

NRC 2001-055

August 10, 2001

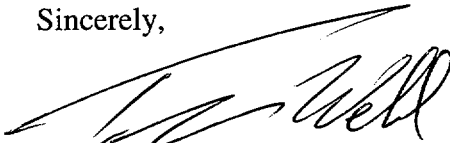
Document Control Desk
U. S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

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 July 2001.

Sincerely,



T. J. Webb
Licensing Director

KML/tyf

Attachments

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

IE 24

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 08/10/01

COMPLETED BY: K.M.Locke

TELEPHONE: (920) 755-6862

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: July - 2001
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):

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,087.0	269,422.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,253.8	220,183.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	744.0	4,206.4	216,687.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,073,463.0	6,241,726.0	309,074,681.0
17. GROSS ELECTRICAL ENERGY GENERATED	370,830.0	2,163,030.0	104,828,870.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	354,329.5	2,066,394.0	99,939,818.5
19. UNIT SERVICE FACTOR	100.0%	82.7%	80.4%
20. UNIT AVAILABILITY FACTOR	100.0%	82.7%	80.7%
21. UNIT CAPACITY FACTOR (USING MDC NET)	93.4%	79.6%	75.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	92.5%	78.9%	74.4%
23. UNIT FORCED OUTAGE RATE	8.8%	1.7%	4.5%

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED MAY 15, 1997

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH JULY - 2001

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 08/10/01
 COMPLETED BY: K.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>510</u>	11	<u>496</u>	21	<u>261</u>
2	<u>508</u>	12	<u>508</u>	22	<u>298</u>
3	<u>502</u>	13	<u>498</u>	23	<u>504</u>
4	<u>465</u>	14	<u>501</u>	24	<u>506</u>
5	<u>500</u>	15	<u>503</u>	25	<u>496</u>
6	<u>504</u>	16	<u>503</u>	26	<u>499</u>
7	<u>506</u>	17	<u>509</u>	27	<u>499</u>
8	<u>506</u>	18	<u>505</u>	28	<u>499</u>
9	<u>501</u>	19	<u>421</u>	29	<u>498</u>
10	<u>497</u>	20	<u>268</u>	30	<u>497</u>
				31	<u>498</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY - 2001

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 8/10/2001
 Completed By K.M. Locke
 Telephone No. 920/755-6420

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
1	07/20/2001	F	0	H	5	N/A	CC	PMPXX	Reduced power to secure the 1P-28B main feed pump due to axial movement of the motor shaft

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 08/10/2001
COMPLETED BY K. M. Locke
TELEPHONE 920/755-6420

The daily power average for Unit 1 during July 2001, was 498.4 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during July 2001:

LER 266/2001-003-00, Containment Response For MSLB May Exceed Design Pressure of 60 psig

Major safety-related maintenance that was performed during July, 2001 included:

- Install isolation valve in west service water header
- Charging pump seal assemblies and discharge relief valves
- Inspection and maintenance of spent fuel pool
- G01 & G02 emergency diesel generator coolant heat exchangers
- Repair of white instrument bus inverter power supplies
- Troubleshooting and repair of DC battery chargers

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 08/10/01

COMPLETED BY: K.M.Locke

TELEPHONE: (920) 755-6862

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: July - 2001
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):

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,087.0	254,207.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,006.9	214,108.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	744.0	4,983.2	211,181.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,123,249.0	7,450,184.0	304,510,847.0
17. GROSS ELECTRICAL ENERGY GENERATED	390,500.0	2,595,460.0	103,786,570.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	374,036.5	2,485,175.0	98,925,708.5
19. UNIT SERVICE FACTOR	100.0%	98.0%	83.1%
20. UNIT AVAILABILITY FACTOR	100.0%	98.0%	83.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.2%	95.4%	79.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	97.6%	94.9%	78.1%
23. UNIT FORCED OUTAGE RATE	0.0%	2.1%	2.2%

