

OPERATING DATA REPORT

BUCKET NO. 50-266

DATE 07-07-81

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

- | | | | |
|--|---------------------------|------------|-------------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 | NOTES | | |
| 2. REPORTING PERIOD: JUNE 1981 | | | |
| 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): 390.0 | | | |
| 10. REASONS FOR RESTRICTIONS, (IF ANY): Power restriction is the result of a self-imposed reduction in core average temperature in an attempt to inhibit corrosion of steam generator tubes within the tubesheet crevice. | | | |
| | THIS MONTH | YR TO DATE | CUMULATIVE |
| 11. HOURS IN REPORTING PERIOD | 720 | 4,343 | 93,359 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 718.4 | 4,338.4 | 77,773.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.3 | 0.6 | 606.3 |
| 14. HOURS GENERATOR ON LINE | 717.0 | 4,331.0 | 75,467.9 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 764.3 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 868,336 | 5,222,355 | 104,060,799 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 281,870 | 1,694,020 | 34,953,740 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 266,683 | 1,605,954 | 33,273,240 |
| 19. UNIT SERVICE FACTOR | 99.6 | 99.7 | 80.8 |
| 20. UNIT AVAILABILITY FACTOR | 99.6 | 99.7 | 81.7 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 74.8 | 74.7 | 73.1 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 74.5 | 74.4 | 71.7 |
| 23. UNIT FORCED OUTAGE RATE | 0.4 | 0.3 | 3.1 |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Steam generator eddy current inspection July 4, 1981, expected to last two weeks. Refueling outage October 9, 1981, expected to last approximately eight weeks. | | | |
| 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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PDR

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1981DOCKET NO. 50-266UNIT NAME Point Beach Unit 1DATE July 7, 1981COMPLETED BY C. W. FayTELEPHONE 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
2	810626	F	3.0	B	3	81-007/01T-0	EC	INSTRU	Reactor trip due to loss of red instrument bus. See narrative summary for details.

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

DOCKET NO. 50-266
 UNIT NAME Point Beach Unit 1
 DATE July 7, 1981
 COMPLETED BY C. W. Fay
 TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	374	11	373	21	373
2	374	12	374	22	372
3	374	13	373	23	372
4	373	14	364	24	372
5	369	15	372	25	373
6	371	16	373	26	303
7	374	17	373	27	372
8	374	18	373	28	374
9	375	19	372	29	374
10	374	20	372	30	374
				31	---

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266
Unit Name Point Beach Unit 1
Date July 7, 1981
Completed By C. W. Fay
Telephone 414/277-281

Unit 1 operated at 375 MWe net throughout the period with one load reduction and one unit trip. The load was reduced to 290 MWe on June 14, 1981, from 0102 hours to 0440 hours to accomplish turbine stop valve testing. At 1316 hours on June 26, 1981, the unit tripped due to loss of control power caused by a contractor employee who was installing modifications in the cable spreading room. He accidentally tripped the output breaker for the red instrument bus power supply while working on top of the panel containing the inverter. The unit was returned to service at 1615 hours and to full power at 1948 hours. This event is reported in Licensee Event Report No. 81-007/01T-0 due to a loss of redundancy on containment spray actuation.

During performance of a monthly periodic verification of locked valve positions, valve 1-831A was discovered shut and locked instead of the required open and locked. This valve provides suction for the sodium hydroxide injection into containment spray which provides both sump water conditioning and free iodine mitigation. Upon discovery, the valve was placed in the correct position. The necessary 24-hour notification to the NRC was made on June 22, 1981, with a full description of the event in Licensee Event Report No. 81-006/01T-0. The event was also reported on the Emergency Notification System.

Safety-related maintenance during this period included the annual overhaul of the 3D emergency Diesel generator. On June 5, 1981, a minor increase in leakage into containment was noted as being caused by a small body-to-bonnet leak on the loop "B" pressurizer spray valve. The leak was temporarily repaired on June 9, 1981, through the use of Furmanite. On June 9, 1981, during the performance of a reactor protection safeguards test, a reactor trip relay, RT-6A, the overpower ΔT , overtemperature ΔT , and safety injection reactor trips, was found in the tripped (conservative) mode. The relay was replaced and retested satisfactorily.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE 7-8-81

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JUNE 1981
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	720	4,343	78,144
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3,445.9	69,995.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	186.3
14. HOURS GENERATOR ON LINE	719.0	3,422.2	68,720.7
15. UNIT RESERVE SHUTDOWN HOURS	1.0	7.3	131.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,047,500	5,030,262	93,820,008
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	360,950	1,706,910	31,830,760
18. NET ELECTRICAL ENERGY GENERATED (MWH)	344,673	1,627,610	30,291,031
19. UNIT SERVICE FACTOR	99.9	78.8	87.9
20. UNIT AVAILABILITY FACTOR	100.0	79.0	88.1
21. UNIT CAPACITY FACTOR (USING MDC NET)	96.7	75.7	79.0
22. UNIT CAPACITY FACTOR (USING DER NET)	96.3	75.4	78.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.8
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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE July 8, 1981

REPORT MONTH June, 1981

COMPLETED BY C. W. Fay

TELEPHONE 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 ⁵	Cause and Corrective Action To Prevent Recurrence
2	810601	S	1.0	E	1	N/A	ZZ	ZZZZZZ	The unit was shut down for license exam startups. Unit 2 was taken critical at 2254 hours on May 31, 1981, and placed on line at 0102 hours on June 1, 1981.

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)

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⁵ Exhibit I- Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE July 7, 1981
COMPLETED BY C. W. Fay
TELEPHONE 414/277-2811

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1981

<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>407</u>	11	<u>487</u>	21	<u>432</u>
2	<u>496</u>	12	<u>493</u>	22	<u>438</u>
3	<u>495</u>	13	<u>490</u>	23	<u>452</u>
4	<u>496</u>	14	<u>494</u>	24	<u>475</u>
5	<u>494</u>	15	<u>494</u>	25	<u>489</u>
6	<u>495</u>	16	<u>495</u>	26	<u>497</u>
7	<u>444</u>	17	<u>488</u>	27	<u>472</u>
8	<u>496</u>	18	<u>492</u>	28	<u>436</u>
9	<u>495</u>	19	<u>477</u>	29	<u>493</u>
10	<u>494</u>	20	<u>462</u>	30	<u>494</u>
				31	<u>---</u>

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date July 7, 1981
Completed By C. W. Fay
Telephone 414/277-2811

Unit 2 was placed on line at 0102 hours on June 1, 1981, following a shutdown for license exam startups. Unit 2 operated at 490 MWe net throughout the period with 17 load reductions. Sixteen (16) of these load reductions to an average of 374 MWe for an average duration of 4.1 hours each were at the direction of Power Supply for load following purposes. On June 6, 1981, at 2300 hours a load reduction to 293 MWe net was initiated to accommodate Technical Specification valve testing. On June 7, 1981, at 0804 hours, load was returned to 490 MWe net.

The auxiliary feed system capability was below minimum Technical Specification requirements for about three minutes on the morning of June 25, 1981. A contractor employee while conducting a block wall penetration modification tripped the overspeed trip lever for the Unit 2 turbine powered auxiliary feed pump. He immediately informed maintenance personnel in the area, and the valve was quickly reset. This event is reported in Licensee Event Report No. 81-005/03L-0.

On June 16, 1981, the unit turbine-driven auxiliary feed pump overspeed trip valve tripped for undetermined reasons while backfitting contractors were working in the area. The pump and valve were tested and returned to service with no problems noted. This event was evaluated as not being reportable due to the redundancy built into the system.