

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH January, 1986

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1/ 1/86	491
1/ 2/86	689
1/ 3/86	686
1/ 4/86	687
1/ 5/86	685
1/ 6/86	694
1/ 7/86	616
1/ 8/86	-12
1/ 9/86	-10
1/10/86	-9
1/11/86	-11
1/12/86	-11
1/13/86	-11
1/14/86	-19
1/15/86	-5
1/16/86	660
1/17/86	701
1/18/86	699
1/19/86	699
1/20/86	700
1/21/86	701
1/22/86	701
1/23/86	702
1/24/86	702
1/25/86	349
1/26/86	-23
1/27/86	-23
1/28/86	580
1/29/86	705
1/30/86	708
1/31/86	705

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PDR ADOCK 05000250
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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 2/14/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: JANUARY 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: -----	744	744	115353.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	509.8	509.8	79587.5
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE -----	492.6	492.6	78899.5
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1066580	1066580	163272101
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) --	349880	349880	52221425
18. NET ELECTRICAL ENERGY GENERATED (MWH) ---	329121	329121	49438702
19. UNIT SERVICE FACTOR -----	66.2	66.2	68.4
20. UNIT AVAILABILITY FACTOR -----	66.2	66.2	68.5
21. CAPACITY FACTOR (USING MDC NET) -----	66.4	66.4	65.9
22. CAPACITY FACTOR (USING DER NET) -----	63.8	63.8	61.8
23. UNIT FORCED OUTAGE RATE -----	33.8	33.8	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 January, 1986

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 2-14-86
 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	860101	F	0.0	A	5		HC	HTEXCH	Upon indication of high conductivity, power was reduced to 50 percent to check for a condenser leakage. As a result of this inspection four tubes were plugged. The unit then returned to full power operation.
02	860107	F	190.5	A	1	250-85-01	SH	VALVEX	Following a review of radiographs three auxillary feedwater steam supply stop check valves were declared out of service due to broken guide studs. The studs had failed due to high cycle fatigue. The valves were repaired and tested and the unit returned to full 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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1986

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit 3
 DATE 2/14/86
 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
3	860125	F	60.9	H	1	250-85-04	ZZ	ZZZZZZ	<p>The unit was shutdown in accordance with Technical Specifications due to the identification of debris in two emergency containment coolers. As a conservative measure the coolers were administratively declared inoperable.</p> <p>The debris was apparently placed in the coolers during a unit outage. During the start up from this outage a main steam isolation valve had to be repaired which delayed the return. Following the repairs, the unit came on line and resumed full power operation.</p>

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

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 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>February 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH January 1985

See the "unit shutdowns and power reductions" report.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point 4

DATE February 14, 1986

COMPLETED BY N.W. Grant

TELEPHONE (305)552-3675

MONTH January, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1/ 1/86	688
1/ 2/86	686
1/ 3/86	683
1/ 4/86	270
1/ 5/86	285
1/ 6/86	617
1/ 7/86	685
1/ 8/86	682
1/ 9/86	685
1/10/86	210
1/11/86	-11
1/12/86	-2
1/13/86	-2
1/14/86	-2
1/15/86	-2
1/16/86	-2
1/17/86	-1
1/18/86	-1
1/19/86	-1
1/20/86	-1
1/21/86	-1
1/22/86	-1
1/23/86	-1
1/24/86	-1
1/25/86	-1
1/26/86	-1
1/27/86	-1
1/28/86	-1
1/29/86	-1
1/30/86	-1
1/31/86	-1

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 2/14/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: JANUARY 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: -----	744	744	109085.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	225.4	225.4	77860.6
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE -----	225.1	225.1	75320.2
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	440167	440167	159477896
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	139235	139235	50781807
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	130467	130467	48091675
19. UNIT SERVICE FACTOR -----	30.3	30.3	69.0
20. UNIT AVAILABILITY FACTOR -----	30.3	30.3	69.1
21. CAPACITY FACTOR (USING MDC NET) -----	26.3	26.3	67.8
22. CAPACITY FACTOR (USING DER NET) -----	25.3	25.3	63.6
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: 5/8/86

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
 UNIT NAME Turkey Point Unit #4
 DATE 2-14-86
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

REPORT MONTH January, 1986

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	860104	F	0.0	A	5	251-86-02	RB	CONROD	Power was reduced as a result of two turbine runbacks. The runbacks were caused by the dropping of a rod cluster into the core. The two drops of the control rod resulted from a faulty stationary gripper coil.
02	860110	S	518.9	C	1		RC	FUELXX	The unit shutdown for refueling 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. 50-251
UNIT Turkey Point Unit #4
DATE Februay 14, 1986
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