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH JULY - 2001

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 08/08/01
 COMPLETED BY: K.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>500</u>	11	<u>486</u>	21	<u>502</u>
2	<u>496</u>	12	<u>512</u>	22	<u>502</u>
3	<u>507</u>	13	<u>503</u>	23	<u>504</u>
4	<u>488</u>	14	<u>504</u>	24	<u>503</u>
5	<u>509</u>	15	<u>506</u>	25	<u>501</u>
6	<u>505</u>	16	<u>508</u>	26	<u>500</u>
7	<u>511</u>	17	<u>511</u>	27	<u>499</u>
8	<u>509</u>	18	<u>509</u>	28	<u>500</u>
9	<u>506</u>	19	<u>504</u>	29	<u>500</u>
10	<u>502</u>	20	<u>503</u>	30	<u>497</u>
				31	<u>499</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July - 2001

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 8/10/2001
 Completed By K.M. Locke
 Telephone No. 920/755-6420

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
--	NA	NA	NA	NA	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. 50-301
UNIT NAME Point Beach Unit 2
DATE 08/10/2001
COMPLETED BY K.M. Locke
TELEPHONE 920/755-6420

The daily power average for Unit 2 during July 2001 was 524.9 MWe.

No Licensee Event Reports (LERs) were submitted to the NRC during July 2001.

Major safety-related maintenance that was performed during July 2001 included:

- Charging pump overhauls
- Red instrument bus inverter inspections

POINT BEACH NUCLEAR PLANT OPERATING SUMMARY REPORT
UNIT 1 - JULY 2001

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	370,830.0	2,163,030.0	104,828,870.0
TOTAL STATION SERVICE	MWH	16,500.5	96,636.0	4,889,051.5
NET OUTPUT	MWH	354,329.5	2,066,394.0	99,939,818.5
AVG. GROSS GENERATION FOR MONTH	MWH	498.4	425.2	389.1
AVG. GROSS GENERATION RUNNING	MWH	498.4	514.2	483.8
TOTAL STATION SERVICE/GROSS GEN.	%	4.4%	4.5%	4.7%
HOURS OF GENERATION	HRS	744.0	4,206.4	216,687.5

<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.01%	33.11%	32.34%
NET PLANT HEAT RATE	BTU/KWH	10,339.1	10,308.5	10,554.3
NUMBER OF DAYS OF OPERATION	DAYS	31	212	9,910
UNIT NET CAPACITY FACTOR	%	93.4%	79.6%	75.9%
UNIT SERVICE FACTOR	%	100.0%	82.7%	80.4%
SCHEDULED OUTAGES		0	1	125
FORCED OUTAGES		1	1	74
FORCED OUTAGE HOURS	HRS	71.4	71.4	10,298.5
UNIT FORCED OUTAGE RATE	%	8.8%	1.7%	4.5%

<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	744.0	4,253.8	220,183.2
TOTAL HOURS POSSIBLE	HRS	744.0	5,087.0	269,422.0
INADVERTANT REACTOR TRIPS		0	0	57
DURATION OF REACTOR DOWN TIME	HRS	0.0	833.2	49,322.8
REACTOR CAPACITY FACTOR	%	95.0%	80.8%	75.5%
REACTOR SERVICE FACTOR	%	100.0%	83.6%	81.7%
THERMAL POWER GENERATED	MWTHR	1,073,463.0	6,241,726.0	309,074,681.0

THERMAL POWER GENERATED THIS FUEL CYCLE MWTHR 2,770,011.0

POINT BEACH NUCLEAR PLANT OPERATING SUMMARY REPORT
UNIT 2 - JULY 2001

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	390,500.0	2,595,460.0	103,786,570.0
TOTAL STATION SERVICE	MWH	16,463.5	110,285.0	4,860,861.5
NET OUTPUT	MWH	374,036.5	2,485,175.0	98,925,708.5
AVG. GROSS GENERATION FOR MONTH	MWH	524.9	510.2	408.3
AVG. GROSS GENERATION RUNNING	MWH	524.9	520.8	491.5
TOTAL STATION SERVICE/GROSS GEN.	%	4.2%	4.2%	4.7%
HOURS OF GENERATION	HRS	744.0	4,983.2	211,181.2

