OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 03/01/94

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414) 755-6193

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 . NOTES
2. REPORTING PERIOD: February - 1994 .
3. LICENSED THERMAL POWER (MWT): 1518.5 .
4. NAMEPLATE RATING (GROSS MWE): 523.8 .
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0 .
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0 .
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0 .
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
   NA
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):
    NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672.0	1,416.0	204,384.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	170,134.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	667.4	1,411.4	167,051.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	982,233	2,110,584	235,592,354
17. GROSS ELECTRICAL ENERGY GENERATED	332,400	714,830	79,568,960
18. NET ELECTRICAL ENERGY GENERATED (MWH)	318,383	685,229	75,840,819
19. UNIT SERVICE FACTOR	99.3%	99.7%	81.7%
20. UNIT AVAILABILITY FACTOR	99.3%	99.7%	82.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.7%	99.8%	76.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	95.3%	97.4%	74.7%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.6%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    Refueling Outage, 04/02/94, 30
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:
    NA

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

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POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 1994

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE March 1, 1994

COMPLETED BY R. F. Arnold

TELEPHONE 414/755-6193

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	493	11	492	21	494
2	494	12	493	22	493
3	492	13	490	23	494
4	494	14	496	24	493
5	490	15	495	25	493
6	128	16	493	26	494
7	329	17	494	27	492
8	486	18	499	28	495
9	481	19	489		
10	493	20	495		

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1994

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date March 1, 1994
Completed By R. F. Arnold
Telephone No. 414/755-6193

No.	Date	Type[1]	Duration	Reason[2]	Method of Shutting Down	Licensee Event	System	Component	Cause and Corrective Action
1	2/6/94	S	4.6	H	6	NA	CJ	VALVEF	The unit was reduced to 2% power to facilitate identification of a primary system leak. Although the leak rate did not require shutdown per Technical Specifications, the power reduction was made to adress ALARA concerns about dose rates in the primary loops. Two 2" globe valves were found approximately 1/4 turn open. The valves are on a drain line to the reactor coolant drain tank off of the excess letdown line on the "A" loop. The valves were shut, which terminated the leak. The unit was then returned to 100% power. Investigation is in progress to determine how the valves became partially open.

[1]F: Forced
S: Scheduled

[2]Reason:
A - Equipment Failure (explain)
B - Maintenance or Testing
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

PBF-0028b
(03-90)

DOCKET NO.	50-266
UNIT NAME	Point Beach Unit 1
DATE	March 1, 1994
COMPLETED BY	R. F. Arnold
TELEPHONE	414/755-6193

Unit 1 operated at an average of 474 MWe net for the report period and experienced one significant load reduction. The load reduction facilitated the identification and subsequent isolation of a primary system leak.

An Unusual Event was declared as a result of having both emergency diesel generators declared out of service. A Notice Of Enforcement Discretion was granted to suspend a dual u 't shutdown as required by Technical Specifications while one of the emergency diesel generators was repaired and returned to service. LER 266/301 94-002-00 is being submitted to describe this event.

Safety-related maintenance included:

1. Completed the annual maintenance overhaul of both G01 and G02 emergency diesel generators.

2. Repaired the pump to motor shaft coupling on the G01 emergency diesel generator DC fuel oil pump.

3. A jumper wire for the brush rigging assembly for the DC excitor for the G01 emergency diesel generator was replaced. The jumper wire lugs were replaced during the annual maintenance overhaul and problems associated with cable re-installation resulted in voltage fluctuations during load testing.

4. Replaced the 4.16 KV safeguards buses A05 and A06 degraded voltage relays with relays that have better accuracy and improved reset characteristics. The Agastat time delay relays for the associated degraded voltage relays were adjusted to minimum time as an interim measure in order to improve safet margin while addressing analytical questions associated with the relays.

5. Installed a 4-rotor limit switch and thermal overload on the emergency diesel generator day tank inlet second-off motor operated isolation valve operator.

6. Replaced 26 480 VAC molded case circuit breakers as part of the breaker upgrade program.

7. Replaced and calibrated the bistable for steam generator 1B loop low-low/high level controller.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 03/01/94

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414) 755-6193

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2 . NOTES
2. REPORTING PERIOD: February - 1994 .
3. LICENSED THERMAL POWER (MWT): 1518.5 .
4. NAMEPLATE RATING (GROSS MWE): 523.8 .
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0 .
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0 .
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0 .
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
   NA
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):
    NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672.0	1,416.0	189,169.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	165,616.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	672.0	1,416.0	163,282.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	992,516	2,106,235	234,477,419
17. GROSS ELECTRICAL ENERGY GENERATED	340,260	721,600	79,745,860
18. NET ELECTRICAL ENERGY GENERATED (MWH)	325,847	691,165	76,021,805
19. UNIT SERVICE FACTOR	100.0%	100.0%	86.3%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	86.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.0%	100.6%	82.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	97.6%	98.2%	80.9%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.0%

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:
    NA

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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 1994

DOCKET NO. 50-301

UNIT NAME Point Beach, Unit 2

DATE March 1, 1994

COMPLETED BY R. F. Arnold

TELEPHONE 414/755-6193

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	492	11	491	21	492
2	493	12	493	22	493
3	494	13	470	23	491
4	493	14	493	24	493
5	492	15	492	25	492
6	491	16	494	26	489
7	492	17	493	27	327
8	488	18	500	28	488
9	481	19	487		
10	492	20	495		

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1994

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date March 1, 1994
Completed By R. F. Arnold
Telephone No. 414/755-6193

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	2/27/94	S	0	B	5	NA	CH	PUMPB	Power was reduced to 52% to facilitate the repair of a main feedwater pump. The outboard motor bearing seal was replaced because of oil leakage. The oil was leaking on the inner seal and blowing oil into the motor windings. The seal was replaced and the unit was returned to 100% power.

[1]F: Forced
S: Scheduled

[2]Reason:
A - Equipment Failure (explain)
B - Maintenance or Testing
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

PBF-0028b
(03-90)

DOCKET NO.	50-301
UNIT NAME	Point Beach Unit 2
DATE	March 1, 1994
COMPLETED BY	R. F. Arnold
TELEPHONE	414/755-6193

Unit 2 operated at an average of 485 MWe net for the report period with one significant load reduction. The load reduction facilitated the repair of a main feedwater pump motor bearing seal.

Safety-related maintenance included:

1. Replaced the 4.16 KV safeguards buses A05 and A06 degraded voltage relays with relays that have better accuracy and improved reset characteristics. The Agastat time delay relays for the associated degraded voltage relays were adjusted to minimum time as an interim measure in order to improve safety margin while addressing analytical questions associated with the relays.

2. The inner seal of the outboard motor bearing on the "B" main feedwater pump was replaced. The seal was leaking and was blowing oil into the motor windings.

3. Replaced two 480 VAC molded case circuit breakers as part of the breaker upgrade program.

4. Replaced the packing, brass and one new plunger on P-002A charging pump.