

NRC 2003-0022

GL 97-02

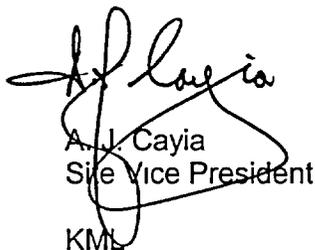
March 6, 2003

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dockets 50-266 And 50-301
Point Beach Nuclear Plant, Units 1 And 2
Monthly Operating Reports

Attached are monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of February 2003.

Sincerely,



A. J. Cayia
Site Vice President

KML

Attachment

cc: J. D. Loock, PSCW
NRC Regional Administrator
NRC Resident Inspector
NRC Project Manager

IE24

OPERATING DATA REPORT

DOCKET NO. 50-266
UNIT NAME POINT BEACH NUCLEAR PLANT - UNIT 1
DATE 03/04/03
COMPLETED BY Kim M. Locke
TELEPHONE 920-755-6420

REPORTING PERIOD February - 2003

1. DESIGN ELECTRICAL RATING (MWE-NET) 521.0
2. MAXIMUM DEPENDABLE CAPACITY (MWE-NET) 516.0

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	233,015.4
4. NUMBER OF HOURS THE GENERATOR WAS ON LINE	672.0	1,416.0	229,474.5
5. UNIT RESERVED SHUTDOWN HOURS	0.0	0.0	846.9
6. NET ELECTRICAL ENERGY (MWH)	343,233.0	718,423.0	106,269,732.0

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC GENERIC LETTER 97-02 DATED MAY 15, 1997

UNIT SHUTDOWNS

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 3/04/2003
 COMPLETED BY: Kim M. Locke
 TELEPHONE: 755-6420

REPORTING PERIOD: February 2003
 (Month/Year)

NO.	DATE	TYPE	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Reason

- A. Equipment Failure (Explain)
- B. Maintenance or Test
- C. Refueling
- D. Regulatory Restriction
- E. Operator Training/license Examination
- F. Administrative
- G. Operational Error (Explain)
- H. Other (Explain)

(2) Method

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4. Continuation
- 5. Other (Explain)

SUMMARY:

Unit 1 average daily power for the month of February was 510.8 MWe.
 Implemented 1.4% Power Measurement Uncertainty Recapture (MUR) for Unit 1 on February 12, 2003.
 On February 27, due to concerns with containment isolation valve leakage, Unit 1 power was reduced to 92% for about 0.8 hours.
 There were no Licensee Event Reports (LERs) submitted to the NRC in February:

OPERATING DATA REPORT

DOCKET NO. 50-301
UNIT NAME POINT BEACH NUCLEAR PLANT - UNIT 2
DATE 03/04/03
COMPLETED BY Kim M. Locke
TELEPHONE 920-755-6420

REPORTING PERIOD February - 2003

- | | |
|--|-------|
| 1. DESIGN ELECTRICAL RATING (MWE-NET) | 521.0 |
| 2. MAXIMUM DEPENDABLE CAPACITY (MWE-NET) | 518.0 |

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1,416.0	227,169.1
4. NUMBER OF HOURS THE GENERATOR WAS ON LINE	672.0	1,416.0	224,181.7
5. UNIT RESERVED SHUTDOWN HOURS	0.0	0.0	302.2
6. NET ELECTRICAL ENERGY (MWH)	346,588.0	725,009.0	105,512,812.5

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC GENERIC LETTER 97-02 DATED MAY 15, 1997

UNIT SHUTDOWNS

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 3/04/2003
 COMPLETED BY: Kim M. Locke
 TELEPHONE: 755-6420

REPORTING PERIOD: February 2003
 (Month/Year)

NO.	DATE	TYPE	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS
		F: FORCED S: SCHEDULED				COMMENTS
N/A	N/A	N/A	N/A	N/A	N/A	

(1) Reason

- A. Equipment Failure (Explain)
- B. Maintenance or Test
- C. Refueling
- D. Regulatory Restriction
- E. Operator Training/license Examination
- G. Operational Error (Explain)
- F. Administrative
- H. Other (Explain)

(2) Method

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4. Continuation
- 5. Other (Explain)

SUMMARY:

Unit 2 average daily power for the month of February was 515.8 MWe.
 Implemented 1.4% Power Measurement Uncertainty Recapture (MUR) for Unit 2 on February 08, 2003.
 There were no Licensee Event Reports (LERs) submitted to the NRC in February:

POINT BEACH SHIFT OPERATIONAL DATA SUMMARY

February, 2003

DAY	Unit 1								Unit 2							
	Gen	X02	X04	X08	X27	Net	MW hr	Avg MWe	Gen	X02	X04	X08	X27	Net	MW hr	Avg MWe
1	12670.0	477.0	43.0	1.0	5.0	12144.0	506.0	12780.0	475.0	35.0	1.0	5.0	12264.0	511.0		
2	12690.0	477.0	39.0	1.0	4.0	12169.0	507.0	12820.0	476.0	35.0	1.0	4.0	12304.0	512.7		
3	12730.0	481.0	42.0	1.0	5.0	12201.0	508.4	12810.0	478.0	35.0	1.0	5.0	12291.0	512.1		
4	12650.0	478.0	43.0	1.5	5.5	12122.0	505.1	12740.0	477.0	37.0	1.5	5.5	12219.0	509.1		
5	12640.0	479.0	43.0	1.0	6.0	12111.0	504.6	12750.0	477.0	39.0	1.0	6.0	12227.0	509.5		
6	12660.0	479.0	42.0	1.0	6.0	12132.0	505.5	12780.0	478.0	38.0	1.0	6.0	12257.0	510.7		
7	12690.0	480.0	42.0	1.0	6.0	12161.0	506.7	12800.0	479.0	39.0	1.0	6.0	12275.0	511.5		
8	12660.0	480.0	44.0	1.5	6.0	12128.5	505.4	12780.0	479.0	39.0	1.5	6.0	12254.5	510.6		
9	12690.0	479.0	41.0	1.0	6.0	12163.0	506.8	12960.0	480.0	36.0	1.0	6.0	12437.0	518.2		
10	12690.0	481.0	43.0	1.0	6.0	12159.0	506.6	12950.0	480.0	39.0	1.0	6.0	12424.0	517.7		
11	12760.0	481.0	44.0	1.5	6.5	12227.0	509.5	12890.0	480.0	39.0	1.5	6.5	12363.0	515.1		
12	12900.0	484.0	44.0	1.0	6.5	12364.5	515.2	12900.0	481.0	39.0	1.0	6.5	12372.5	515.5		
13	12830.0	484.0	43.0	1.0	6.0	12296.0	512.3	12820.0	480.0	37.0	1.0	6.0	12296.0	512.3		
14	12910.0	482.0	45.0	1.5	6.0	12375.5	515.6	12930.0	481.0	38.0	1.5	6.0	12403.5	516.8		
15	12850.0	483.0	43.0	1.0	5.5	12317.5	513.2	12950.0	480.0	38.0	1.0	5.5	12425.5	517.7		
16	12850.0	482.0	41.0	1.0	9.5	12316.5	513.2	12970.0	480.0	37.0	1.0	9.5	12442.5	518.4		
17	12840.0	480.0	43.0	1.0	0.0	12316.0	513.2	12950.0	480.0	38.0	1.0	0.0	12431.0	518.0		
18	12870.0	480.0	40.0	0.5	4.5	12345.0	514.4	12980.0	479.0	36.0	0.5	4.5	12460.0	519.2		
19	12850.0	481.0	42.0	1.5	5.0	12320.5	513.4	12960.0	480.0	49.0	1.5	5.0	12424.5	517.7		
20	12890.0	480.0	42.0	0.5	5.5	12362.0	515.1	13020.0	479.0	28.0	0.5	5.5	12507.0	521.1		
21	12900.0	480.0	48.0	1.0	4.5	12366.5	515.3	13030.0	500.0	34.0	1.0	4.5	12490.5	520.4		
22	12900.0	483.0	32.0	1.0	5.5	12378.5	515.8	13010.0	461.0	38.0	1.0	5.5	12504.5	521.0		
23	12950.0	487.0	38.0	1.5	5.5	12418.0	517.4	13050.0	486.0	39.0	1.5	5.5	12518.0	521.6		
24	12720.0	473.0	43.0	1.0	6.0	12197.0	508.2	12950.0	473.0	39.0	1.0	6.0	12431.0	518.0		
25	12810.0	481.0	42.0	1.0	6.5	12279.5	511.6	12820.0	482.0	39.0	1.0	6.5	12291.5	512.1		
26	12850.0	482.0	42.0	1.0	5.5	12319.5	513.3	12970.0	480.0	39.0	1.0	5.5	12444.5	518.5		
27	12770.0	481.0	42.0	1.5	5.5	12240.0	510.0	12930.0	480.0	39.0	1.5	5.5	12404.0	516.8		
28	12830.0	480.0	41.0	0.5	5.5	12303.0	512.6	12950.0	480.0	38.0	0.5	5.5	12426.0	517.8		

MONTHLY TOTALS - UNIT 1

Gross Generation: 358,050.0 MW hr
Total Station Service: 14,817.0 MW hr
Net Generation: 343,233.0 MW hr
Average Daily Power: 510.8 MWe

MONTHLY TOTALS - UNIT 2

Gross Generation: 361,250.0 MW hr
Total Station Service: 14,662.0 MW hr
Net Generation: 346,588.0 MW hr
Average Daily Power: 515.8 MWe

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 2003

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 03/04/03
 COMPLETED BY: Kim M. Locke
 TELEPHONE: 920-755-6420

<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>506</u>	11	<u>509</u>	21	<u>515</u>
2	<u>507</u>	12	<u>515</u>	22	<u>516</u>
3	<u>508</u>	13	<u>512</u>	23	<u>517</u>
4	<u>505</u>	14	<u>516</u>	24	<u>508</u>
5	<u>505</u>	15	<u>513</u>	25	<u>512</u>
6	<u>506</u>	16	<u>513</u>	26	<u>513</u>
7	<u>507</u>	17	<u>513</u>	27	<u>510</u>
8	<u>505</u>	18	<u>514</u>	28	<u>513</u>
9	<u>507</u>	19	<u>513</u>		
10	<u>507</u>	20	<u>515</u>		

