

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH July, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

7/ 1/89	671
7/ 2/89	667
7/ 3/89	666
7/ 4/89	666
7/ 5/89	665
7/ 6/89	666
7/ 7/89	665
7/ 8/89	668
7/ 9/89	665
7/10/89	662
7/11/89	661
7/12/89	662
7/13/89	664
7/14/89	666
7/15/89	666
7/16/89	662
7/17/89	662
7/18/89	664
7/19/89	667
7/20/89	668
7/21/89	669
7/22/89	675
7/23/89	675
7/24/89	673
7/25/89	677
7/26/89	673
7/27/89	670
7/28/89	634
7/29/89	361
7/30/89	640
7/31/89	659

8908240043 890815  
PDR ADOCK 05000250  
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# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 8/15/89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: JULY, 1989
3. LICENSED THERMAL POWER (MWT): 2200
4. NAMEPLATE RATING (GROSS MWE): 760
5. DESIGN ELECTRICAL RATING (NET MWE): 693
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 666
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

## MONTHLY -YTD- CUMULATIVE

11. HOURS IN REPORT PERIOD: _____	744	5087	146000.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	2142.5	95526.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	744.0	2049.6	94206.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1611920	4253837	195447586
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	511720	1367960	62630486
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	487384	1273844	59204388
19. UNIT SERVICE FACTOR _____	100.0	40.3	64.5
20. UNIT AVAILABILITY FACTOR _____	100.0	40.3	64.6
21. CAPACITY FACTOR (USING MDC NET) _____	98.4	37.6	62.1
22. CAPACITY FACTOR (USING DER NET) _____	94.5	36.1	58.5
23. UNIT FORCED OUTAGE RATE _____	0.0	33.7	13.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
07	890728	S	0.0	B	5	N/A	HA	TURBIN	Unit 3 reduced power to perform a turbine valve test. Full power operation was resumed.

1  
F Forced  
S Scheduled

2  
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)

3  
Method  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Continued  
5 - Load Reduction  
9 - Other (Explain)

4  
Exhibit G- Instructions  
for Preparation of Data  
Entry Scheets Licensee  
Event Report (LER) File  
(NUREG-0161)

5  
Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

Unit 3 reduced power to perform a turbine valve test.

Full power operation was resumed.





AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH July, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

7/ 1/89	647
7/ 2/89	660
7/ 3/89	658
7/ 4/89	666
7/ 5/89	666
7/ 6/89	667
7/ 7/89	670
7/ 8/89	664
7/ 9/89	667
7/10/89	667
7/11/89	665
7/12/89	528
7/13/89	141
7/14/89	601
7/15/89	666
7/16/89	663
7/17/89	114
7/18/89	-14
7/19/89	-14
7/20/89	-13
7/21/89	-19
7/22/89	278
7/23/89	644
7/24/89	665
7/25/89	665
7/26/89	663
7/27/89	666
7/28/89	673
7/29/89	669
7/30/89	670
7/31/89	670

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 8/15/89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: JULY, 1989
3. LICENSED THERMAL POWER (MWT): 2200
4. NAMEPLATE RATING (GROSS MWE): 760
5. DESIGN ELECTRICAL RATING (NET MWE): 693
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 666
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7)  
 SINCE LAST REPORT, GIVE REASONS: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: _____	744	5087	139732.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	645.7	1207.6	91444.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	621.5	963.2	88157.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1313314	1728900	185811320
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	411090	528950	59277752
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	388961	472406	56055665
19. UNIT SERVICE FACTOR _____	83.5	18.9	63.1
20. UNIT AVAILABILITY FACTOR _____	83.5	18.9	63.1
21. CAPACITY FACTOR (USING MDC NET) _____	78.5	13.9	61.5
22. CAPACITY FACTOR (USING DER NET) _____	75.4	13.4	57.9
23. UNIT FORCED OUTAGE RATE _____	16.5	20.5	11.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4.

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
17	890712	F	0.0	B	5	N/A	HA	VALVEX	The unit reduced power to perform a turbine valve test and to backwash the intake and turbine plant cooling water strainers.
18	890713	F	1.0	A	1	N/A	HA	VALVEX	The unit was shutdown to repair a turbine stop valve problem, which was identified during turbine valve testing. Return to full power was delayed for secondary chemistry control.
19	890717	F	121.5	A	1	251-89-06	WE	VALVEX	Unit 4 was taken off-line to repair the intake cooling water valve 308. Full power operation was delayed for secondary chemistry.

1

F Forced  
S Scheduled

2

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)

3

Method  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Continued  
5 - Load Reduction  
9 - Other (Explain)

4

Exhibit G-Instructions  
for Preparation of Data  
Entry Scheets Licensee  
Event Report (LER) File  
(NUREG-0161)

5

Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO: 50-251

UNIT Turkey Point #4

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

The unit reduced power to perform a turbine valve test and to backwash the intake and turbine plant cooling water strainers.