<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.30%	33.36%	32.49%
NET PLANT HEAT RATE	BTU/KWH	10,248.6	10,230.9	10,505.0
NUMBER OF DAYS OF OPERATION	DAYS	31	209	8,937
UNIT NET CAPACITY FACTOR	%	98.2%	95.4%	79.4%
UNIT SERVICE FACTOR	%	100.0%	98.0%	83.1%
SCHEDULED OUTAGES		0	0	92
FORCED OUTAGES		0	1	58
FORCED OUTAGE HOURS	HRS	0.0	104.6	4,829.3
UNIT FORCED OUTAGE RATE	%	0.0%	2.1%	2.2%

<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	744.0	5,006.9	214,108.6
TOTAL HOURS POSSIBLE	HRS	744.0	5,087.0	254,207.0
INADVERTANT REACTOR TRIPS		0	2	50
DURATION OF REACTOR DOWN TIME	HRS	0.0	80.1	40,098.4
REACTOR CAPACITY FACTOR	%	99.4%	96.4%	78.9%
REACTOR SERVICE FACTOR	%	100.0%	98.4%	84.2%
THERMAL POWER GENERATED	MWTHR	1,123,249.0	7,450,184.0	304,510,847.0

THERMAL POWER GENERATED THIS FUEL CYCLE MWTHR 7,823,954.0

PBNP UNIT 1 CYCLE 27 JULY 2001 - BURNUP SYNOPSIS & REFUELING SCHEDULING DATA

BURNUP DATA IN MWD/MTU

	THIS PERIOD	TOTAL CYCLE 27	TOTAL
CYCLE AVERAGE	1012.	2611.	23049.
REGION AVERAGE			
126B	345.	886.	36873.
127A	287.	733.	42115.
127B	688.	1777.	41718.
128A	1224.	3176.	25093.
128B	1335.	3466.	23392.
129A	1341.	3428.	3428.
129B	1196.	3075.	3075.
CORE MWTHR	1073463.	2770011.	24450410.
DAYS IN PERIOD/CYCLE	31	79	
POWER FACTOR	95.0%	96.2%	* BASED ON NUMBER OF DAYS IN PERIOD OR CYCLE.
PROJECTED EOL BURNUP	15962.	16131.	* BASED ON DAYS REMAINING UNTIL REFUELING DATE ASSUMING PERIOD OR CYCLE POWER FACTOR

REFUELING SCHEDULE DATA

SCHEDULED REFUELING DATE 9/14/2002

	DESIGN	TEN PPM	NOTE:
BURNUP FOR CYCLE 27 (MWD/MTU)	16285.	16200.	DESIGN BURNUP IS THE END OF CYCLE BURNUP THAT WAS USED IN THE FINAL CORE DESIGN. TEN PPM BURNUP IS
REMAINING EFFECTIVE FULL POWER DAYS	398.0	395.5	THE CORE AVERAGE BURNUP PROJECTED AT TEN PPM BORON
FRACTION OF CYCLE LIFE EXPENDED	16.0%	16.1%	BASED ON CURRENT BORON FOLLOW RESULTS.

ESTIMATED DATE FOR DESIGN AND TEN PPM BURNUPS ASSUMING VARIOUS POWER FACTORS

POWER FACTOR	100.%	95.%	90.%	85.%	80.%	75.%	70.%	65.%
TEN PPM BORON DATE	8/31/2002	9/21/2002	10/14/2002	11/ 9/2002	12/ 8/2002	1/10/2003	2/17/2003	4/ 1/2003
DESIGN BURNUP DATE	9/ 3/2002	9/23/2002	10/17/2002	11/12/2002	12/11/2002	1/13/2003	2/20/2003	4/ 5/2003

