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 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 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

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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Mar 1989. W/890414 1tr.

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APRIL 14 1989

L-89-147
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 March 1989 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: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant
Senior Resident Inspector, USNRC, St. Lucie Plant

IF 24
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point #3
 DATE April 17, 1989
 COMPLETED BY D. M. Bonett
 TELEPHONE (407) 694-4432

MONTH March, 1989

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

3/ 1/89	692
3/ 2/89	682
3/ 3/89	680
3/ 4/89	679
3/ 5/89	678
3/ 6/89	679
3/ 7/89	684
3/ 8/89	693
3/ 9/89	702
3/10/89	709
3/11/89	708
3/12/89	702
3/13/89	695
3/14/89	690
3/15/89	687
3/16/89	683
3/17/89	621
3/18/89	293
3/19/89	387
3/20/89	633
3/21/89	682
3/22/89	680
3/23/89	678
3/24/89	678
3/25/89	676
3/26/89	674
3/27/89	674
3/28/89	674
3/29/89	539
3/30/89	-19
3/31/89	-19

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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 4/11/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: MARCH 1989
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	2160	143073.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	692.5	1231.2	94614.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	692.2	1154.4	93311.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1461857	2394053	193587802
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	476310	780140	62042666
18. NET ELECTRICAL ENERGY GENERATED (MWH)	453398	726462	58657006
19. UNIT SERVICE FACTOR	93.0	53.4	65.2
20. UNIT AVAILABILITY FACTOR	93.0	53.4	65.3
21. CAPACITY FACTOR (USING MDC NET)	91.5	50.5	62.8
22. CAPACITY FACTOR (USING DER NET)	87.9	48.5	59.2
23. UNIT FORCED OUTAGE RATE	0.0	42.4	13.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 05/07/89

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE April 17, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH March, 1989

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	890317	F	0.0	A	5		HF	FILTER	Unit #3 was reduced to approximately 40% power for traveling screen inspection and 3B2 traveling screen repair.
03	890319	F	0.0	A	5		SF	INSTRU	The load reduction was further extended for repair of the ECCS Accumulator Level Transmitter, LT-3-296. Following the repair the unit returned to full power operation.
04	890329	S	51.8	H	1		ZZ	ZZZZZZ	Unit #3 was voluntarily shutdown to allow for RCCO Requalification Exams for Licensed Operators.

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. 50-250
UNIT Turkey Point #3
DATE April 17, 1989
COMPLETED BY D. M. Bonett
TELEPHONE (407) 694-4432

REPORT MONTH March, 1989

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 April 17, 1989
COMPLETED BY D. H. Bonett
TELEPHONE (407) 694-4432

MONTH March, 1989

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

3/ 1/89	-1
3/ 2/89	-1
3/ 3/89	-1
3/ 4/89	-1
3/ 5/89	-1
3/ 6/89	-1
3/ 7/89	-1
3/ 8/89	-1
3/ 9/89	-1
3/10/89	-1
3/11/89	-1
3/12/89	-1
3/13/89	-1
3/14/89	-1
3/15/89	-1
3/16/89	-1
3/17/89	-1
3/18/89	-1
3/19/89	-1
3/20/89	-1
3/21/89	-1
3/22/89	-1
3/23/89	-1
3/24/89	-1
3/25/89	-1
3/26/89	-1
3/27/89	-1
3/28/89	-1
3/29/89	-1
3/30/89	-1
3/31/89	-1

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 4/11/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: MARCH 1989
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	2160	136805.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	0.0	0.0	90236.6
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE -----	0.0	0.0	87194.1
15. UNIT RESERVE SHUTDOWN HOURS -----	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	0	0	184082420
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	0	0	58748802
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	-1483	-3684	55579575
19. UNIT SERVICE FACTOR -----	0.0	0.0	63.7
20. UNIT AVAILABILITY FACTOR -----	0.0	0.0	63.8
21. CAPACITY FACTOR (USING MDC NET) -----	0.0	0.0	62.3
22. CAPACITY FACTOR (USING DER NET) -----	0.0	0.0	58.6
23. UNIT FORCED OUTAGE RATE -----	0.0	0.0	11.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 04/30/89



