



231 W. Michigan, P.O. Box 2046, Milwaukee, WI 53201-2046

(414) 221-2345

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U. S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

Ladies/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 December, 1999.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. J. Cayia', is written over the typed name and title.

A. J. Cayia
Manager,
Regulatory Services & Licensing

MBK/tja

Attachments

cc: J. D. Loock, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

JE24

PDL ADDN 05000266

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 01/05/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: December - 1999
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 530.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 510.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
N/A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):
N/A

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	8,760.0	255,552.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	570.5	7,170.7	207,517.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	548.0	7,071.3	204,088.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	721,207.0	10,486,327.0	290,325,630.0
17. GROSS ELECTRICAL ENERGY GENERATED	250,800.0	3,653,330.0	98,340,430.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	236,535.0	3,487,077.5	93,738,802.0
19. UNIT SERVICE FACTOR	73.7%	80.7%	79.9%
20. UNIT AVAILABILITY FACTOR	73.7%	80.7%	80.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	62.3%	78.4%	75.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	61.7%	77.5%	73.7%
23. UNIT FORCED OUTAGE RATE	0.0%	3.6%	4.6%
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: N/A			

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH DECEMBER - 1999

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 1/5/2000
 Completed By M. B. Koudelka
 Telephone No. 920/755-6480

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	991015	S	196	C	1	NA	NA	NA	The unit began its 25 th refueling outage on October 15, 1999 and was placed back on-line on December 9, 1999.

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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH DECEMBER - 1999

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 01/03/00
 COMPLETED BY: M. B. Koudelka
 TELEPHONE: (920) 755-6480

<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>-14</u>	11	<u>180</u>	21	<u>510</u>
2	<u>-11</u>	12	<u>238</u>	22	<u>508</u>
3	<u>-18</u>	13	<u>356</u>	23	<u>508</u>
4	<u>-14</u>	14	<u>458</u>	24	<u>510</u>
5	<u>-14</u>	15	<u>510</u>	25	<u>509</u>
6	<u>-15</u>	16	<u>514</u>	26	<u>509</u>
7	<u>-13</u>	17	<u>513</u>	27	<u>510</u>
8	<u>-13</u>	18	<u>507</u>	28	<u>509</u>
9	<u>-15</u>	19	<u>513</u>	29	<u>510</u>
10	<u>81</u>	20	<u>512</u>	30	<u>509</u>
				31	<u>506</u>

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 01/05/00
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

Unit 1 Refueling 25 began on October 15, 1999 and went back online on December 10, 1999.

Three Licensee Event Reports (LERs) were submitted to the NRC during December, 1999:

LER 266/1999-011-00, Main Steam Safety Valve Lift Setpoint Exceeds Acceptance Criteria.

LER 266/1999-012-00, Through-Wall Defect on Steam Generator Drain Valve Weld.

LER 266/1999-013-00, Inadvertent ESF Actuation During Post-Maintenance Testing.

Safety-related maintenance included:

1. 1-52/RTB reactor trip breaker cycled.
2. 1-83/DY-04 1DY-04 yellow inverter static transfer switch fast undervoltage transfer setpoint changed.
3. 1AF-00109 P-38A auxiliary feedwater pump discharge check valve inspected.
4. 1CV-00296 HX-2 regenerative heat exchanger to auxiliary spray valve inspected.
5. 1CV-00392 HX-2 regenerative heat exchanger shell side out to letdown orifices valve inspected.
6. D-05, D-06, D-105 and D-106 125 Vdc and D-305 swing station batteries inspected.
7. DY-0A red 125 Vdc/120 Vac alternate inverter frequency checked.
8. 1DY-04 yellow 125 Vac inverter frequency meter replaced.
9. G-02 emergency diesel generator fuel line replaced.
10. G-01-GOV, G-02-GOV, G-03-GOV, G-04-GOV, and G-04 emergency diesel generator and governors oil sampled.
11. 1HX-001A&B steam generator manway bolts retorqued.
12. HX-012C component cooling water heat exchanger cleaned and inspected.