PBNP UNIT 2 CYCLE 25 JULY 2001 - BURNUP SYNOPSIS & REFUELING SCHEDULING DATA

BURNUP DATA IN MWD/MTU

	THIS PERIOD	TOTAL CYCLE 25	TOTAL
CYCLE AVERAGE	1052.	7327.	26482.
REGION AVERAGE			
223D	308.	2049.	45808.
224A	273.	1822.	37127.
225A	676.	4672.	33714.
225B	409.	2773.	40441.
226A	1114.	7816.	36026.
226B	1290.	9158.	32736.
227A	1367.	9397.	9397.
227B	1197.	8311.	8311.
CORE MWTHR	1123249.	7823954.	28279781.
DAYS IN PERIOD/CYCLE	31	227	
POWER FACTOR	99.5%	94.6%	* BASED ON NUMBER OF DAYS IN PERIOD OR CYCLE.
PROJECTED EOL BURNUP	15511.	15106.	* BASED ON DAYS REMAINING UNTIL REFUELING DATE ASSUMING PERIOD OR CYCLE POWER FACTOR

REFUELING SCHEDULE DATA

SCHEDULED REFUELING DATE 3/30/2002

	DESIGN	TEN PPM	NOTE:
BURNUP FOR CYCLE 25 (MWD/MTU)	16660.	16660.	DESIGN BURNUP IS THE END OF CYCLE BURNUP THAT WAS USED IN THE FINAL CORE DESIGN. TEN PPM BURNUP IS
REMAINING EFFECTIVE FULL POWER DAYS	273.5	273.5	THE CORE AVERAGE BURNUP PROJECTED AT TEN PPM BORON
FRACTION OF CYCLE LIFE EXPENDED	44.0%	44.0%	BASED ON CURRENT BORON FOLLOW RESULTS.

ESTIMATED DATE FOR DESIGN AND TEN PPM BURNUPS ASSUMING VARIOUS POWER FACTORS

POWER FACTOR	100.%	95.%	90.%	85.%	80.%	75.%	70.%	65.%
TEN PPM BORON DATE	5/ 1/2002	5/15/2002	5/31/2002	6/18/2002	7/ 8/2002	7/31/2002	8/26/2002	9/25/2002
DESIGN BURNUP DATE	5/ 1/2002	5/15/2002	5/31/2002	6/18/2002	7/ 8/2002	7/31/2002	8/26/2002	9/25/2002

