

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE March 14, 1986
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH February, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

2/ 1/86	704
2/ 2/86	701
2/ 3/86	699
2/ 4/86	688
2/ 5/86	688
2/ 6/86	689
2/ 7/86	651
2/ 8/86	321
2/ 9/86	565
2/10/86	686
2/11/86	375
2/12/86	8
2/13/86	458
2/14/86	649
2/15/86	698
2/16/86	696
2/17/86	694
2/18/86	692
2/19/86	694
2/20/86	690
2/21/86	689
2/22/86	686
2/23/86	681
2/24/86	679
2/25/86	685
2/26/86	694
2/27/86	692
2/28/86	692

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 PDR ADOCK 05000250
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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 3/13/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: FEBRUARY 1986
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): ----- 700
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: -----	672	1416	116025.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	644.6	1154.5	80232.1
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE -----	642.1	1134.8	79541.6
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1349846	2416425	164621946
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	443190	793070	52664615
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	421114	750235	49859816
19. UNIT SERVICE FACTOR -----	95.6	80.1	68.6
20. UNIT AVAILABILITY FACTOR -----	95.6	80.1	68.7
21. CAPACITY FACTOR (USING MDC NET) -----	94.1	79.6	66.1
22. CAPACITY FACTOR (USING DER NET) -----	90.4	76.5	62.0
23. UNIT FORCED OUTAGE RATE -----	4.4	19.9	7.2
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

REPORT MONTH March, 1986

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 3-14-86
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
03	860211	F	29.9	G	3	250-86-06	1A	INSTRU	As a result of a procedure with inadequate guidance a reactor trip occurred while clearing a construction activity related inadvertent containment insulation and high pressure signal. Following a review of the event and performance of necessary testing the unit returned to power operation.

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-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

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

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point Unit #3</u>
DATE	<u>March 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH February, 1986

See the 'unit shutdowns and power reductions" report.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point 4
 DATE March 14, 1986
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

MONTH February, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

2/ 1/86	-1
2/ 2/86	-1
2/ 3/86	-1
2/ 4/86	-1
2/ 5/86	-1
2/ 6/86	-1
2/ 7/86	-1
2/ 8/86	-1
2/ 9/86	0
2/10/86	-1
2/11/86	-1
2/12/86	0
2/13/86	-1
2/14/86	-1
2/15/86	-1
2/16/86	0
2/17/86	0
2/18/86	0
2/19/86	0
2/20/86	-1
2/21/86	0
2/22/86	0
2/23/86	0
2/24/86	0
2/25/86	0
2/26/86	0
2/27/86	0
2/28/86	0

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 3/13/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: FEBRUARY 1986
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): ----- 700
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: -----	672	1416	109757.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	0.0	225.4	77860.6
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE -----	0.0	225.1	75320.2
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	0	440167	159477896
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	0	139235	50781807
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	-984	129483	48090691
19. UNIT SERVICE FACTOR -----	0.0	15.9	68.6
20. UNIT AVAILABILITY FACTOR -----	0.0	15.9	68.7
21. CAPACITY FACTOR (USING MDC NET) -----	0.0	13.7	67.4
22. CAPACITY FACTOR (USING DER NET) -----	0.0	13.2	63.2
23. UNIT FORCED OUTAGE RATE -----	0	0	6.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : -----			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 5/7/86

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1986

DOCKET NO. 50-251
 UNIT NAME Turkey Point Unit 4
 DATE 3-14-86
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3576

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
02	860110	S	672.0	C	4		RC	FUELXX	Unit #4 remained shutdown for re-fueling and scheduled maintenance.

