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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE June 6, 1983

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

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

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): 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	744	3,623	110,159
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,574.6	91,146.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	1.4	625.4
14. HOURS GENERATOR ON LINE	744.0	3,567.9	88,676.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	793.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	869,323	4,157,849	120,106,838
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	290,650	1,387,130	40,262,920
18. NET ELECTRICAL ENERGY GENERATED (MWH)	274,967	1,314,039	38,295,757
19. UNIT SERVICE FACTOR	100.0	98.5	80.5
20. UNIT AVAILABILITY FACTOR	100.0	98.5	81.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	74.7	73.3	71.1
22. UNIT CAPACITY FACTOR (USING DER NET)	74.4	73.0	69.9
23. UNIT FORCED OUTAGE RATE	0.0	0.1	2.7

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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 September 30, 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. 50-266

UNIT NAME Point Beach Unit 1

DATE June 6, 1983

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH May, 1983

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	371	11	370	21	373
2	372	12	371	22	373
3	373	13	371	23	372
4	371	14	373	24	371
5	371	15	369	25	372
6	362	16	371	26	373
7	310	17	373	27	373
8	371	18	372	28	372
9	372	19	373	29	373
10	372	20	373	30	372
				31	372

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1983

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE June 6, 1983
COMPLETED BY C. W. Fay
TELEPHONE 414/277-2811

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

AD-28B
(01-78)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-266
Unit Name	Point Beach Unit 1
Date	June 6, 1983
Completed By	C. W. Fay
Phone	414-277-2811

Unit 1 operated at approximately 371 MWe net throughout the period with no major load reductions. The primary-to-secondary leakage remains stable at less than ten gallons per day.

On May 16 at approximately 1405 hours, contractor personnel accidentally spilled ten gallons of water, slightly contaminated from the rinsing of respirators. The spill was isolated on a 15 ft. by 15 ft. area outside the Unit 1 facade, and cleaned up. The NRC was notified via red phone.

On May 21 at 2336 hours, Unit 1 boric acid line to the blender became blocked restricting boric acid flow to the volume control tank. The heat trace circuits were adjusted higher and the flow path was restored to operability at 0425 hours on May 22. The circuits were returned to normal and have been operating with no problems since.

On May 23 at 1000 hours, the 3D emergency diesel generator experienced a fast start pickup of bus 2A05 when personnel opened the door to 2A05 potential transformer inside the switchgear panel which resulted in an open circuit. This event required reporting to the NRC via red phone.

On May 26 at approximately 1130 hours, Unit 1 "A" reactor coolant pump was experiencing oscillating leakage rates past the No. 2 seal. The leakage returned to normal by 1316 hours and is currently being closely monitored.

Other safety-related maintenance completed during the period included the changeout of reactor trip relay 1RT-6B and repairs to a packing leak on the "A" steam generator steam line vent valve.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE June 6, 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: MAY 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	744	3,623	94,944
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	2,003.6	84,061.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	196.8
14. HOURS GENERATOR ON LINE	0.0	1,992.9	82,648.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	181.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	3,007,255	114,522,849
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	1,009,260	38,810,660
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0	962,348	36,951,315
19. UNIT SERVICE FACTOR	0.0	55.0	87.0
20. UNIT AVAILABILITY FACTOR	0.0	55.0	87.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	53.7	79.2
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	53.4	78.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	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: JULY 1, 1983

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 June 6, 1983

COMPLETED BY C. W. Fay

TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH May, 1983

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	-2	11	-2	21	-2
2	-2	12	-2	22	-2
3	-2	13	-2	23	-2
4	-2	14	-2	24	-2
5	-2	15	-2	25	-2
6	-2	16	-2	26	-2
7	-2	17	-2	27	-2
8	-2	18	-2	28	-2
9	-2	19	-3	29	-2
10	-2	20	-2	30	-2
				31	-2

AD-28A
(1-77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1983

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE June 6, 1983
COMPLETED BY C. W. Fay
TELEPHONE 414-277-2811

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	830325	S	744	C	1	N/A	ZZ	ZZZZZZ	Completed week 10 of the continuing 14-week refueling and steam generator sleeving 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

AD-28B
(01-78)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.	50-301
Unit Name	Point Beach Unit 2
Date	June 6, 1983
Completed By	C. W. Fay
Phone	414-277-2811

Unit 2 was shut down during the entire report period as it completed the tenth week of the scheduled 14-week refueling and steam generator sleeving outage. Outage-related work included the installation of replacement tube bundles for "A", "B", "C", and "D" moisture-separator-reheaters, the installation of replacement feedwater heaters 4A and 4B, the turbine overhaul, the installation of pressurizer relief valve header supports, refueling calibrations, the changeout and testing of NBFD reactor protection system relays, repairs to various diaphragm valves in the chemical and volume control system, cleaning of the incore thimbles, cleaning of the existing Nos. 5A and 5B feedwater heaters, and the changeout of radiation monitors 2R11/R12.

Inspection of optimized fuel assembly ZD3 has identified at least nine rodlets with through-clad defects. These defects are all at the first (lowest) grid elevation. At other locations, not necessarily at grid elevations, through-wall penetrations and zircaloy hydriding were noted. This damage appeared to have been initiated from the inside of the rod. It is believed that these through-wall penetrations were the result of secondary zircaloy hydriding caused by the inleakage of reactor coolant via the fretting induced penetrations at the first grid elevation.

ZD3 is one of our optimized fuel assemblies in Unit 2 for testing purposes. The other three assemblies, as well as the 69 reload standard assemblies, have been wet and dry sipped for possible leakage. No other assemblies had indications of leakage. In addition to sipping, the other three optimized fuel assemblies were visually inspected with no anomalies noted. Additionally, a sampling of rods were measured for breakaway forces and visually inspected to add further assurance of no similar degradation of the clad. No abnormal readings were recorded. A 24-hour notice has been filed with the NRC.

The sleeving work scheduled during this outage has been completed in "B" steam generator and is approximately 59% complete in "A" steam generator.

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

June 13, 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 May 1983.

Very truly yours,

C W Fay

Vice President-Nuclear Power

C. W. Fay

Attachments

Copies to J. G. Keppler - NRC, Region III
NRC Resident Inspector
C. F. Riederer - PSCW

IE24
1/1