POINT BEACH NUCLEAR PLANT OPERATING SUMMARY REPORT
UNIT 1 - FEBRUARY 2003

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	358,050.0	749,550.0	111,448,680.0
TOTAL STATION SERVICE	MWH	14,817.0	31,127.0	5,178,948.0
NET OUTPUT	MWH	343,233.0	718,423.0	106,269,732.0
AVG. GROSS GENERATION FOR MONTH	MWH	532.8	529.3	393.4
AVG. GROSS GENERATION RUNNING	MWH	532.8	529.3	485.7
TOTAL STATION SERVICE/GROSS GEN.	%	4.1%	4.2%	4.7%
HOURS OF GENERATION	HRS	672.0	1,416.0	229,474.5

<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.38%	33.32%	32.39%
NET PLANT HEAT RATE	BTU/KWH	10,223.4	10,243.3	10,537.8
NUMBER OF DAYS OF OPERATION	DAYS	28	59	10,476
UNIT NET CAPACITY FACTOR	%	99.0%	98.9%	76.6%
UNIT SERVICE FACTOR	%	100.0%	100.0%	81.0%
SCHEDULED OUTAGES		0	0	127
FORCED OUTAGES		0	0	73
FORCED OUTAGE HOURS	HRS	0.0	0.0	10,227.1
UNIT FORCED OUTAGE RATE	%	0.0%	0.0%	4.3%

<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	672.0	1,416.0	233,015.4
TOTAL HOURS POSSIBLE	HRS	672.0	1,416.0	283,271.0
INADVERTANT REACTOR TRIPS		0	0	57
DURATION OF REACTOR DOWN TIME	HRS	0.0	0.0	50,339.6
REACTOR CAPACITY FACTOR	%	100.8%	100.3%	76.3%
REACTOR SERVICE FACTOR	%	100.0%	100.0%	82.3%
THERMAL POWER GENERATED	MWTHR	1,028,209.0	2,156,341.0	328,135,691.0

THERMAL POWER GENERATED THIS FUEL CYCLE MWTHR 4,841,790.0

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 2003

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 03/04/03
 COMPLETED BY: Kim M. Locke
 TELEPHONE: 920-755-6420

<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>511</u>	11	<u>515</u>	21	<u>520</u>
2	<u>513</u>	12	<u>516</u>	22	<u>521</u>
3	<u>512</u>	13	<u>512</u>	23	<u>522</u>
4	<u>509</u>	14	<u>517</u>	24	<u>518</u>
5	<u>509</u>	15	<u>518</u>	25	<u>512</u>
6	<u>511</u>	16	<u>518</u>	26	<u>519</u>
7	<u>511</u>	17	<u>518</u>	27	<u>517</u>
8	<u>511</u>	18	<u>519</u>	28	<u>518</u>
9	<u>518</u>	19	<u>518</u>		
10	<u>518</u>	20	<u>521</u>		

POINT BEACH NUCLEAR PLANT OPERATING SUMMARY REPORT
UNIT 2 - FEBRUARY 2003

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	361,250.0	755,880.0	110,669,300.0
TOTAL STATION SERVICE	MWH	14,662.0	30,871.0	5,156,487.5
NET OUTPUT	MWH	346,588.0	725,009.0	105,512,812.5
AVG. GROSS GENERATION FOR MONTH	MWH	537.6	533.8	412.9
AVG. GROSS GENERATION RUNNING	MWH	537.6	533.8	493.7
TOTAL STATION SERVICE/GROSS GEN.	%	4.1%	4.1%	4.7%
HOURS OF GENERATION	HRS	672.0	1,416.0	224,181.7

<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.66%	33.63%	32.55%
NET PLANT HEAT RATE	BTU/KWH	10,140.3	10,148.6	10,483.7
NUMBER OF DAYS OF OPERATION	DAYS	28	59	9,514
UNIT NET CAPACITY FACTOR	%	99.6%	99.4%	80.1%
UNIT SERVICE FACTOR	%	100.0%	100.0%	83.6%
SCHEDULED OUTAGES		0	0	93
FORCED OUTAGES		0	0	59
FORCED OUTAGE HOURS	HRS	0.0	0.0	4,900.9
UNIT FORCED OUTAGE RATE	%	0.0%	0.0%	2.1%

<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	672.0	1,416.0	227,169.1
TOTAL HOURS POSSIBLE	HRS	672.0	1,416.0	268,056.0
INADVERTANT REACTOR TRIPS		0	0	50
DURATION OF REACTOR DOWN TIME	HRS	0.0	0.0	40,886.9
REACTOR CAPACITY FACTOR	%	100.9%	100.3%	79.6%
REACTOR SERVICE FACTOR	%	100.0%	100.0%	84.7%
THERMAL POWER GENERATED	MWTHR	1,029,816.0	2,155,974.0	324,128,378.0

THERMAL POWER GENERATED THIS FUEL CYCLE MWTHR 10,540,443.0