

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE 9/13/85
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

MONTH August, 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/ 1/85	15
8/ 2/85	37
8/ 3/85	611
8/ 4/85	666
8/ 5/85	665
8/ 6/85	666
8/ 7/85	665
8/ 8/85	667
8/ 9/85	661
8/10/85	668
8/11/85	669
8/12/85	667
8/13/85	670
8/14/85	676
8/15/85	678
8/16/85	526
8/17/85	677
8/18/85	678
8/19/85	673
8/20/85	675
8/21/85	677
8/22/85	684
8/23/85	685
8/24/85	686
8/25/85	688
8/26/85	687
8/27/85	688
8/28/85	688
8/29/85	691
8/30/85	686
8/31/85	686

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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 9/11/85
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: AUGUST 1985
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	5831	111680.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	717.3	3012.6	76685.4
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE -----	709.0	2864.5	76043.6
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1524164	6064925	157194436
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	491651	1982350	50238045
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	466961	1863970	47561176
19. UNIT SERVICE FACTOR -----	95.3	49.1	68.1
20. UNIT AVAILABILITY FACTOR -----	95.3	49.1	68.2
21. CAPACITY FACTOR (USING MDC NET) -----	94.2	48.0	65.6
22. CAPACITY FACTOR (USING DER NET) -----	90.6	46.1	61.5
23. UNIT FORCED OUTAGE RATE -----	4.7	11.1	6.6
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 August, 1985

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 9/13/85
 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
12	850729	F	13.6	A	4	250-85-22	IA	INSTRU	Unit #3 tripped during performance of reactor protection system testing. The cause is not known, but suspected to be a soil contact on one NIS channel. Following detailed testing of the circuits and repair of a reactor coolant system valve, the unit returned to power operation.
13	850801	F	21.5	A	3	250-85-23	EB	GENERA	A reactor trip occurred due to failure of an instrument inverter which caused the "A" steam generator level to increase to the High High level set point. This tripped the turbine which resulted in a reactor trip. The inverter was repaired and later replaced.

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 August, 1985

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 9-13-85
 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
14	850816	S	0.0	A	5		EB	TRANSF	Unit #3 reduced power for repairs to the main transformer cooling fan wiring. The unit then 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-Automatic 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). (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>September 13, 1985</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH August, 1985

See the "Unit shutdowns and power reduction: report."

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point 4
 DATE 9/13/85
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

MONTH August, 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/ 1/85	649
8/ 2/85	652
8/ 3/85	650
8/ 4/85	656
8/ 5/85	653
8/ 6/85	653
8/ 7/85	652
8/ 8/85	654
8/ 9/85	651
8/10/85	654
8/11/85	649
8/12/85	650
8/13/85	655
8/14/85	664
8/15/85	668
8/16/85	667
8/17/85	664
8/18/85	662
8/19/85	660
8/20/85	105
8/21/85	-9
8/22/85	-3
8/23/85	-2
8/24/85	-2
8/25/85	-7
8/26/85	-11
8/27/85	-19
8/28/85	577
8/29/85	666
8/30/85	668
8/31/85	672

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 9/11/85
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: AUGUST 1985
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	5831	105412.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	559.0	5171.4	74889.7
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	556.0	5122.2	72362.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	31.2
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1202485	10994586	153124692
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	382575	3538565	48730962
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	362168	3359039	46142320
19. UNIT SERVICE FACTOR _____	74.7	87.8	68.6
20. UNIT AVAILABILITY FACTOR _____	74.7	87.8	68.7
21. CAPACITY FACTOR (USING MDC NET) _____	73.1	86.5	67.4
22. CAPACITY FACTOR (USING DER NET) _____	70.2	83.1	63.2
23. UNIT FORCED OUTAGE RATE _____	25.3	10.3	6.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING, 1/86, 11 TO 12 WEEKS. _____			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1985

DOCKET NO. 50-251
 UNIT NAME Turkey Point Unit #4
 DATE 9-13-85
 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
18	850820	F	188.0	A	3	251-85-21	EB	GENERA	The Unit had a turbine runback due to a drop rod. This resulted in a steam generator high level that tripped the turbine generator which in turn tripped the reactor. Repairs were made and the unit was 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. 50-251

UNIT Turkey Point Unit #4

DATE September 13, 1985

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

REPORT MONTH August, 1985

See the "Unit shutdowns and power reduction" report.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie Unit 1
 DATE 9/13/85
 COMPLETED BY H.W. Grant
 TELEPHONE (305)552-3675