13. 1MS-02020 HX-1A steam generator header P-29 auxiliary feedwater pump steam supply motor-operated valve inspected and torque switch replaced.
14. 1MS-02084-O HX-1B steam generator sample isolation control operator valve diagnostic test performed.
15. 1N-00035 nuclear instrumentation intermediate range channel replaced.
16. 1P-002C charging pump repacked.
17. P-032B service water pump tubing line between discharge pressure gauge and its isolation valve was repaired.
18. 1Q-03, 1Q-04, 1Q-05, 1Q-06, 1Q-07, 1Q-08, 1Q-09, 1Q-10, 1Q-11, 1Q-12, 1Q-13, 1Q-14, 1Q-16, 1Q-17, 1Q-18, 1Q-19, 1Q-23, 1Q-24, 1Q-25, 1Q-26, 1Q-27, 1Q-38, 1Q-40, 1Q-42, 1Q-47, 1Q-49, 1Q-51, 1Q-53, 1Q-55, 1Q-56 and 1Q-57 electrical penetrations nitrogen purge valves removed and tubing was cut and capped or plugged.
19. 1RC-00004B Train B Loop B reactor coolant low flow matrix relay replaced.
20. 1RH-00716A HX-11A residual heat removal heat exchanger RH-624 flow control outlet valve inspected.
21. 1RT-6B Train B reactor trip relay replaced.
22. 1SC-00955 reactor coolant hot leg sample isolation valve inspected.
23. 1SC-00966A pressurizer steam sample containment isolation valve inspected.
24. 1SC-00966B pressurizer liquid sample containment isolation valve inspected.
25. 1SI-00853C low head safety injection core deluge check valve studs replaced and temporarily leak repaired.
26. 1SI-00857A HX-11A residual heat removal heat exchanger outlet to P-15A safety injection pump suction packing leakoff line cap replaced.
27. 1SI-00857A&B HX-11A&B residual heat removal heat exchanger outlet to P-15A&B safety injection pump suction valves replaced.
28. SW-02838 HX-55B1/B2 coolant heat exchanger outlet control valve inspected.
29. Unit 1 Train A and B 4.16 kV and 480 V undervoltage switchgear relay tests performed.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 01/05/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: December - 1999
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 532.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
N/A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):
N/A

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	8,760.0	240,337.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7,393.4	201,934.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	744.0	7,196.2	199,102.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,125,246.0	10,664,027.0	286,456,083.0
17. GROSS ELECTRICAL ENERGY GENERATED	397,250.0	3,739,660.0	97,498,000.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380,633.0	3,573,353.5	92,915,772.0
19. UNIT SERVICE FACTOR	100.0%	82.1%	82.8%
20. UNIT AVAILABILITY FACTOR	100.0%	82.1%	83.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.9%	80.0%	79.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.3%	79.4%	77.7%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	2.3%
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: N/A			

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER - 1999

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 1/5/2000
 Completed By M. B. Koudelka
 Telephone No. 920/755-6480

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
7	991212	--	0	B	NA	NA	NA	NA	The unit was taken to 68% power in support of testing of the atmospheric steam dump, condenser steam dump and crossover steam dump valves.

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
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 6 - Other (explain)

⁴Exhibit G - Instructions for preparation of data entry sheets LER file (NUREG-0161)

⁵Exhibit I - Same Source

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH DECEMBER - 1999

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 01/03/00
 COMPLETED BY: M. B. Koudelka
 TELEPHONE: (920) 755-6480

<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>514</u>	11	<u>504</u>	21	<u>510</u>
2	<u>514</u>	12	<u>484</u>	22	<u>506</u>
3	<u>515</u>	13	<u>515</u>	23	<u>508</u>
4	<u>514</u>	14	<u>516</u>	24	<u>510</u>
5	<u>514</u>	15	<u>516</u>	25	<u>511</u>
6	<u>514</u>	16	<u>516</u>	26	<u>510</u>
7	<u>514</u>	17	<u>516</u>	27	<u>512</u>
8	<u>514</u>	18	<u>515</u>	28	<u>511</u>
9	<u>515</u>	19	<u>514</u>	29	<u>512</u>
10	<u>516</u>	20	<u>514</u>	30	<u>511</u>
				31	<u>509</u>

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 01/05/00
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 2 during November, 1999, was 511.6 MWe.

One Licensee Event Report (LER) was submitted to the NRC during December, 1999:

LER 301/1999-004-00, Failure to Enter Containment Penetration LCO Constitutes a Condition Prohibited by Technical Specifications.

Safety-related maintenance included:

1. 2A52-67 normal power to 2A-05 from G-02 emergency diesel generator circuit breaker replaced.
2. 2B52-4212M power to K-2B instrument air compressor breaker door window realigned.
3. 2MS-00244 HX-1B steam generator MS-2015 dump to atmosphere inlet valve repaired.
4. 2N-00043 nuclear instrumentation power range channel potentiometer replaced.
5. 2RH-00716A HX-11A residual heat removal heat exchanger RH-624 flow control outlet valve repacked.
6. 2P-001A-M reactor coolant pump motor oil added to lower sump.
7. 2P-011A component cooling water pump oil changed.
8. Unit 2 Train A and B 4.16 kV and 480 V undervoltage switchgear relay tests performed.
9. 2W-001A1, 2W-001B1, 2W-001C1 and 2W-001D1 containment accident recirculation fans inspected.