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 50-250 Turkey Point Plant, Unit 3, Florida Power and Light Co 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light Co 05000251
 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME AUTHOR AFFILIATION
 BONNETT, D.M. Florida Power & Light Co.
 CONWAY, W.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1988 for Turkey Point Units 3 & 4 & St. Lucie Units 1 & 2. W/890117 Ltr.

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Monthly Rpt

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie #1
 DATE January 16, 1989
 COMPLETED BY D. M. Bonett
 TELEPHONE (407) 694-4432

MONTH December, 1988

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

12/ 1/88	865
12/ 2/88	868
12/ 3/88	870
12/ 4/88	870
12/ 5/88	869
12/ 6/88	869
12/ 7/88	869
12/ 8/88	867
12/ 9/88	863
12/10/88	859
12/11/88	832
12/12/88	714
12/13/88	715
12/14/88	722
12/15/88	721
12/16/88	722
12/17/88	722
12/18/88	735
12/19/88	871
12/20/88	877
12/21/88	877
12/22/88	874
12/23/88	874
12/24/88	873
12/25/88	873
12/26/88	874
12/27/88	875
12/28/88	874
12/29/88	871
12/30/88	871
12/31/88	870

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OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 1/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: DECEMBER 1988
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	8784	105456.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7554.3	79098.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	744.0	7409.5	78379.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1938835	19673517	201021187
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	654790	6595010	66118595
18. NET ELECTRICAL ENERGY GENERATED (MWH)	621739	6250363	62451530
19. UNIT SERVICE FACTOR	100.0	84.4	74.3
20. UNIT AVAILABILITY FACTOR	100.0	84.4	74.4
21. CAPACITY FACTOR (USING MDC NET)	99.6	84.8	73.7
22. CAPACITY FACTOR (USING DER NET)	100.7	85.7	72.5
23. UNIT FORCED OUTAGE RATE	0.0	1.6	3.8
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 January 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1988

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 operated at essentially full power and 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 Scheets Licensee
Event Report (LER) File
(NUREG-0161)

5

Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit #1</u>
DATE	<u>January 16, 1989</u>
COMPLETED BY	<u>D. M. Bonett</u>
TELEPHONE	<u>(407) 694-4432</u>

REPORT MONTH December, 1988

St. Lucie Unit #1 operated at essentially full power and 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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE January 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH December, 1988

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

12/ 1/88	857
12/ 2/88	858
12/ 3/88	859
12/ 4/88	859
12/ 5/88	859
12/ 6/88	859
12/ 7/88	861
12/ 8/88	860
12/ 9/88	858
12/10/88	856
12/11/88	858
12/12/88	858
12/13/88	859
12/14/88	859
12/15/88	861
12/16/88	860
12/17/88	860
12/18/88	861
12/19/88	860
12/20/88	861
12/21/88	860
12/22/88	859
12/23/88	856
12/24/88	854
12/25/88	855
12/26/88	856
12/27/88	857
12/28/88	857
12/29/88	854
12/30/88	853
12/31/88	852

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 1/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: DECEMBER 1988
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	8784	47353.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8784.0	41542.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	8784.0	40821.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2009108	23487030	106483670
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	672220	7808180	35496840
18. NET ELECTRICAL ENERGY GENERATED (MWH)	638326	7407105	33574893
19. UNIT SERVICE FACTOR	100.0	100.0	86.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.2
21. CAPACITY FACTOR (USING MDC NET)	102.3	100.5	86.6
22. CAPACITY FACTOR (USING DER NET)	103.4	101.6	86.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING; SCHEDULED FOR 83 DAYS BEGINNING 2/4/89			

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 Unit #2

DATE January 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1988

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 #2 operated at essentially full power and 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.	<u>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>January 16, 1989</u>
COMPLETED BY	<u>D. M. Bonett</u>
TELEPHONE	<u>(407) 694-4432</u>

REPORT MONTH December, 1988

St. Lucie Unit #2 operated at essentially full power and 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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point #3
 DATE January 16, 1989
 COMPLETED BY D. M. Bonett
 TELEPHONE (407) 694-4432