MONTH August, 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/ 1/85	809
8/ 2/85	747
8/ 3/85	847
8/ 4/85	837
8/ 5/85	833
8/ 6/85	837
8/ 7/85	839
8/ 8/85	788
8/ 9/85	746
8/10/85	845
8/11/85	842
8/12/85	840
8/13/85	840
8/14/85	838
8/15/85	839
8/16/85	840
8/17/85	842
8/18/85	841
8/19/85	841
8/20/85	841
8/21/85	828
8/22/85	823
8/23/85	839
8/24/85	839
8/25/85	842
8/26/85	845
8/27/85	846
8/28/85	845
8/29/85	841
8/30/85	842
8/31/85	846

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 9/11/85
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: AUGUST 1985
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	5831	76223.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5827.0	54848.3
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	5824.0	54557.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1975243	15512299	137649835
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	651830	5158470	45017125
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	618436	4897845	42460193
19. UNIT SERVICE FACTOR _____	100.0	99.9	71.6
20. UNIT AVAILABILITY FACTOR _____	100.0	99.9	71.6
21. CAPACITY FACTOR (USING MDC NET) _____	100.5	101.8	70.1
22. CAPACITY FACTOR (USING DER NET) _____	100.1	101.2	68.5
23. UNIT FORCED OUTAGE RATE _____	0	.1	4.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING, 10-20-85, 10 WEEKS _____			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1985

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit #1
 DATE 9-13-85
 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
									Unit #1 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.	<u>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>September 13, 1985</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH August, 1985

Unit #1 operated at essentially full power and had no "Unit Shutdowns and Power Reductions."

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 9/13/85
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3676

MONTH August, 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/ 1/85	778
8/ 2/85	824
8/ 3/85	853
8/ 4/85	842
8/ 5/85	844
8/ 6/85	845
8/ 7/85	848
8/ 8/85	59
8/ 9/85	-9
8/10/85	-4
8/11/85	-3
8/12/85	-3
8/13/85	-4
8/14/85	-17
8/15/85	-9
8/16/85	-10
8/17/85	-18
8/18/85	-9
8/19/85	-8
8/20/85	-8
8/21/85	-10
8/22/85	-28
8/23/85	-31
8/24/85	-23
8/25/85	-16
8/26/85	-8
8/27/85	-8
8/28/85	-8
8/29/85	-9
8/30/85	-7
8/31/85	-6

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 9/11/85
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/552/3675

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: AUGUST 1985
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	5831	18120.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	172.4	4999.9	15606.1
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE -----	170.1	4950.5	15151.1
15. UNIT RESERVE SHUTDOWN HOURS -----	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	450021	12859122	38217687
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	149440	4314700	12764400
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	134715	4081758	12044170
19. UNIT SERVICE FACTOR -----	22.9	84.9	83.6
20. UNIT AVAILABILITY FACTOR -----	22.9	84.9	83.6
21. CAPACITY FACTOR (USING MDC NET) -----	21.6	85.6	83.5
22. CAPACITY FACTOR (USING DER NET) -----	21.8	85.3	82.1
23. UNIT FORCED OUTAGE RATE -----	77.1	11.2	9.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING, 2/85, 7 WEEKS -----			
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 9/7/85			

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1985

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit #2
 DATE 9-13-85
 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
11	850808	F	351.8	A	3	389-85-008	ZZ	ZZZZZZ	Unit #2 reactor tripped due to a safe-guard actuation and an incorrectly sized fuse. PORV's actuated momentarily. Reactor cooling pump seal problem resulted. The seals were replaced and the unit was returned to power operation.
12	850822	F	222.1	A	2		ZZ	ZZZZZZ	Unit #2 reactor shutdown due to reactor coolant pump lower bearing vibration, oil fire, problem with oil lift system and motor replacement. Unit down at the end of month.

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>September 13, 1985</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH August, 1985

See the "Unit shutdowns and Power reductions" Report.

In accordance with requirements of Technical Specification 6.9.1.6, there were challenges to PORV or safety valves during the report month as follows:

- Loss of power to the Engineered Safety Feature Actuation Signal System Relays caused Safety Injection Containment Isolation and Main Steam Isolation resulting in a Reactor Trip. Reactor Coolant System pressure increase actuated the pressurizer Power Operated Relief Valve for less than one second. See Event #11
- PORV actuations were caused by manually controlling the Reactor Coolant System pressure near the PORV setpoint due to Personnel error. See Event #11



September 13, 1985
L-85- 362

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

Dear Sir:

Attached are the August 1985 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 "J. W. Williams, Jr.", written in dark ink.

J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/NWG:dkw

Attachment

cc: Dr. J. Nelson Grace
Harold F. Reis, Esquire
PNS-LI-85-316/1

IE24
11