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NRC-93-049

April 7, 1993

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U.S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 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 of the
Point Beach Nuclear Plant for the calendar month of March 1993.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Bob Link'.

Bob Link
Vice President
Nuclear Power

MFB/jg

cc: L. L. Smith, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

9304120157 930331
PDR ADOCK 05000226
R PDR

A handwritten signature in the bottom right corner, possibly reading 'JED' followed by a vertical line.

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 04/01/93

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414) 755-6193

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 . NOTES .
2. REPORTING PERIOD: March - 1993 .
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):

0.0

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	2,160.0	196,368.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	630.0	2,046.0	162,929.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	628.9	2,044.9	159,884.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	945,978	3,093,553	224,830,526
17. GROSS ELECTRICAL ENERGY GENERATED	320,370	1,046,540	75,922,940
18. NET ELECTRICAL ENERGY GENERATED (MWH)	306,229	1,002,565	72,354,728
19. UNIT SERVICE FACTOR	84.5%	94.7%	81.4%
20. UNIT AVAILABILITY FACTOR	84.5%	94.7%	81.9%
21. UNIT CAPACITY FACTOR (USING MDC NET)	84.9%	95.7%	75.6%
22. UNIT CAPACITY FACTOR (USING DER NET)	82.8%	93.4%	74.1%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.6%
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: 05/08/93			

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

POINT BEACH NUCLEAR PLANT

DOCKET NO. 50-266AVERAGE DAILY UNIT POWER LEVELUNIT NAME Point Beach, Unit 1MONTH MARCH - 1993DATE April 1, 1993COMPLETED BY R. F. ArnoldTELEPHONE 414/755-6193

DAY	AVERAGE DAILY POWER LEVEL MWc NET
1	493
2	492
3	492
4	491
5	492
6	493
7	495
8	489
9	482
10	479

DAY	AVERAGE DAILY POWER LEVEL MWc NET
11	493
12	493
13	494
14	494
15	494
16	495
17	493
18	494
19	495
20	493

DAY	AVERAGE DAILY POWER LEVEL MWc NET
21	494
22	494
23	494
24	494
25	493
26	471
27	9
28	-10
29	-9
30	-5
31	-3

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH - 1993

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date April 1, 1993
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	3/27/93	S	115.1	C	1	NA	NA	NA	NA

¹F: Forced
S: Scheduled

²Reason:
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)

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

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE April 1, 1993
COMPLETED BY R. F. Arnold
TELEPHONE 414/755-6193

Unit 1 operated at approximately 411 MWe net during the report period. The unit was shutdown for refueling outage on 3/27/93.

Licensee Event Report 266/301 93-002-00, Inoperability of Both Emergency Diesel Generators, was submitted.

Supplement 3 to Licensee Event Report 266/301 92-004-00, Improper Sequencing of Emergency Safety Features, was submitted.

Safety-related maintenance included:

1. Replaced G01 emergency diesel generator fuel oil transfer pump motor to pump coupling.
2. Replaced lubricating oil pump on G01 emergency diesel generator.
3. Increased torque switch settings for service water crossconnect valve operator.
4. Replaced screws for pantograph link mounting hardware on 480V safeguards load center.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 04/01/93

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414)755-6193

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2 NOTES
2. REPORTING PERIOD: March - 1993
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	744.0	2,160.0	181,153.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	731.7	2,147.7	158,423.6
13. REACTOR RESERVE SHUTDOWN HOURS	4.0	4.0	233.9
14. HOURS GENERATOR ON LINE	723.3	2,139.3	156,121.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,065,780	3,186,072	223,832,333
17. GROSS ELECTRICAL ENERGY GENERATED	364,970	1,093,230	76,093,350
18. NET ELECTRICAL ENERGY GENERATED (MWH)	349,200	1,047,099	72,533,506
19. UNIT SERVICE FACTOR	97.2%	99.0%	86.2%
20. UNIT AVAILABILITY FACTOR	97.2%	99.0%	86.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	96.8%	100.0%	81.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	94.4%	97.5%	80.6%
23. UNIT FORCED OUTAGE RATE	2.8%	1.0%	1.0%
24. SHUTDOWNS SCHEDULED OVER NEXST 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage, 09/25/93, 50 Days			
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 MARCH - 1993

DOCKET NO. 50-301
 UNIT NAME Point Beach, Unit 2
 DATE April 1, 1993
 COMPLETED BY R. F. Arnold
 TELEPHONE 414/755-6193

<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>5</u>	11	<u>492</u>	21	<u>496</u>
2	<u>6</u>	12	<u>494</u>	22	<u>496</u>
3	<u>495</u>	13	<u>496</u>	23	<u>496</u>
4	<u>494</u>	14	<u>496</u>	24	<u>497</u>
5	<u>495</u>	15	<u>496</u>	25	<u>495</u>
6	<u>495</u>	16	<u>496</u>	26	<u>496</u>
7	<u>498</u>	17	<u>495</u>	27	<u>494</u>
8	<u>497</u>	18	<u>495</u>	28	<u>26</u>
9	<u>481</u>	19	<u>497</u>	29	<u>180</u>
10	<u>490</u>	20	<u>495</u>	30	<u>492</u>
				31	<u>494</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH - 1993

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date April 1, 1993
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	3/28/93	F	20.7	G	3	301/93-002-00	HA	TURBIN	Operator error while performing surveillance test of the turbine trip mechanism. Investigation with respect to root cause in progress.

¹F: Forced
S: Scheduled

²Reason:
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)

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

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE April 1, 1993
COMPLETED BY R. F. Arnold
TELEPHONE 414/755-6193

Unit 2 operated at approximately 492 Mwe net throughout the report period.

Unit 2 experienced one automatic scram as a result of operator error while performing surveillance testing of turbine trip mechanisms. A root cause evaluation is in progress. LER 301/93-002-00 will be submitted.

Safety-related maintenance included:

1. Replaced mechanical seal on component cooling water pump.
2. Replaced screws for pantograph link mounting hardware on 480V safeguards load center.