POINT BEACH SHIFT OPERATIONAL DATA SUMMARY

July, 2001

DAY	Unit 1							Unit 2						
	Gen	X02	X04	X08	X27	Net MWhr	Avg MWe	Gen	X02	X04	X08	X27	Net MWhr	Avg MWe
1	12790.0	509.0	31.0	0.5	5.0	12244.5	510.2	12530.0	502.0	33.0	0.5	5.0	11989.5	499.6
2	12740.0	508.0	30.0	1.0	5.5	12195.5	508.1	12440.0	503.0	33.0	1.0	5.5	11897.5	495.7
3	12590.0	505.0	31.0	1.0	5.5	12047.5	502.0	12710.0	501.0	31.0	1.0	5.5	12171.5	507.1
4	11670.0	477.0	31.0	1.0	5.0	11156.0	464.8	12210.0	470.0	30.0	1.0	5.0	11704.0	487.7
5	12510.0	478.0	30.0	1.0	5.5	11995.5	499.8	12710.0	465.0	33.0	1.0	5.5	12205.5	508.6
6	13620.0	495.0	31.0	0.5	5.0	13088.5	545.4	12630.0	481.0	34.0	0.5	5.0	12109.5	504.6
7	11690.0	503.0	30.0	1.5	5.5	11150.0	464.6	12790.0	490.0	34.0	1.5	5.5	12259.0	510.8
8	12650.0	478.0	32.0	1.0	5.0	12134.0	505.6	12730.0	466.0	33.0	1.0	5.0	12225.0	509.4
9	12550.0	486.0	31.0	1.0	6.0	12026.0	501.1	12650.0	463.0	34.0	1.0	6.0	12146.0	506.1
10	12420.0	465.0	31.0	1.0	5.5	11917.5	496.6	12550.0	462.0	35.0	1.0	5.5	12046.5	501.9
11	12410.0	476.0	30.0	1.0	5.5	11897.5	495.7	12170.0	461.0	35.0	1.0	5.5	11667.5	486.1
12	12740.0	503.0	31.0	1.0	5.0	12200.0	508.3	12820.0	498.0	32.0	1.0	5.0	12284.0	511.8
13	12510.0	144.0	42.0	1.0	5.5	12317.5	513.2	12590.0	490.0	33.0	1.0	5.5	12060.5	502.5
14	14570.0	870.0	22.0	1.0	5.0	13672.0	569.7	12640.0	497.0	36.0	1.0	5.0	12101.0	504.2
15	10620.0	509.0	31.0	1.0	5.0	10074.0	419.8	12690.0	495.0	34.0	1.0	5.0	12155.0	506.5
16	12620.0	511.0	32.0	1.0	6.0	12070.0	502.9	12720.0	499.0	33.0	1.0	6.0	12181.0	507.5
17	12760.0	508.0	36.0	1.5	5.5	12209.0	508.7	12800.0	495.0	32.0	1.5	5.5	12266.0	511.1
18	12680.0	511.0	31.0	1.0	5.5	12131.5	505.5	12760.0	498.0	33.0	1.0	5.5	12222.5	509.3
19	10640.0	489.0	34.0	1.0	5.5	10110.5	421.3	12630.0	496.0	32.0	1.0	5.5	12095.5	504.0
20	6890.0	418.0	34.0	1.0	5.5	6431.5	268.0	12620.0	498.0	34.0	1.0	5.5	12081.5	503.4
21	6700.0	404.0	28.0	1.5	5.5	6261.0	260.9	12590.0	498.0	35.0	1.5	5.5	12050.0	502.1
22	7630.0	428.0	52.0	1.0	5.0	7144.0	297.7	12580.0	497.0	34.0	1.0	5.0	12043.0	501.8
23	12640.0	519.0	24.0	1.0	5.5	12090.5	503.8	12630.0	498.0	33.0	1.0	5.5	12092.5	503.9
24	12700.0	518.0	34.0	1.5	1.0	12145.5	506.1	12610.0	499.0	34.0	1.5	1.0	12074.5	503.1
25	12450.0	507.0	37.0	1.0	10.5	11894.5	495.6	12560.0	497.0	35.0	1.0	10.5	12016.5	500.7
26	12530.0	510.0	38.0	1.0	5.5	11975.5	499.0	12550.0	499.0	34.0	1.0	5.5	12010.5	500.4
27	12520.0	509.0	40.0	1.0	5.5	11964.5	498.5	12520.0	499.0	35.0	1.0	5.5	11979.5	499.1
28	12520.0	507.0	39.0	1.0	5.5	11967.5	498.6	12540.0	499.0	36.0	1.0	5.5	11998.5	499.9
29	12500.0	508.0	36.0	1.0	5.5	11949.5	497.9	12540.0	499.0	36.0	1.0	5.5	11998.5	499.9
30	12470.0	507.0	38.0	1.0	5.5	11918.5	496.6	12480.0	498.0	38.0	1.0	5.5	11937.5	497.4
31	12500.0	508.0	36.0	1.0	5.0	11950.0	497.9	12510.0	499.0	38.0	1.0	5.0	11967.0	498.6

MONTHLY TOTALS - UNIT 1

Gross Generation: 370,830.0 MWhr
 Total Station Service: 16,500.5 MWhr
 Net Generation: 354,329.5 MWhr
 Average Daily Power: 476.3 MWe

MONTHLY TOTALS - UNIT 2

Gross Generation: 390,500.0 MWhr
 Total Station Service: 16,463.5 MWhr
 Net Generation: 374,036.5 MWhr
 Average Daily Power: 502.7 MWe

