

NRC 2001-076

November 8, 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 October 2001.

Sincerely,



T. J. Webb
Site Licensing Director

KML

IE24

Attachments

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

Bcc:	R. A. Abdoo (WE)	D. E. Day	M. E. Reddemann	K. E. Peveler
	R. A. Anderson(NMC)	S. T. Moore	G. A. Charnoff	C. B. Jilek
	INPO Records Center	A. J. Cayia	R. G. Mende	McGraw-Hill Companies
	R. R. Grigg (WE)	R. M. Pederson	C. S. Smoker (NMC)	T. E. Ruiz
	D. F. Johnson(NMC)	T. W. Hanna	G. D. Strharsky	R. R. Winget
	D. A. Weaver (WE)	R. P. Pulec (KNPP)	RSL File (3)	File

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 11/06/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

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

NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):
N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745.0	7,296.0	271,631.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,216.4	222,145.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	745.0	6,148.9	218,630.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,086,078.0	8,980,663.0	311,813,618.0
17. GROSS ELECTRICAL ENERGY GENERATED	377,780.0	3,109,520.0	105,775,360.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	361,377.0	2,968,032.0	100,841,456.5
19. UNIT SERVICE FACTOR	100.0%	84.3%	80.5%
20. UNIT AVAILABILITY FACTOR	100.0%	84.3%	80.8%
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.1%	79.8%	75.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	94.2%	79.0%	74.5%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	4.5%

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

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH October - 2001

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 11/6/2001
 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	10/16/2001	F	0	F	5	N/A	EA	ELECON	The unit was taken to 70% power on October 15, at 1221 hours as specified in plant procedures relative to offsite grid stability issues. The unit returned to full power on October 17, 2001 at 2128.
2	10/23/2001	F	0	F	5	N/A	EA	ELECON	The unit was taken to 80% on October 23, at 0403 hours as specified in plant procedures relative to offsite grid stability issues. The unit returned to full power on October 25, 2001 at 0248.

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	11/05/2001
COMPLETED BY	K. M. Locke
TELEPHONE	920/755-6420

The daily power average for Unit 1 during October 2001 was 485.1 MWe.

There were no Licensee Event Reports (LER) submitted to the NRC during October 2001:

There was no major safety-related maintenance performed during October 2001.

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH OCTOBER - 2001

DOCKET NO. 50-266
UNIT NAME: Point Beach, Unit 1
DATE: 11/02/01
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>504</u>	11	<u>509</u>	21	<u>504</u>
2	<u>504</u>	12	<u>511</u>	22	<u>503</u>
3	<u>505</u>	13	<u>510</u>	23	<u>379</u>
4	<u>503</u>	14	<u>510</u>	24	<u>331</u>
5	<u>504</u>	15	<u>443</u>	25	<u>495</u>
6	<u>505</u>	16	<u>377</u>	26	<u>504</u>
7	<u>506</u>	17	<u>391</u>	27	<u>506</u>
8	<u>508</u>	18	<u>503</u>	28	<u>494</u>
9	<u>508</u>	19	<u>501</u>	29	<u>507</u>
10	<u>510</u>	20	<u>505</u>	30	<u>505</u>
				31	<u>494</u>

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 11/05/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

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

NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):
N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745.0	7,296.0	256,416.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	7,215.9	216,317.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	745.0	7,192.2	213,390.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,130,090.0	10,793,953.0	307,854,616.0
17. GROSS ELECTRICAL ENERGY GENERATED	397,700.0	3,763,230.0	104,954,340.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	380,638.0	3,602,498.0	100,043,031.5
19. UNIT SERVICE FACTOR	100.0%	98.6%	83.2%
20. UNIT AVAILABILITY FACTOR	100.0%	98.6%	83.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.8%	96.4%	79.6%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.2%	95.9%	78.2%
23. UNIT FORCED OUTAGE RATE	0.0%	1.4%	2.2%

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

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH October - 2001

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 11/6/2001
 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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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:
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 6 - Other (explain)

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 data entry sheets
 LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 11/05/2001
COMPLETED BY K.M. Locke
TELEPHONE 920/755-6420

The daily power average for Unit 2 during October 2001 was 510.9 MWe.

There were no Licensee Event Report (LER) submitted to the NRC during October 2001:

There was no major safety-related maintenance performed during October 2001.