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE April 17, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH March, 1989

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
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. 50-251

UNIT Turkey Point #4

DATE April 17, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH March, 1989

Unit #4 remained shutdown for refueling and scheduled maintenance.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE April 17, 1989
COMPLETED BY D. M. Bonett
TELEPHONE (407) 694-4432

MONTH March, 1989

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

3/ 1/89	870
3/ 2/89	870
3/ 3/89	869
3/ 4/89	867
3/ 5/89	866
3/ 6/89	866
3/ 7/89	866
3/ 8/89	867
3/ 9/89	871
3/10/89	874
3/11/89	874
3/12/89	874
3/13/89	871
3/14/89	872
3/15/89	868
3/16/89	863
3/17/89	858
3/18/89	858
3/19/89	855
3/20/89	855
3/21/89	852
3/22/89	852
3/23/89	850
3/24/89	847
3/25/89	844
3/26/89	838
3/27/89	768
3/28/89	717
3/29/89	752
3/30/89	871
3/31/89	870

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 4/11/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: MARCH 1989
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	2160	107616.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	2160.0	81258.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	2160.0	80539.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1987159	5765129	206786316
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	666870	1944530	68063125
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	633410	1847796	64299326
19. UNIT SERVICE FACTOR _____	100.0	100.0	74.8
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	74.9
21. CAPACITY FACTOR (USING MDC NET) _____	101.5	102.0	74.3
22. CAPACITY FACTOR (USING DER NET) _____	102.6	103.1	73.1
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	3.7
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 April 17, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH March, 1989

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
									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 Sheets Licensee
Event Report (LER) File
(NUREG-0161)

5
Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE April 17, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH March, 1989

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 April 17, 1989
 COMPLETED BY D. M. Bonett
 TELEPHONE (407) 694-4432

MONTH March, 1989

DAY AVERAGE DAILY POWER LEVEL (M We-Net)

3/ 1/89	-1
3/ 2/89	-1
3/ 3/89	-2
3/ 4/89	-2
3/ 5/89	-1
3/ 6/89	-1
3/ 7/89	-1
3/ 8/89	-1
3/ 9/89	-1
3/10/89	-1
3/11/89	-1
3/12/89	-2
3/13/89	-2
3/14/89	-2
3/15/89	-1
3/16/89	-2
3/17/89	-2
3/18/89	-2
3/19/89	-2
3/20/89	-2
3/21/89	-2
3/22/89	-3
3/23/89	-3
3/24/89	-2
3/25/89	-2
3/26/89	-2
3/27/89	-2
3/28/89	-3
3/29/89	-3
3/30/89	-3
3/31/89	-3

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 4/11/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: MARCH 1989
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	2160	49513.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	742.4	42284.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	742.1	41563.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0	1999393	108483063
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	664180	36161020
18. NET ELECTRICAL ENERGY GENERATED (MWH)	-2152	624489	34199382
19. UNIT SERVICE FACTOR	0.0	34.4	83.9
20. UNIT AVAILABILITY FACTOR	0.0	34.4	83.9
21. CAPACITY FACTOR (USING MDC NET)	0.0	34.5	84.3
22. CAPACITY FACTOR (USING DER NET)	0.0	34.8	84.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	5.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 04/24/89



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389

UNIT NAME St. Lucie Unit #2

DATE April 17, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH March, 1989

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
01	890131	S	744	C	4		RC	FUELXX	Unit #2 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. 50-389

UNIT St. Lucie #2

DATE April 17, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH March, 1989

St. Lucie Unit #2 remained shutdown for refueling and scheduled maintenance.

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