REPORT MONTH January, 1986

Unit #4 was shutdown for refueling and scheduled maintenance.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-325
UNIT St. Lucie Unit 1
DATE February 14, 1986
COMPLETED BY H.W. Grant
TELEPHONE (305)552-3675

MONTH January, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1/ 1/86	464
1/ 2/86	837
1/ 3/86	855
1/ 4/86	859
1/ 5/86	859
1/ 6/86	862
1/ 7/86	862
1/ 8/86	860
1/ 9/86	862
1/10/86	863
1/11/86	862
1/12/86	863
1/13/86	863
1/14/86	864
1/15/86	863
1/16/86	862
1/17/86	861
1/18/86	860
1/19/86	859
1/20/86	859
1/21/86	861
1/22/86	862
1/23/86	851
1/24/86	861
1/25/86	862
1/26/86	862
1/27/86	864
1/28/86	866
1/29/86	868
1/30/86	864
1/31/86	863

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 2/14/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JANUARY 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: -----	744	744	79896.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	744.0	744.0	56900.0
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE -----	742.5	742.5	56544.6
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1963711	1963711	142855978
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	663710	663710	46720215
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	630794	630794	44064586
19. UNIT SERVICE FACTOR -----	99.8	99.8	70.8
20. UNIT AVAILABILITY FACTOR -----	99.8	99.8	70.8
21. CAPACITY FACTOR (USING MDC NET) -----	102.5	102.5	69.3
22. CAPACITY FACTOR (USING DER NET) -----	102.1	102.1	67.7
23. UNIT FORCED OUTAGE RATE -----	0	0	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 January, 1986

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit #1
 DATE 2-14-86
 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
05	851228	F	1.5	A	4	-	CJ	VALVEX	(...Continued from Dec. 85 report) The unit continued a shutdown to repair a pressurizer code safety valve and leaking PORV then was 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
 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>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>February 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH January, 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 February 14, 1986

COMPLETED BY N.W. Grant

TELEPHONE (305)552-3676

MONTH January, 1986

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1/ 1/86	857
1/ 2/86	859
1/ 3/86	858
1/ 4/86	859
1/ 5/86	857
1/ 6/86	849
1/ 7/86	283
1/ 8/86	518
1/ 9/86	855
1/10/86	853
1/11/86	426
1/12/86	854
1/13/86	857
1/14/86	857
1/15/86	775
1/16/86	855
1/17/86	856
1/18/86	855
1/19/86	854
1/20/86	854
1/21/86	853
1/22/86	854
1/23/86	854
1/24/86	854
1/25/86	854
1/26/86	855
1/27/86	854
1/28/86	855
1/29/86	857
1/30/86	857
1/31/86	853

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 2/14/86
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JANUARY 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: -----	744	744	21793.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	728.2	728.2	18777.1
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE -----	711.5	711.5	18283.8
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1891444	1891444	46537977
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	635680	635680	15542360
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	602105	602105	14673148
19. UNIT SERVICE FACTOR -----	95.6	95.6	83.9
20. UNIT AVAILABILITY FACTOR -----	95.6	95.6	83.9
21. CAPACITY FACTOR (USING MDC NET) -----	96.7	96.7	83.8
22. CAPACITY FACTOR (USING DER NET) -----	97.5	97.5	82.8
23. UNIT FORCED OUTAGE RATE -----	4.4	4.4	10.6
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

REPORT MONTH January, 1986

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit #2
 DATE 2-14-86
 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	860107	F	10.1	A	2	LER 389-86-1	HA	TURBIN	The unit was tripped to repair a leak in the generator cooling housing. The leak was repaired and the unit was returned to the grid.
02	860107	F	12.4	G	3	LER 389-86-1	RC	FUELXX	During power ascent, the unit tripped on Local Power Density due to Axial Shape Index (ASI) oscillations. The core was near the end of core life and is experiencing ASI oscillations. The oscillations subsided and the unit was returned to power.
03	860111	F	10.0	B	3	LER 389-86-2	HA	TURBIN	The unit tripped due to a personnel error while performing the weekly turbine overspeed trip mechanism test. The resulting turbine trip cause a reactor trip. The unit was subsequently 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
 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>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>February 14, 1986</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH January, 1986

See the "unit shutdowns and power reductions" report.

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



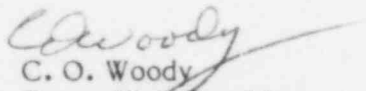
February 14, 1986
L-86-67

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

Dear Sir:

Attached are the January 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,


C. O. Woody
Group Vice President
Nuclear Energy

JWW/NWG:am

Attachment

cc: Dr. J. Nelson Grace
Harold F. Reis, Esquire
PNS-LI-86-51

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