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH OCTOBER - 2001

DOCKET NO. 50-301
UNIT NAME: Point Beach, Unit 2
DATE: 11/02/01
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>505</u>	11	<u>510</u>	21	<u>513</u>
2	<u>505</u>	12	<u>513</u>	22	<u>509</u>
3	<u>507</u>	13	<u>511</u>	23	<u>516</u>
4	<u>505</u>	14	<u>512</u>	24	<u>513</u>
5	<u>506</u>	15	<u>513</u>	25	<u>514</u>
6	<u>511</u>	16	<u>515</u>	26	<u>513</u>
7	<u>503</u>	17	<u>511</u>	27	<u>513</u>
8	<u>509</u>	18	<u>513</u>	28	<u>514</u>
9	<u>509</u>	19	<u>512</u>	29	<u>515</u>
10	<u>511</u>	20	<u>514</u>	30	<u>512</u>
				31	<u>513</u>

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

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	397,700.0	3,763,230.0	104,954,340.0
TOTAL STATION SERVICE	MWH	17,062.0	160,732.0	4,911,308.5
NET OUTPUT	MWH	380,638.0	3,602,498.0	100,043,031.5
AVG. GROSS GENERATION FOR MONTH	MWH	533.8	515.8	409.3
AVG. GROSS GENERATION RUNNING	MWH	533.8	523.2	491.8
TOTAL STATION SERVICE/GROSS GEN.	%	4.3%	4.3%	4.7%
HOURS OF GENERATION	HRS	745.0	7,192.2	213,390.2

<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.68%	33.38%	32.50%
NET PLANT HEAT RATE	BTU/KWH	10,132.2	10,225.4	10,501.8
NUMBER OF DAYS OF OPERATION	DAYS	31	301	9,029
UNIT NET CAPACITY FACTOR	%	99.8%	96.4%	79.6%
UNIT SERVICE FACTOR	%	100.0%	98.6%	83.2%
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%	1.4%	2.2%

<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	745.0	7,215.9	216,317.6
TOTAL HOURS POSSIBLE	HRS	745.0	7,296.0	256,416.0
INADVERTANT REACTOR TRIPS		0	2	50
DURATION OF REACTOR DOWN TIME	HRS	0.0	80.1	40,098.4
REACTOR CAPACITY FACTOR	%	99.9%	97.4%	79.1%
REACTOR SERVICE FACTOR	%	100.0%	98.9%	84.4%
THERMAL POWER GENERATED	MWTHR	1,130,090.0	10,793,953.0	307,854,616.0

THERMAL POWER GENERATED THIS FUEL CYCLE	MWTHR	11,167,723.0
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POINT BEACH NUCLEAR PLANT OPERATING SUMMARY REPORT
UNIT 1 - OCTOBER 2001

<u>ELECTRICAL</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
GROSS GENERATION	MWH	377,780.0	3,109,520.0	105,775,360.0
TOTAL STATION SERVICE	MWH	16,403.0	141,488.0	4,933,903.5
NET OUTPUT	MWH	361,377.0	2,968,032.0	100,841,456.5
AVG. GROSS GENERATION FOR MONTH	MWH	507.1	426.2	389.4
AVG. GROSS GENERATION RUNNING	MWH	507.1	505.7	483.8
TOTAL STATION SERVICE/GROSS GEN.	%	4.3%	4.6%	4.7%
HOURS OF GENERATION	HRS	745.0	6,148.9	218,630.0
<u>PLANT PERFORMANCE</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
NET PLANT EFFICIENCY	%	33.27%	33.05%	32.34%
NET PLANT HEAT RATE	BTU/KWH	10,256.6	10,326.3	10,552.6
NUMBER OF DAYS OF OPERATION	DAYS	31	293	9,991
UNIT NET CAPACITY FACTOR	%	95.1%	79.8%	75.9%
UNIT SERVICE FACTOR	%	100.0%	84.3%	80.5%
SCHEDULED OUTAGES		0	2	126
FORCED OUTAGES		0	0	73
FORCED OUTAGE HOURS	HRS	0.0	0.0	10,227.1
UNIT FORCED OUTAGE RATE	%	0.0%	0.0%	4.5%
<u>NUCLEAR</u>	<u>UNITS</u>	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
HOURS CRITICAL	HRS	745.0	6,216.4	222,145.8
TOTAL HOURS POSSIBLE	HRS	745.0	7,296.0	271,631.0
INADVERTANT REACTOR TRIPS		0	0	57
DURATION OF REACTOR DOWN TIME	HRS	0.0	1,079.6	49,569.2
REACTOR CAPACITY FACTOR	%	96.0%	81.1%	75.6%
REACTOR SERVICE FACTOR	%	100.0%	85.2%	81.8%
THERMAL POWER GENERATED	MWTHR	1,086,078.0	8,980,663.0	311,813,618.0