Unit 4 was shutdown to repair a turbine stop valve problem. Return to full power was delayed for secondary chemistry control.

The unit was taken off line to repair Intake Cooling Water Valve 308. Full power operation was delayed for secondary chemistry.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH July, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

7/ 1/89	-6
7/ 2/89	-4
7/ 3/89	-4
7/ 4/89	-4
7/ 5/89	-4
7/ 6/89	-4
7/ 7/89	-4
7/ 8/89	-4
7/ 9/89	-4
7/10/89	-4
7/11/89	-4
7/12/89	-5
7/13/89	-8
7/14/89	-10
7/15/89	-14
7/16/89	-29
7/17/89	-18
7/18/89	587
7/19/89	647
7/20/89	710
7/21/89	708
7/22/89	732
7/23/89	870
7/24/89	869
7/25/89	870
7/26/89	865
7/27/89	860
7/28/89	864
7/29/89	868
7/30/89	868
7/31/89	864





# OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 8/15/89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

## OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JULY, 1989
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 872
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: \_\_\_\_\_
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) \_\_\_\_\_
10. REASONS FOR RESTRICTIONS, IF ANY: \_\_\_\_\_

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: _____	744	5087	110543.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	345.0	4636.6	83735.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	338.1	4629.2	83008.4
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	849129	12326992	213348179
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	283710	4140620	70259215
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	264949	3928122	66379652
19. UNIT SERVICE FACTOR _____	45.4	91.0	75.1
20. UNIT AVAILABILITY FACTOR _____	45.4	91.0	75.1
21. CAPACITY FACTOR (USING MDC NET) _____	42.4	92.0	74.6
22. CAPACITY FACTOR (USING DER NET) _____	42.9	93.0	73.4
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	3.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335

UNIT NAME St. Lucie #1

DATE August 15, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH July, 1989

TELEPHONE (407) 694-4432

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
02	890628	S	405.9	B	4	N/A	CC	HTEXCH	Unit 1 downpowered and came offline for steam generator tube plug repair and replacement. (Re: NRC Bulletin 89-01). Return to full power operation was delayed for minor repairs and calibrations..

1  
F Forced  
S Scheduled

2  
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)

3  
Method  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Continued  
5 - Load Reduction  
9 - Other (Explain)

4  
Exhibit G- Instructions  
for Preparation of Data  
Entry Scheets Licensee  
Event Report (LER) File  
(NUREG-0161)

5  
Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

Unit 1 downpowered and came offline for steam generator tube plugging repair and replacement. Return to full power operation was delayed for minor repairs and calibrations.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report period.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH July, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

7/ 1/89	855
7/ 2/89	857
7/ 3/89	857
7/ 4/89	857
7/ 5/89	857
7/ 6/89	855
7/ 7/89	856
7/ 8/89	859
7/ 9/89	858
7/10/89	857
7/11/89	856
7/12/89	855
7/13/89	859
7/14/89	859
7/15/89	855
7/16/89	857
7/17/89	856
7/18/89	857
7/19/89	856
7/20/89	855
7/21/89	855
7/22/89	855
7/23/89	854
7/24/89	851
7/25/89	841
7/26/89	849
7/27/89	847
7/28/89	853
7/29/89	855
7/30/89	856
7/31/89	854





# OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 8/15/89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

## OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2  
 2. REPORTING PERIOD: JULY, 1989  
 3. LICENSED THERMAL POWER (MWT): 2700  
 4. NAMEPLATE RATING (GROSS MWE): 850  
 5. DESIGN ELECTRICAL RATING (NET MWE): 830  
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 882  
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839  
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:  
 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)  
 10. REASONS FOR RESTRICTIONS, IF ANY:

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	744	5087	52440.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3046.0	44588.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	2961.4	43783.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2008521	7803981	114287651
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	670000	2605610	38102450
18. NET ELECTRICAL ENERGY GENERATED (MWH)	636095	2455420	36030313
19. UNIT SERVICE FACTOR	100.0	58.2	83.5
20. UNIT AVAILABILITY FACTOR	100.0	58.2	83.5
21. CAPACITY FACTOR (USING MDC NET)	101.9	57.5	83.7
22. CAPACITY FACTOR (USING DER NET)	103.0	58.2	83.6
23. UNIT FORCED OUTAGE RATE	0.0	1.2	5.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389

UNIT NAME St. Lucie #2

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									Unit 2 had no shutdowns or significant power reductions.

**1**  
F Forced  
S Scheduled

**2**  
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)

**3**  
Method  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Continued  
5 - Load Reduction  
9 - Other (Explain)

**4**  
Exhibit G-Instructions  
for Preparation of Data  
Entry Sheets Licensee  
Event Report (LER) File  
(NUREG-0161)

**5**  
Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE August 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH July, 1989

Unit 2 had no shutdowns or significant power reductions.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report period.