MONTH December, 1988

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

12/ 1/88	-8
12/ 2/88	-11
12/ 3/88	-12
12/ 4/88	-13
12/ 5/88	-13
12/ 6/88	-13
12/ 7/88	-13
12/ 8/88	-13
12/ 9/88	-13
12/10/88	-13
12/11/88	-13
12/12/88	-13
12/13/88	-13
12/14/88	-13
12/15/88	-13
12/16/88	-13
12/17/88	-13
12/18/88	-13
12/19/88	-22
12/20/88	-21
12/21/88	-17
12/22/88	-16
12/23/88	-16
12/24/88	-16
12/25/88	-16
12/26/88	-15
12/27/88	-14
12/28/88	-14
12/29/88	-14
12/30/88	-14
12/31/88	-14

OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 1/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: DECEMBER 1988
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	8784	140913.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	5408.1	93383.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	0.0	5322.3	92157.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	11389486	191193749
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	3664525	61262526
18. NET ELECTRICAL ENERGY GENERATED (MWH)	-11168	3451758	57930544
19. UNIT SERVICE FACTOR	0.0	60.6	65.4
20. UNIT AVAILABILITY FACTOR	0.0	60.6	65.5
21. CAPACITY FACTOR (USING MDC NET)	0.0	59.0	63.0
22. CAPACITY FACTOR (USING DER NET)	0.0	56.7	59.3
23. UNIT FORCED OUTAGE RATE	100.0	39.4	12.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 01/15/89

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point Unit #3

DATE January 16, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH December, 1988

TELEPHONE (407) 694-4432

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	881001	F	230.2	A	4		HA	GENERA	Unit #3 remained shutdown for electrical generator rotor replacement.
11	881210	F	481.8	F	4		ZZ	ZZZZZZ	Procedure and drawing revisions.
12	881230	F	32	A	4		WA	PIPEXX	ICW 3A and 3B flange repairs.

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>January 16, 1989</u>
COMPLETED BY	<u>D. M. Bonett</u>
TELEPHONE	<u>(407) 694-4432</u>

REPORT MONTH December, 1988

See the "Unit Shutdowns and Power Reductions" Sheet for Unit #3.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point #4
 DATE January 16, 1989
 COMPLETED BY D. H. Bonett
 TELEPHONE (407) 694-4432

MONTH December, 1988

DAY AVERAGE DAILY POWER LEVEL (M We-Met)

12/ 1/88	0
12/ 2/88	0
12/ 3/88	0
12/ 4/88	0
12/ 5/88	0
12/ 6/88	0
12/ 7/88	0
12/ 8/88	0
12/ 9/88	0
12/10/88	0
12/11/88	0
12/12/88	0
12/13/88	0
12/14/88	0
12/15/88	0
12/16/88	0
12/17/88	0
12/18/88	0
12/19/88	0
12/20/88	0
12/21/88	0
12/22/88	0
12/23/88	0
12/24/88	0
12/25/88	0
12/26/88	0
12/27/88	0
12/28/88	0
12/29/88	0
12/30/88	0
12/31/88	0

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 1/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: DECEMBER 1988
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	8784	134645.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	5050.1	90236.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	0.0	4988.0	87194.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	10626797	184082420
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	3449038	58748802
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-877	3264477	55583259
19. UNIT SERVICE FACTOR _____	0.0	56.8	64.8
20. UNIT AVAILABILITY FACTOR _____	0.0	56.8	64.8
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	55.8	63.3
22. CAPACITY FACTOR (USING DER NET) _____	0.0	53.6	59.6
23. UNIT FORCED OUTAGE RATE _____	0.0	19.7	11.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 03/24/89

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point Unit #4

DATE January 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1988

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
13	880920	S	744	C	4		RC	FUELXX	Unit #4 remained 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 - 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>January 16, 1989</u>
COMPLETED BY	<u>D. M. Bonett</u>
TELEPHONE	<u>(407) 694-4432</u>

REPORT MONTH December, 1988

Unit #4 remained shutdown for refueling and scheduled maintenance.



FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

JANUARY 17 1989

L-89-15
10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

RE: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Attached are the December 1988 Operating Status Reports and Summary of Operating Experience Reports for Turkey Point Units 3 and 4, and St. Lucie Units 1 and 2.

Very truly yours,

W. F. Conway
Senior Vice President - Nuclear

WFC/DMB

Attachments

cc: Malcolm L. Ernst, Acting Regional Administrator, Region II,
USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant
Senior Resident Inspector, USNRC, St. Lucie Plant

IE24
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