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-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

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

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point Unit #4</u>
DATE	<u>March 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH February, 1986

Unit #4 was shutdown for refueling and scheduled maintenance.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie Unit 1
DATE March 14, 1986
COMPLETED BY N.W. Grant
TELEPHONE (305)552-3675

MONTH February, 1986

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

2/ 1/86	862
2/ 2/86	862
2/ 3/86	860
2/ 4/86	861
2/ 5/86	861
2/ 6/86	393
2/ 7/86	813
2/ 8/86	859
2/ 9/86	857
2/10/86	859
2/11/86	863
2/12/86	864
2/13/86	865
2/14/86	867
2/15/86	866
2/16/86	865
2/17/86	864
2/18/86	864
2/19/86	865
2/20/86	863
2/21/86	862
2/22/86	863
2/23/86	862
2/24/86	855
2/25/86	858
2/26/86	866
2/27/86	866
2/28/86	865

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 3/13/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: FEBRUARY 1986
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): 827
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:	672	1416	80568.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	663.6	1407.6	57563.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	661.1	1403.6	57205.7
15. UNIT RESERVE SHUTDOWN HOURS	0	0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1773239	3736950	14462921
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	596690	1260400	4731690
18. NET ELECTRICAL ENERGY GENERATED (MWH)	567109	1197903	44631695
19. UNIT SERVICE FACTOR	98.4	99.1	71.0
20. UNIT AVAILABILITY FACTOR	98.4	99.1	71.1
21. CAPACITY FACTOR (USING MDC NET)	102.0	102.3	69.5
22. CAPACITY FACTOR (USING DER NET)	101.7	101.9	68.0
23. UNIT FORCED OUTAGE RATE	1.6	.8	4.3
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

REPORT MONTH February, 1986

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit #1
 DATE 3-14-86
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
01	860206	F	10.9	A	3	335-86-02	1A	CKTBRK	While at full power, an automatic reactor trip occurred during the monthly Reactor Protection System (RPS), Logic Matrix Test. A failed RPS relay trip select switch allowed a logic matrix relay to de-energize out of sequence causing the trip. The switch was replaced and the unit returned to power.

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-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

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

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>March 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH February, 1986

See the "unit shutdowns and power reductions" report.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie Unit 2
DATE March 14, 1986
COMPLETED BY N.W. Grant
TELEPHONE (305)552-3676

MONTH February, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

2/ 1/86	852
2/ 2/86	846
2/ 3/86	831
2/ 4/86	854
2/ 5/86	855
2/ 6/86	855
2/ 7/86	856
2/ 8/86	856
2/ 9/86	854
2/10/86	855
2/11/86	859
2/12/86	858
2/13/86	858
2/14/86	860
2/15/86	859
2/16/86	858
2/17/86	859
2/18/86	859
2/19/86	858
2/20/86	857
2/21/86	855
2/22/86	857
2/23/86	856
2/24/86	856
2/25/86	842
2/26/86	847
2/27/86	864
2/28/86	865

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 3/13/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: FEBRUARY 1986
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): 837
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: -----	672	1416	22465.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	672.0	1400.2	19449.1
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE -----	672.0	1383.5	18955.8
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1806646	3698089	48344622
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	605310	1240990	16147670
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	574584	1176689	15247732
19. UNIT SERVICE FACTOR -----	100.0	97.7	84.4
20. UNIT AVAILABILITY FACTOR -----	100.0	97.7	84.4
21. CAPACITY FACTOR (USING MDC NET) -----	102.2	99.3	84.4
22. CAPACITY FACTOR (USING DER NET) -----	103.0	100.1	83.5
23. UNIT FORCED OUTAGE RATE -----	0	2.3	10.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING, MARCH 29, 1986, 7 WEEKS -----			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1986

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit #2
 DATE 3-14-86
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report ⁴	System Code ⁴	Component Code ⁵	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-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

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

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie Unit #2
DATE March 14, 1986
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH February, 1986

Unit #2 operated at essentially full power and had no "unit shutdowns and power reductions".

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



50-250
50-251

MAR 17 1986

L-86-110

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Attached are the February 1986 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,

A handwritten signature in cursive script, appearing to read "C. O. Woody".

C. O. Woody
Group Vice President
Nuclear Energy

JWW/NWG:am

Attachment

cc: Dr. J. Nelson Grace
Harold F. Reis, Esquire
PNS-LI-86-110

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