

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point. Unit 3
 DATE December 15, 1987
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 694-4432

MONTH November, 1987

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

11/ 1/87	-9
11/ 2/87	-9
11/ 3/87	-9
11/ 4/87	-9
11/ 5/87	-10
11/ 6/87	-6
11/ 7/87	-5
11/ 8/87	-5
11/ 9/87	-5
11/10/87	-5
11/11/87	-5
11/12/87	-6
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11/30/87	-6

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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 12/14/87
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: NOVEMBER 1987
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: _____	720	8016	131385.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	1747.4	87813.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	0.0	1426.5	86693.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	2831092	179676499
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	928210	57563061
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-5074	833099	54455739
19. UNIT SERVICE FACTOR _____	0.0	17.8	66.0
20. UNIT AVAILABILITY FACTOR _____	0.0	17.8	66.1
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	15.6	63.6
22. CAPACITY FACTOR (USING DER NET) _____	0.0	15.0	59.8
23. UNIT FORCED OUTAGE RATE _____	100.0	62.9	10.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : _____			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/17/87

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE December 15, 1987
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 694-4432

REPORT MONTH November, 1987

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
08	870925	F	720.0	A	1	250-87-30	CF	PUMPXX	Unit #3 remained shutdown to repair various items including cabling for the 3A RHR pump motor and containment purge valve. A design modification to the RHR pump recirculating lines was also performed to correct a potential inadequacy in the common minimum recirculation piping design.

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.	<u>50-250</u>
UNIT	<u>Turkey Point Unit #3</u>
DATE	<u>December 15, 1987</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 694-4432</u>

REPORT MONTH November 1987

See the "Unit Shutdowns and Power Reductions" report.

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
UNIT Turkey Point Unit 4
DATE December 15, 1987
COMPLETED BY N.W. Grant
TELEPHONE (305) 694-4432

MONTH November, 1987

DAY AVERAGE DAILY POWER LEVEL
(M We-Net)

11/ 1/87	-3
11/ 2/87	-3
11/ 3/87	-3
11/ 4/87	-2
11/ 5/87	-2
11/ 6/87	-3
11/ 7/87	-4
11/ 8/87	-4
11/ 9/87	-4
11/10/87	-4
11/11/87	-3
11/12/87	-2
11/13/87	-1
11/14/87	-2
11/15/87	-2
11/16/87	-2
11/17/87	-2
11/18/87	-2
11/19/87	-3
11/20/87	-3
11/21/87	-4
11/22/87	-5
11/23/87	-5
11/24/87	-5
11/25/87	-3
11/26/87	-2
11/27/87	-2
11/28/87	-5
11/29/87	-12
11/30/87	-17



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OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 12/14/87
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: NOVEMBER 1987
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: _____	720	8016	125117.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	3809.8	84493.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	0.0	3654.0	81541.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	7328088	172091676
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	2366350	54851198
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-3353	2210026	51892738
19. UNIT SERVICE FACTOR _____	0.0	45.6	65.2
20. UNIT AVAILABILITY FACTOR _____	0.0	45.6	65.2
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	41.4	63.6
22. CAPACITY FACTOR (USING DER NET) _____	0.0	39.8	59.8
23. UNIT FORCED OUTAGE RATE _____	100.0	54.4	10.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : _____			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/4/87

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
 UNIT NAME Turkey Point Unit #4 :
 DATE December 15, 1987
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 694-4432

REPORT MONTH November 1987

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	871012	F	720.0	H	1		XX	VALVEX	Unit #4 was shutdown for repairs of miscellaneous items including a leaking PORV, the C accumulator Isolation Valve, and the RHR heat exchanger bypass flow control valve. A design modification to the RHR pump recirculating lines was also performed to correct a potential inadequacy in the common minimum recirculation piping design.