THERMAL POWER GENERATED THIS FUEL CYCLE MWTHR 5,508,948.0

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

BURNUP DATA IN MWD/MTU

	THIS PERIOD	TOTAL CYCLE 27	TOTAL
CYCLE AVERAGE	1024.	5193.	25631.
REGION AVERAGE			
126B	356.	1781.	37767.
127A	299.	1480.	42862.
127B	703.	3543.	43485.
128A	1220.	6261.	28178.
128B	1330.	6832.	26758.
129A	1369.	6859.	6859.
129B	1222.	6158.	6158.
CORE MWTHR	1086078.	5508948.	27189347.
DAYS IN PERIOD/CYCLE	31	171	
POWER FACTOR	96.1%	88.4%	* BASED ON NUMBER OF DAYS IN PERIOD OR CYCLE.
PROJECTED EOL BURNUP	15663.	14822.	* 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: DESIGN BURNUP IS THE END OF CYCLE BURNUP THAT WAS USED IN THE FINAL CORE DESIGN. TEN PPM BURNUP IS THE CORE AVERAGE BURNUP PROJECTED AT TEN PPM BORON BASED ON CURRENT BORON FOLLOW RESULTS.
BURNUP FOR CYCLE 27 (MWD/MTU)	16285.	16200.	
REMAINING EFFECTIVE FULL POWER DAYS	322.9	320.4	
FRACTION OF CYCLE LIFE EXPENDED	31.9%	32.1%	

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	9/17/2002	10/ 4/2002	10/22/2002	11/12/2002	12/ 6/2002	1/ 2/2003	2/ 1/2003	3/ 8/2003
DESIGN BURNUP DATE	9/19/2002	10/ 6/2002	10/25/2002	11/15/2002	12/ 9/2002	1/ 5/2003	2/ 5/2003	3/12/2003

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

BURNUP DATA IN MWD/MTU

	THIS PERIOD	TOTAL CYCLE 25	TOTAL
CYCLE AVERAGE	1058.	10458.	29613.
REGION AVERAGE			
223D	325.	2990.	46748.
224A	291.	2662.	37968.
225A	691.	6704.	35746.
225B	426.	4015.	41683.
226A	1127.	11141.	39351.
226B	1285.	12974.	36552.
227A	1372.	13464.	13464.
227B	1194.	11855.	11855.
CORE MWTHR	1130090.	11167723.	31623550.
DAYS IN PERIOD/CYCLE	31	319	
POWER FACTOR	100.1%	96.1%	* BASED ON NUMBER OF DAYS IN PERIOD OR CYCLE.
PROJECTED EOL BURNUP	16027.	15802.	* BASED ON DAYS REMAINING UNTIL REFUELING DATE ASSUMING PERIOD OR CYCLE POWER FACTOR

REFUELING SCHEDULE DATA

SCHEDULED REFUELING DATE 4/13/2002

	DESIGN	TEN PPM	NOTE: DESIGN BURNUP IS THE END OF CYCLE BURNUP THAT WAS USED IN THE FINAL CORE DESIGN. TEN PPM BURNUP IS THE CORE AVERAGE BURNUP PROJECTED AT TEN PPM BORON BASED ON CURRENT BORON FOLLOW RESULTS.
BURNUP FOR CYCLE 25 (MWD/MTU)	16660.	16660.	
REMAINING EFFECTIVE FULL POWER DAYS	181.7	181.7	
FRACTION OF CYCLE LIFE EXPENDED	62.8%	62.8%	

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	5/11/2002	5/21/2002	6/ 2/2002	6/16/2002	7/ 1/2002	7/18/2002	8/ 7/2002
DESIGN BURNUP DATE	5/ 1/2002	5/11/2002	5/21/2002	6/ 2/2002	6/16/2002	7/ 1/2002	7/18/2002	8/ 7/2002

