed on July 12, 1988. Once again, inspections of the valve and the operator failed to identify the cause of problem. The valve was extensively cycle tested. After testing, the valve experienced leakage, not evident previous to the tests. Valve 1-953 was manually isolated and further investigations are being conducted. A supplement to LER 88-006 is being drafted to document the circumstances of this event.

During a review of the control board design, a deficiency in the safety injection system circuitry was identified. Both trains of safety injection signals are wired through a single "safety injection block" switch. The failure of this switch could potentially cause the loss of both safeguards trains. Problems with the switch have not been experienced. A modification to add a second switch and separate the two trains is underway. The circumstances regarding this evaluation are to be documented in LER 88-007.

During a review of the Final Safety Analysis Report, Steam Line Rupture Accident, an unanalyzed condition was identified. If an in-containment steam line break occurs with a coincidental failure of one train of feedwater isolation, feedwater would be added to the steam generators via the condensate or heater drain tank pumps. This feedwater addition would cause an increase in containment pressure, above that analyzed in the FSAR. Further evaluations are being conducted and the results will be documented in LER 88-008.

On August 31, 1988, following its scheduled surveillance test, the G01 emergency diesel experienced a failure to shutdown during the normal cooldown. Troubleshooting and further tests could neither identify a failed component nor duplicate the abnormal condition. Investigations are ongoing and Licensee Event Report 88-009 or a letter will be submitted to document the circumstances of the event.

Other safety-related maintenance included the ten-year overhaul of service water pump P32F; the replacement of safety injection flow transmitters FT-924 and FT-925, due to post-operation zero shifts; and the seal replacement on spent fuel recirculating pump P12A. The blowdown evaporator reboiler tube bundle replacement modification is 98% complete.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE September 7, 1988

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: AUGUST 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

NOTES

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744	5,855	141,000
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,835.6	124,230.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.1	216.1
14. HOURS GENERATOR ON LINE	744.0	5,792.2	122,262.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	5.0	297.4
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,129,392	8,729,665	173,300,260
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	386,780	2,985,650	58,765,870
18. NET ELECTRICAL ENERGY GENERATED (MWH)	369,654	2,853,809	55,989,552
19. UNIT SERVICE FACTOR	100.0	98.9	86.7
20. UNIT AVAILABILITY FACTOR	100.0	99.0	86.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.4	100.5	81.1
22. UNIT CAPACITY FACTOR (USING DER NET)	100.0	98.1	79.9
23. UNIT FORCED OUTAGE RATE	0.0	0.4	1.2

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    Seven-week refueling and maintenance outage scheduled to begin October 8, 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 September 7, 1988

COMPLETED BY C. W. Krause

TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH AUGUST 1988

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	500	11	498	21	490
2	500	12	498	22	485
3	501	13	500	23	489
4	500	14	500	24	490
5	500	15	498	25	490
6	500	16	499	26	491
7	500	17	499	27	496
8	500	18	498	28	498
9	499	19	495	29	498
10	499	20	497	30	497
				31	497

EQR-28a
(04-86)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST 1988

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE September 7, 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]F: Forced
S: Scheduled

[2]Reason:
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)

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

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

[5]Exhibit I-Same Source

EQR-28B
(06-85)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-301
Unit Name	Point Beach Unit 2
Date	September 7, 1988
Completed By	C. W. Krause
Telephone	414/221-2001

Unit 2 operated at full power capacity of approximately 497 MWe net throughout the period with no significant load reductions.

Safety-related maintenance included the replacement of nuclear instrument power range channel 41 high voltage power supply and the replacement of safety injection flow transmitters FT-924 and FT-925 due to post-operation zero shifts.

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

(414) 221-2345

VPNPD-88-453
NRC-88-083

September 8, 1988

U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Mail Station P1-137
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 August 1988.

Very truly yours,

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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