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.	<u>50-251</u>
UNIT	<u>Turkey Point Unit #4</u>
DATE	<u>December 15, 1987</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 694-4432</u>

REPORT MONTH November 1987

See the "Unit Shutdowns and Power Reductions" report.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie Unit 1

DATE December 15, 1987

COMPLETED BY N.W. Grant

TELEPHONE (305) 694-4432

MONTH November, 1987

DAY AVERAGE DAILY POWER LEVEL
(M We-Net)

11/ 1/87	859
11/ 2/87	860
11/ 3/87	858
11/ 4/87	860
11/ 5/87	858
11/ 6/87	859
11/ 7/87	858
11/ 8/87	861
11/ 9/87	860
11/10/87	859
11/11/87	854
11/12/87	857
11/13/87	857
11/14/87	857
11/15/87	855
11/16/87	848
11/17/87	849
11/18/87	847
11/19/87	847
11/20/87	819
11/21/87	787
11/22/87	863
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OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 12/14/87
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: NOVEMBER 1987
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: _____	720	8016	95928.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	6233.7	70806.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	720.0	6079.0	70234.6
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1937190	16155399	179374590
17. GROSS ELECTRICAL ENERGY GERERATED (MWH) _____	647140	5377920	58863065
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	614715	5088109	55573932
19. UNIT SERVICE FACTOR _____	100.0	75.8	73.2
20. UNIT AVAILABILITY FACTOR _____	100.0	75.8	73.3
21. CAPACITY FACTOR (USING MDC NET) _____	101.8	75.7	72.2
22. CAPACITY FACTOR (USING DER NET) _____	102.9	76.5	70.9
23. UNIT FORCED OUTAGE RATE _____	0	5.1	4.1
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 Unit #1

DATE December 15, 1987

COMPLETED BY N. W. Grant

TELEPHONE (305) 694-4432

REPORT MONTH November 1987

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".

