

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8905250108 DOC.DATE: 89/04/30 NOTARIZED: NO DOCKET #
 FACIL:50-000 Generic Docket 05000000
 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

AUTH.NAME AUTHOR AFFILIATION
 BONETT,D.M. Florida Power & Light Co.
 WOODY,C.O. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION

R
I
D
S
/
A
D
D
S

SUBJECT: Monthly operating repts for Apr 1989 for Turkey Point Units
 1 & 2 & St Lucie Units 1 & 2.W/890515 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 17
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
	PD2-2 LA		4	4		PD2-2 PD		1	1
	EDISON,G		1	1		NORRIS,J		1	1
INTERNAL:	ACRS		10	10		AEOD/DOA		1	1
	AEOD/DSP/TPAB		1	1		IRM TECH ADV		2	2
	NRR/DLPQ/PEB 11		1	1		NRR/DOEA/EAB 11		1	1
	NRR/DREP/RPB 10		1	1		NUDOCS-ABSTRACT		1	1
	REG-FILE 01		1	1		RGN2		1	1
EXTERNAL:	EG&G SIMPSON,F		1	1		LPDR		2	2
	NRC PDR		1	1		NSIC		1	1

R
I
D
S
/
A
D
D
S

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER, OF COPIES REQUIRED: LTTR 32 ENCL 32

MOE





MAY 15 1989

L-89-181
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 April 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,

C. O. Woody
Acting Senior Vice President - Nuclear

COW/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

8905250108 890430
PDR ADOCK 05000250
R PDC



IE24
11



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

DAY AVERAGE DAILY POWER LEVEL

(M We-Net)

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



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 5/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: APRIL 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: _____	719	2879	143792.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	1231.2	94614.8
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	0.0	1154.4	93311.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	2394053	193587802
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	780140	62042666
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-4582	721880	58652424
19. UNIT SERVICE FACTOR _____	0.0	40.1	64.9
20. UNIT AVAILABILITY FACTOR _____	0.0	40.1	65.0
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	37.6	62.5
22. CAPACITY FACTOR (USING DER NET) _____	0.0	36.2	58.9
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: 06/20/89

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH April, 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
04	890329	S	719.0	H	4		ZZ	ZZZZZZ	Unit 3 remained 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 May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH April, 1989

Unit 3 remained shutdown to allow for RCCO Regualification Exams for Licensed Operators.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

DAY AVERAGE DAILY POWER LEVEL

(M We-Net)

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



10-10-10

OPERATING DATA REPORT

DOCKET NO. 50 - 251
 DATE 5/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: APRIL 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:	719	2879	137524.0
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)	-3982	-7666	55575593
19. UNIT SERVICE FACTOR	0.0	0.0	63.4
20. UNIT AVAILABILITY FACTOR	0.0	0.0	63.4
21. CAPACITY FACTOR (USING MDC NET)	0.0	0.0	61.9
22. CAPACITY FACTOR (USING DER NET)	0.0	0.0	58.3
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: 05/18/89

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH April, 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
13	880920	S	719.0	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 May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

Unit 4 remained shutdown for refueling and scheduled maintenance.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

DAY AVERAGE DAILY POWER LEVEL

(M We-Net)

4/ 1/89	871
4/ 2/89	872
4/ 3/89	871
4/ 4/89	871
4/ 5/89	873
4/ 6/89	873
4/ 7/89	870
4/ 8/89	871
4/ 9/89	871
4/10/89	871
4/11/89	870
4/12/89	870
4/13/89	867
4/14/89	864
4/15/89	863
4/16/89	863
4/17/89	860
4/18/89	860
4/19/89	858
4/20/89	856
4/21/89	857
4/22/89	840
4/23/89	766
4/24/89	864
4/25/89	867
4/26/89	868
4/27/89	866
4/28/89	865
4/29/89	866
4/30/89	865



OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 5/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: APRIL 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:	719	2879	108335.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2879.0	81977.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	719.0	2879.0	81258.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1934223	7699353	208720540
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	652180	2596710	68715305
18. NET ELECTRICAL ENERGY GENERATED (MWH)	619968	2467764	64919294
19. UNIT SERVICE FACTOR	100.0	100.0	75.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	75.0
21. CAPACITY FACTOR (USING MDC NET)	102.8	102.2	74.5
22. CAPACITY FACTOR (USING DER NET)	103.9	103.3	73.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.6
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

DOCKET NO. 50-335

UNIT NAME St. Lucie #1

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH April, 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
									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. 50-335

UNIT St. Lucie #1

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

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 May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

DAY AVERAGE DAILY POWER LEVEL

(M We-Net)

4/ 1/89	-3
4/ 2/89	-3
4/ 3/89	-3
4/ 4/89	-3
4/ 5/89	-3
4/ 6/89	-3
4/ 7/89	-3
4/ 8/89	-3
4/ 9/89	-5
4/10/89	-7
4/11/89	-5
4/12/89	-4
4/13/89	-7
4/14/89	-20
4/15/89	-25
4/16/89	-23
4/17/89	-7
4/18/89	-7
4/19/89	-7
4/20/89	-10
4/21/89	-8
4/22/89	-21
4/23/89	-31
4/24/89	-30
4/25/89	-27
4/26/89	-10
4/27/89	-18
4/28/89	14
4/29/89	95
4/30/89	393

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 5/ 9/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: APRIL 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:	719	2879	50232.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	99.9	842.3	42384.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	46.9	789.0	41610.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	49992	2049385	108533055
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	14660	678840	36175680
18. NET ELECTRICAL ENERGY GENERATED (MWH)	4367	628856	34203749
19. UNIT SERVICE FACTOR	6.5	27.4	82.8
20. UNIT AVAILABILITY FACTOR	6.5	27.4	82.8
21. CAPACITY FACTOR (USING MDC NET)	0.7	26.0	83.0
22. CAPACITY FACTOR (USING DER NET)	0.7	26.3	82.9
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: _____



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389

UNIT NAME St. Lucie #2

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH April, 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
01	890131	S	662.9	C	4		RC	FUELXX	Unit #2 remained shutdown for refueling and scheduled maintenance.
02	890428	S	0.0	B	9		HA	TURBIN	While returning to full power from refueling outage, the unit was held at 25% for physics test and reduced power to perform turbine overspeed trip test.
03	890429	S	8.2	B	9		HA	TURBIN	Performed overspeed trip test as part of power ascension program.
04	890430	S	0.0	B	9		HA	TURBIN	Unit was held at 50% power for physics test.

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. 50-389

UNIT St. Lucie #2

DATE May 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH April, 1989

See the "Unit Shutdowns and Power Reductions" for Unit 2.

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

