



Point Beach Nuclear Plant
6610 Nuclear Rd., Two Rivers, WI 54241

(414) 755-2321

PBL 97-0041

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Document Control Desk
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 January 1997.

Sincerely,

A handwritten signature in dark ink, appearing to read 'D. F. Johnson'.

D. F. Johnson
Manager Regulatory Services & Licensing

hds

Attachments

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

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PDR ADOCK 05000266
R PDR

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 02/05/97

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: January - 1997
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): Power 90%
10. REASONS FOR RESTRICTIONS, (IF ANY):
Self-imposed restriction.

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	744.0	230,016.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	193,617.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	744.0	744.0	190,399.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,014,658.0	1,014,658.0	270,509,043.0
17. GROSS ELECTRICAL ENERGY GENERATED	348,560.0	348,560.0	91,439,650.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	333,043.0	333,043.0	87,189,462.5
19. UNIT SERVICE FACTOR	100.0%	100.0%	82.8%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	83.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	92.3%	92.3%	77.8%
22. UNIT CAPACITY FACTOR (USING DER NET)	90.1%	90.1%	76.3%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.4%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling, 05/10/97, 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 LEVELMONTH JANUARY - 1997DOCKET NO. 50-266UNIT NAME Point Beach, Unit 1DATE 2/5/97COMPLETED BY Brian J. Vander VeldeTELEPHONE (414) 755-6681

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	448	11	448	21	448
2	449	12	448	22	450
3	456	13	448	23	449
4	443	14	449	24	449
5	449	15	449	25	445
6	448	16	448	26	449
7	449	17	447	27	449
8	448	18	448	28	450
9	448	19	448	29	450
10	449	20	450	30	450
				31	420

POINT BEACH NJCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH JANUARY - 1997

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 2/5/97
 Completed By B. J. Vander Velde
 Telephone No. 414/755-6681

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Reactor Shut Down ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
5	970131	F	0	H	5	NA	XX	XXXXXX	The unit commenced a load reduction to allow plant conditions to support steam generator loop entry to support equipment operability determination on steam generator cubicle ductwork.

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	2/5/97
COMPLETED BY	B. J. Vander Velde
TELEPHONE	414/755-6681

Unit 1 operated at an average of 448 MWe net for the January, 1997 report period.

The following Licensee Event Reports were submitted to the NRC in January 1997:

Licensee Event Report 50-266/96-012-00, EDG Fuel Oil System Tests Not Performed In Accordance With Technical Specifications.

Licensee Event Report 50-266/96-013-00, Potential Common Mode Failure in 120 VAC.

Licensee Event Report 50-266/96-014-00, Steam Generator Blowdown Sample Not Performed In Accordance With Technical Specifications.

Licensee Event Report 50-266/96-015-00, Main Steam Safety Valve Lift Setpoints Exceed Design Basis Values.

Safety-related maintenance included:

1. C-177 white computer mux input processor board replaced.
2. P-002B charging pump plexiglas and tygon tubing replaced.
3. CV-00313A reactor coolant pump seal water return isolation insulated.
4. G-02 emergency diesel generator air start system header cleaned, skirting plate repaired, insulation fasteners repaired, and air start motor rebuilt.
5. CS-00476 steam generator feedwater regulator control packing tightened.
6. P-032E service water pump bolts tightened.
7. G-01 air starter motor rebuilt.
8. P-032A-M service water pump motor repaired.
9. Y-31 white instrument distribution temporary power supply installed.

10. P-032D-M service water pump bearings replaced.

11. P-032A service water pump packing adjusted.

12. SI-0301R-01 containment spray pump discharge to spray nozzle: gasket replaced.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 02/05/97

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: January - 1997
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

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	744.0	214,801.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	185,987.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	0.0	0.0	183,508.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	0.0	263,605,007.0
17. GROSS ELECTRICAL ENERGY GENERATED	0.0	0.0	89,603,310.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	(1,641.0)	85,409,942.5
19. UNIT SERVICE FACTOR	0.0%	0.0%	85.4%
20. UNIT AVAILABILITY FACTOR	0.0%	0.0%	85.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0%	-0.5%	81.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0%	-0.4%	80.0%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	0.9%

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:

03/05/97

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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH JANUARY - 1997

DOCKET NO. 50-301

UNIT NAME Point Beach, Unit 2

DATE 2/5/97

COMPLETED BY Brian J. Vander Velde

TELEPHONE (414) 755-6681

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	-3	16	-2	26	-3
7	-2	17	-2	27	-2
8	-2	18	-2	28	-2
9	-2	19	-2	29	-2
10	-2	20	-2	30	-2
				31	-2

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY - 1997

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date 2/5/97
Completed By B. J. Vander Velde
Telephone No. 414/755-6681

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Reactor Shut Down ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
4	961005	S	744.0	C	1	NA	NA	NA	Scheduled refueling and maintenance (U2R22). Major work items include: Replacing both Unit 2 steam generators; main control board wire separation resolution; replace 8 main steam condenser valves; HP turbine crossunder piping; repair service water west header; replace boric acid and reactor makeup water totalizers; replace safety injection accumulator level transmitters; modify X02, X03, and X04 transformer metering and relay circuits; and exciter modification.