POINT BEACH SHIFT OPERATIONAL DATA SUMMARY

October, 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	12630.0	496.0	39.0	0.5	4.5	12090.0	503.8		12660.0	505.0	39.0	0.5	4.5	12111.0	504.6	
2	12650.0	508.0	36.0	1.0	4.0	12101.0	504.2		12680.0	516.0	37.0	1.0	4.0	12122.0	505.1	
3	12660.0	508.0	37.0	0.5	4.0	12110.5	504.6		12700.0	497.0	40.0	0.5	4.0	12158.5	506.6	
4	12630.0	507.0	36.0	1.0	4.5	12081.5	503.4		12660.0	504.0	40.0	1.0	4.5	12110.5	504.6	
5	12640.0	507.0	36.0	0.5	4.5	12092.0	503.8		12690.0	506.0	39.0	0.5	4.5	12140.0	505.8	
6	12670.0	506.0	36.0	1.0	4.5	12122.5	505.1		12820.0	506.0	42.0	1.0	4.5	12266.5	511.1	
7	12700.0	506.0	34.0	1.0	4.5	12154.5	506.4		12620.0	507.0	41.0	1.0	4.5	12066.5	502.8	
8	12730.0	509.0	35.0	0.5	4.5	12181.0	507.5		12770.0	508.0	38.0	0.5	4.5	12219.0	509.1	
9	12740.0	508.0	38.0	1.0	5.5	12187.5	507.8		12770.0	508.0	39.0	1.0	5.5	12216.5	509.0	
10	12780.0	510.0	36.0	1.0	5.0	12228.0	509.5		12820.0	510.0	39.0	1.0	5.0	12265.0	511.0	
11	12770.0	508.0	35.0	1.0	4.5	12221.5	509.2		12800.0	507.0	39.0	1.0	4.5	12248.5	510.4	
12	12810.0	509.0	36.0	0.5	4.5	12260.0	510.8		12860.0	509.0	38.0	0.5	4.5	12308.0	512.8	
13	12780.0	508.0	34.0	1.0	4.0	12233.0	509.7		12810.0	508.0	38.0	1.0	4.0	12259.0	510.8	
14	12800.0	509.0	36.0	0.5	3.5	12251.0	510.5		12830.0	509.0	38.0	0.5	3.5	12279.0	511.6	
15	11130.0	470.0	34.0	1.0	4.5	10620.5	442.5		12850.0	508.0	35.0	1.0	4.5	12301.5	512.6	
16	9530.0	454.0	27.0	0.5	5.0	9043.5	376.8		12870.0	509.0	0.0	0.5	5.0	12355.5	514.8	
17	9880.0	456.0	32.0	1.0	5.5	9385.5	391.1		12810.0	508.0	35.0	1.0	5.5	12260.5	510.9	
18	12600.0	486.0	33.0	1.0	5.5	12074.5	503.1		12870.0	509.0	38.0	1.0	5.5	12316.5	513.2	
19	12550.0	479.0	38.0	1.0	5.5	12026.5	501.1		12830.0	509.0	35.0	1.0	5.5	12279.5	511.6	
20	12620.0	477.0	28.0	0.5	5.5	12109.0	504.5		12890.0	508.0	38.0	0.5	5.5	12338.0	514.1	
21	12620.0	476.0	36.0	0.5	5.5	12102.0	504.2		12860.0	507.0	36.0	0.5	5.5	12311.0	513.0	
22	12600.0	477.0	35.0	1.0	5.5	12081.5	503.4		12770.0	506.0	37.0	1.0	5.5	12220.5	509.2	
23	9580.0	453.0	33.0	0.5	5.5	9088.0	378.7		12940.0	508.0	37.0	0.5	5.5	12389.0	516.2	
24	8440.0	453.0	33.0	0.5	5.5	7948.0	331.2		12870.0	506.0	37.0	0.5	5.5	12321.0	513.4	
25	12390.0	475.0	32.0	1.0	5.5	11876.5	494.9		12880.0	508.0	38.0	1.0	5.5	12327.5	513.6	
26	12620.0	482.0	33.0	1.0	5.5	12098.5	504.1		12870.0	507.0	38.0	1.0	5.5	12318.5	513.3	
27	12660.0	478.0	36.0	1.0	5.0	12140.0	505.8		12870.0	506.0	38.0	1.0	5.0	12320.0	513.3	
28	12890.0	497.0	36.0	1.0	5.0	12351.0	494.0		13420.0	527.0	37.0	1.0	5.0	12850.0	514.0	
29	12680.0	479.0	36.0	0.5	6.0	12158.5	506.6		12900.0	508.0	37.0	0.5	6.0	12348.5	514.5	
30	12630.0	478.0	37.0	1.0	5.5	12108.5	504.5		12850.0	507.0	41.0	1.0	5.5	12295.5	512.3	
31	12370.0	478.0	35.0	0.5	5.5	11851.0	493.8		12860.0	506.0	33.0	0.5	5.5	12315.0	513.1	

MONTHLY TOTALS - UNIT 1

Gross Generation: 377,780.0 MWhr
Total Station Service: 16,403.0 MWhr
Net Generation: 361,377.0 MWhr
Average Daily Power: 485.1 MWe