Shift Operation Data

July, 2001

Day	Hrs	Unit 1			Unit2			X08	X27	G05 Gen	G05 Aux
		Gen	X02	X04	Gen	X02	X04				
1	24	47083.0	10076.0	16039.0	40902.0	89444.0	53344.0	5980.0	8181.0	5621.0	4436.0
2	24	48357.0	10584.0	16069.0	42146.0	89947.0	53377.0	5982.0	8192.0	5621.0	4441.0
3	24	49616.0	11089.0	16100.0	43417.0	90448.0	53408.0	5984.0	8203.0	5621.0	4445.0
4	24	50783.0	11566.0	16131.0	44638.0	90918.0	53438.0	5986.0	8213.0	5621.0	4449.0
5	24	52034.0	12044.0	16161.0	45909.0	91383.0	53471.0	5988.0	8224.0	5621.0	4454.0
6	24	53296.0	12539.0	16192.0	47172.0	91864.0	53505.0	5989.0	8234.0	5621.0	4458.0
7	24	54565.0	13042.0	16222.0	48451.0	92354.0	53539.0	5992.0	8245.0	5621.0	4462.0
8	24	55830.0	13520.0	16254.0	49724.0	92820.0	53572.0	5994.0	8255.0	5621.0	4466.0
9	24	57085.0	14006.0	16285.0	50989.0	93283.0	53606.0	5996.0	8267.0	5621.0	4474.0
10	24	58327.0	14471.0	16316.0	52244.0	93745.0	53641.0	5998.0	8278.0	5623.0	4489.0
11	24	59568.0	14947.0	16346.0	53461.0	94206.0	53676.0	6000.0	8289.0	5623.0	4499.0
12	24	60842.0	15450.0	16377.0	54743.0	94704.0	53708.0	6002.0	8299.0	5623.0	4506.0
13	24	62093.0	15954.0	16419.0	56002.0	95194.0	53741.0	6004.0	8310.0	5623.0	4511.0
14	24	63350.0	16464.0	16441.0	57266.0	95691.0	53777.0	6006.0	8320.0	5623.0	4515.0
15	24	64612.0	16973.0	16472.0	58535.0	96186.0	53811.0	6008.0	8330.0	5623.0	4519.0
16	24	65874.0	17484.0	16504.0	59807.0	96685.0	53844.0	6010.0	8342.0	5623.0	4524.0
17	24	67150.0	17992.0	16540.0	61087.0	97180.0	53876.0	6013.0	8353.0	5623.0	4528.0
18	24	68418.0	18503.0	16571.0	62363.0	97678.0	53909.0	6015.0	8364.0	5623.0	4531.0
19	24	69482.0	18992.0	16605.0	63626.0	98174.0	53941.0	6017.0	8375.0	5623.0	4535.0
20	24	70171.0	19410.0	16639.0	64888.0	98672.0	53975.0	6019.0	8386.0	5623.0	4540.0
21	24	70841.0	19814.0	16667.0	66147.0	99170.0	54010.0	6022.0	8397.0	5623.0	4544.0
22	24	71604.0	20242.0	16719.0	67405.0	99667.0	54044.0	6024.0	8407.0	5623.0	4549.0
23	24	72868.0	20761.0	16743.0	68668.0	165.0	54077.0	6026.0	8418.0	5623.0	4554.0
24	24	74138.0	21279.0	16777.0	69929.0	664.0	54111.0	6029.0	8420.0	5623.0	4558.0
25	24	75383.0	21788.0	16814.0	71185.0	1161.0	54146.0	6031.0	8441.0	5623.0	4562.0
26	24	76636.0	22296.0	16852.0	72440.0	1660.0	54180.0	6033.0	8452.0	5623.0	4566.0
27	24	77888.0	22805.0	16892.0	73692.0	2159.0	54215.0	6035.0	8463.0	5623.0	4570.0
28	24	79140.0	23312.0	16931.0	74946.0	2658.0	54251.0	6037.0	8474.0	5623.0	4574.0
29	24	80390.0	23820.0	16967.0	76200.0	3157.0	54287.0	6039.0	8485.0	5623.0	4578.0
30	24	81637.0	24327.0	17005.0	77448.0	3655.0	54325.0	6041.0	8496.0	5623.0	4582.0
31	24	82887.0	24835.0	17041.0	78699.0	4154.0	54363.0	6043.0	8506.0	5623.0	4586.0