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)

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for preparation of
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LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 2/5/97
COMPLETED BY B. J. Vander Velde
TELEPHONE 414/755-6681

Unit 2 was in a refueling outage during the entire January, 1997 report period.

Safety-related maintenance included:

1. P/P-00626 reactor heat removal heat exchanger bypass flow control positioner pilot valve replaced.
2. FT-00464 steam generator flow transmitter valve replaced.
3. FT-00465 steam generator flow transmitter valve replaced.
4. FT-00474 steam generator flow transmitter valve replaced.
5. FT-00475 steam generator flow transmitter valve replaced.
6. RC-00502 reactor coolant loop 'a' cold leg piping supports tightened.
7. PT-00468 steam generator pressure transmitter removed from service.
8. PT-00469 steam generator pressure transmitter cable replaced.
9. PT-00478 steam generator pressure transmitter cable replaced.
10. PT-00479 steam generator pressure transmitter cable replaced.
11. PT-0482 steam generator pressure transmitter cable replaced.
12. PT-00483 steam generator pressure transmitter cable replaced.
13. LT-00461 steam generator level transmitter cable replaced.
14. LT-00462 steam generator level transmitter cable replaced.
15. LT-00463 steam generator level transmitter cable replaced.
16. LT-00471 steam generator level transmitter cable replaced.

17. LT-00473 steam generator level transmitter cable replaced.
18. LT-00479 steam generator level transmitter cable replaced.
19. SI-00844A-S safety injection accumulator drain solenoid installed.
20. WL-01003B-O reactor coolant drain tank pump suction valve replaced.
21. B-03 480V safeguards load center changed.
22. HS-34 main steam line east snubber replaced.
23. HS-35 main steam line west snubber replaced.
24. HS-36 steam generator north side snubber replaced.
25. HS-37 steam generator middle side snubber replaced.
26. HS-38 steam generator south side snubber replaced.
27. P-001B-M reactor coolant pump motor hose replaced.
28. CC-00747B evaporator component cooling outlet relief valve rebuilt.
29. MS-00217A steam generator blowdown line drain piping and valves replaced.
30. CC-00814B safety injection pump seal water heat exchanger shell side outlet flange cleaned.
31. SI-00834D safety injection accumulator nitrogen inlet check valve replaced.
32. B52-427M auxiliary feedwater pump suction from service water control power transformer replaced.
33. B52-423F refueling water storage tank outlet control power transformer replaced.
34. B52-323F refueling water storage tank outlet control power transformer replaced.
35. B52-425J safety injection pump suction control power transformer replaced.
36. B52-425F safety injection pump suction control power transformer replaced.
37. B52-325J volume control tank outlet thermal overboard device replaced.
38. B52-321M containment spray pump control power transformer replaced.

39. B52-327J reactor coolant loop control power transformer replaced.
40. B52-3210J charging pump control power transformer replaced.
41. B52-421M containment spray pump discharge control power transformer replaced.
42. B52-422M containment spray pump discharge control power transformer replaced.
43. B52-423J containment spray pump suction control power transformer replaced.
44. B52-423M containment spray pump suction control power transformer replaced.
45. SI-00825A refueling water storage tank outlet cleaned.
46. SI-00896A safety injection pump suction cleaned.
47. SI-00878D safety injection pump loop 'a' injection tested.
48. MS-02005 steam generator steam header safety foreign material exclusion inspected.
49. 1/RH-00700 reactor heat removal pump suction header control switch replaced.
50. VNPSE-03244 purge supply for discharge valve replaced.
51. A-06 4.16kV bus switchgear foreign material exclusion inspected.
52. Pipe SI-0903R-01 nitrogen supply to accumulator relief valve installed.
53. SI-01425 safety injection accumulator nitrogen header valve packing replaced.
54. SI-00825B refueling water storage tank outlet valve cleaned.
55. SI-00896B safety injection pump suction cleaned.
56. P-015A safety injection pump adjusted.