MONTHLY TOTALS - UNIT 2

Gross Generation: 397,700.0 MWhr
Total Station Service: 17,062.0 MWhr
Net Generation: 380,638.0 MWhr
Average Daily Power: 510.9 MWe

Shift Operation Data

October, 2001

Unit2											
Unit 1		Gen	X02	X04	Gen	X02	X04	X08	X27	G05 Gen	G05 Aux
Day	Hrs										
1	24	41021.0	49605.0	20875.0	56972.0	35313.0	56753.0	6161.0	9158.0	5674.0	4958.0
2	24	42286.0	50113.0	20911.0	58240.0	35829.0	56790.0	6163.0	9166.0	5674.0	4962.0
3	24	43552.0	50621.0	20948.0	59510.0	36326.0	56830.0	6164.0	9174.0	5674.0	4966.0
4	24	44815.0	51128.0	20984.0	60776.0	36830.0	56870.0	6166.0	9183.0	5674.0	4971.0
5	24	46079.0	51635.0	21020.0	62045.0	37336.0	56909.0	6167.0	9192.0	5674.0	4978.0
6	24	47346.0	52141.0	21056.0	63327.0	37842.0	56951.0	6169.0	9201.0	5674.0	4988.0
7	24	48616.0	52647.0	21090.0	64589.0	38349.0	56992.0	6171.0	9210.0	5674.0	4997.0
8	24	49889.0	53156.0	21125.0	65866.0	38857.0	57030.0	6172.0	9219.0	5674.0	5004.0
9	24	51163.0	53664.0	21163.0	67143.0	39365.0	57069.0	6174.0	9230.0	5674.0	5009.0
10	24	52441.0	54174.0	21199.0	68425.0	39875.0	57108.0	6176.0	9240.0	5674.0	5015.0
11	24	53718.0	54682.0	21234.0	69705.0	40382.0	57147.0	6178.0	9249.0	5674.0	5021.0
12	24	54999.0	55191.0	21270.0	70991.0	40891.0	57185.0	6179.0	9258.0	5674.0	5027.0
13	24	56277.0	55699.0	21304.0	72272.0	41399.0	57223.0	6181.0	9266.0	5674.0	5032.0
14	24	57557.0	56208.0	21340.0	73555.0	41908.0	57261.0	6182.0	9273.0	5674.0	5037.0
15	24	58670.0	56678.0	21374.0	74840.0	42416.0	57296.0	6184.0	9282.0	5674.0	5043.0
16	24	59623.0	57132.0	21401.0	76127.0	42925.0	57296.0	6185.0	9292.0	5674.0	5051.0
17	24	60611.0	57588.0	21433.0	77408.0	43433.0	57331.0	6187.0	9303.0	5674.0	5060.0
18	24	61871.0	58074.0	21466.0	78695.0	43942.0	57369.0	6189.0	9314.0	5674.0	5067.0
19	24	63126.0	58553.0	21504.0	79978.0	44451.0	57404.0	6191.0	9325.0	5674.0	5073.0
20	24	64388.0	59030.0	21532.0	81267.0	44959.0	57442.0	6192.0	9336.0	5674.0	5079.0
21	24	65650.0	59506.0	21568.0	82553.0	45466.0	57478.0	6193.0	9347.0	5674.0	5085.0
22	24	66910.0	59983.0	21603.0	83830.0	45972.0	57515.0	6195.0	9358.0	5674.0	5091.0
23	24	67868.0	60436.0	21636.0	85124.0	46480.0	57552.0	6196.0	9369.0	5674.0	5096.0
24	24	68712.0	60889.0	21669.0	86411.0	46986.0	57589.0	6197.0	9380.0	5674.0	5102.0
25	24	69951.0	61364.0	21701.0	87699.0	47494.0	57627.0	6199.0	9391.0	5674.0	5114.0
26	24	71213.0	61846.0	21734.0	88986.0	48001.0	57665.0	6201.0	9402.0	5674.0	5128.0
27	24	72479.0	62324.0	21770.0	90273.0	48507.0	57703.0	6203.0	9412.0	5674.0	5139.0
28	25	73768.0	62821.0	21806.0	91615.0	49034.0	57740.0	6205.0	9422.0	5674.0	5149.0
29	24	75036.0	63300.0	21842.0	92905.0	49542.0	57777.0	6206.0	9434.0	5674.0	5157.0

30	24	76299.0	63778.0	21879.0	94190.0	50049.0	57818.0	6208.0	9445.0	5674.0	5166.0
31	24	77536.0	64256.0	21914.0	95476.0	50555.0	57851.0	6209.0	9456.0	5674.0	5174.0