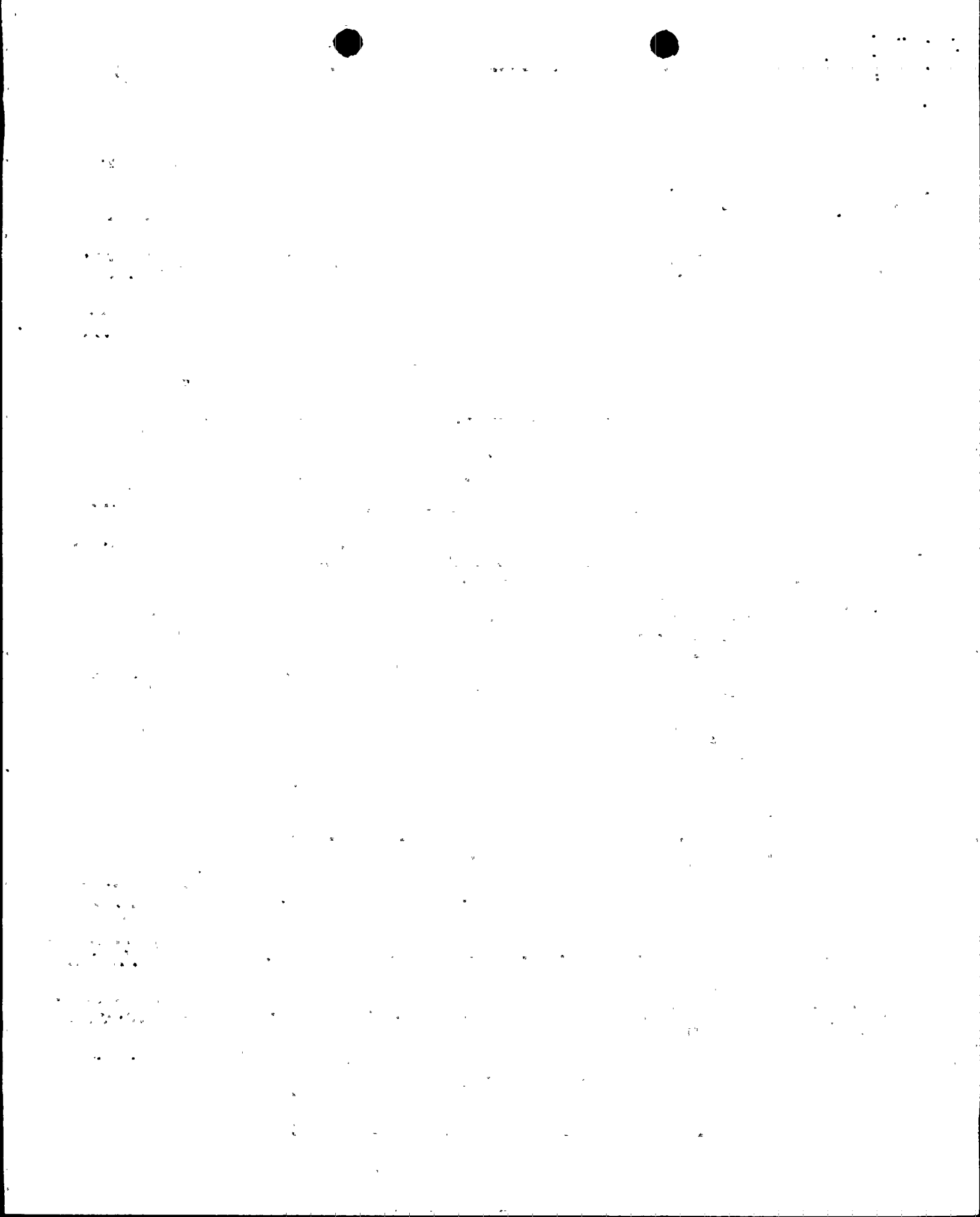
1
F Forced
S Scheduled

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 - 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. 50-335

UNIT St. Lucie Unit #1

DATE December 15, 1987

COMPLETED BY N. W. Grant

TELEPHONE (305) 694-4432

REPORT MONTH November 1987

Unit #1 operated at essentially full power and had no "Unit Shutdowns or significant 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.

100

100

100

100

100

100

100

100

100

100

100

100

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie Unit 2
DATE December 15, 1987
COMPLETED BY N.W. Grant
TELEPHONE (305) 694-4432

MONTH November, 1987

DAY AVERAGE DAILY POWER LEVEL
(M We-Net)

11/ 1/87	-4
11/ 2/87	-4
11/ 3/87	-4
11/ 4/87	-4
11/ 5/87	-3
11/ 6/87	-3
11/ 7/87	-3
11/ 8/87	-3
11/ 9/87	-3
11/10/87	-3
11/11/87	-5
11/12/87	-6
11/13/87	-7
11/14/87	-7
11/15/87	-8
11/16/87	-11
11/17/87	-7
11/18/87	-6
11/19/87	-17
11/20/87	-27
11/21/87	-31
11/22/87	-27
11/23/87	-31
11/24/87	83
11/25/87	366
11/26/87	-26
11/27/87	-16
11/28/87	-21
11/29/87	-27
11/30/87	-25

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 12/14/87
 COMPLETED BY N. W. GRANT
 TELEPHONE 305/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: NOVEMBER 1987
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: _____	720	8016	37825.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	104.4	6640.9	32016.5
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	44.9	6477.9	31305.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0	0	0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	44019	17046286	81084187
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	12610	5652230	27046380
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	2005	5341510	25559114
19. UNIT SERVICE FACTOR _____	6.2	80.8	82.8
20. UNIT AVAILABILITY FACTOR _____	6.2	80.8	82.8
21. CAPACITY FACTOR (USING MDC NET) _____	0.3	79.4	82.6
22. CAPACITY FACTOR (USING DER NET) _____	0.3	80.3	82.4
23. UNIT FORCED OUTAGE RATE _____	93.8	11.2	8.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : _____			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/3/87

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389

UNIT NAME St. Lucie Unit 2

DATE December 15, 1987

COMPLETED BY N. W. Grant

TELEPHONE (305) 694-4432

REPORT MONTH November 1987

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
10	871002	S	543.1	C	1		RC	FUELXX	Unit 2 was shutdown for refueling and scheduled maintenance.
11	871123	F	9.5	A	1		HA	GENERA	The turbine tripped due to high back pressure, and generator off line due to field breaker problems, repairs were made and the Unit returned to power.
12	871125	F	120.5	A	1		HA	GENERA	The Unit tripped on loss of load due to Primary generator lockout resulting from loss of excitation. The #9 bearing failed which resulted in damage to the permanent magnet generator. Repairs were made 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 - 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.	<u>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>December 15, 1987</u>
COMPLETED BY	<u>N. W. Grant</u>
TELEPHONE	<u>(305) 694-4432</u>

REPORT MONTH November 1987

See the unit "Shutdown 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.

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