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ACCESSION NBR: 8909190280 DOC. DATE: ~~89/08/31~~ 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

SUBJECT: Monthly operating repts for Aug 1989 for Turkey Point Units
 3 & 4 & St Lucie Units 1 & 2. W/890913 Ltr.

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SEPTEMBER 13 1989

L-89-331
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 August 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,

R. J. Acosta
for
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

8909190280 890831
PDR ADOCK 05000250
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1524
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH August, 1989

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

8/ 1/89	621
8/ 2/89	609
8/ 3/89	659
8/ 4/89	661
8/ 5/89	665
8/ 6/89	662
8/ 7/89	114
8/ 8/89	226
8/ 9/89	583
8/10/89	671
8/11/89	669
8/12/89	671
8/13/89	672
8/14/89	673
8/15/89	671
8/16/89	669
8/17/89	666
8/18/89	666
8/19/89	674
8/20/89	674
8/21/89	667
8/22/89	661
8/23/89	664
8/24/89	668
8/25/89	668
8/26/89	668
8/27/89	666
8/28/89	663
8/29/89	665
8/30/89	669
8/31/89	659

OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 9/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: AUGUST 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	5831	146744.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	735.0	2877.5	96261.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	726.0	2775.6	94933.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1554544	5808382	197002131
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	491670	1859630	63122156
18. NET ELECTRICAL ENERGY GENERATED (MWH)	467785	1741629	59672173
19. UNIT SERVICE FACTOR	97.6	47.6	64.7
20. UNIT AVAILABILITY FACTOR	97.6	47.6	64.8
21. CAPACITY FACTOR (USING MDC NET)	94.4	44.8	62.3
22. CAPACITY FACTOR (USING DER NET)	90.7	43.1	58.7
23. UNIT FORCED OUTAGE RATE	2.4	27.6	13.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING: 2/15/90			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE September 15, 1989

COMPLETED BY D. M. Bonett

REPORT MONTH August, 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
08	890807	F	18.0	A	1		HC	HTEXCH	Unit 3 was shutdown to repair a condenser tube leak. Return to full power was delayed for secondary chemistry control.

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. 50-250

UNIT Turkey Point #3

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 1989

Unit 3 was shutdown to a repair a condenser tube leak. Full power operation was delayed for secondary chemistry control.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH August, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

8/ 1/89	668
8/ 2/89	668
8/ 3/89	668
8/ 4/89	664
8/ 5/89	620
8/ 6/89	560
8/ 7/89	664
8/ 8/89	670
8/ 9/89	676
8/10/89	672
8/11/89	515
8/12/89	545
8/13/89	549
8/14/89	552
8/15/89	546
8/16/89	-9
8/17/89	307
8/18/89	665
8/19/89	664
8/20/89	668
8/21/89	664
8/22/89	657
8/23/89	660
8/24/89	663
8/25/89	659
8/26/89	660
8/27/89	661
8/28/89	659
8/29/89	661
8/30/89	664
8/31/89	670

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 9/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: AUGUST 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	5831	140476.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1951.6	92188.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	720.1	1683.3	88877.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1508083	3236983	187319403
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	475035	1003985	59752787
18. NET ELECTRICAL ENERGY GENERATED (MWH)	451295	923701	56506960
19. UNIT SERVICE FACTOR	96.8	28.9	63.3
20. UNIT AVAILABILITY FACTOR	96.8	28.9	63.3
21. CAPACITY FACTOR (USING MDC NET)	91.1	23.8	61.6
22. CAPACITY FACTOR (USING DER NET)	87.5	22.9	58.0
23. UNIT FORCED OUTAGE RATE	0.0	12.9	11.4
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. 50-251

UNIT NAME Turkey Point #4

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 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
20	890811	S	0.0	B	5		HA	HTEXCH	Power was reduced to adjust flow on main generator gas coolers.
21	890816	S	23.9	A	1		HA	HTEXCH	The unit was shutdown to repair main generator gas cooler gasket. Full power operation was delayed for secondary chemistry.

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. 50-251

UNIT Turkey Point #4

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 1989

Unit 4 reduced power to adjust the flow on main generator gas coolers.

The unit was shutdown to repair the main generator gas cooler gasket. Full power operation was delayed for secondary chemistry.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH August, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

8/ 1/89	855
8/ 2/89	854
8/ 3/89	844
8/ 4/89	775
8/ 5/89	741
8/ 6/89	852
8/ 7/89	854
8/ 8/89	860
8/ 9/89	857
8/10/89	855
8/11/89	848
8/12/89	846
8/13/89	847
8/14/89	847
8/15/89	845
8/16/89	843
8/17/89	844
8/18/89	844
8/19/89	843
8/20/89	846
8/21/89	815
8/22/89	787
8/23/89	807
8/24/89	855
8/25/89	859
8/26/89	856
8/27/89	850
8/28/89	848
8/29/89	845
8/30/89	844
8/31/89	844

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 9/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: AUGUST 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	5831	111287.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5380.6	84479.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	5373.2	83752.4
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1989644	14316635	215337822
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	657755	4798375	70916970
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	624258	4552380	67003910
19. UNIT SERVICE FACTOR _____	100.0	92.1	75.3
20. UNIT AVAILABILITY FACTOR _____	100.0	92.1	75.3
21. CAPACITY FACTOR (USING MDC NET) _____	100.0	93.1	74.8
22. CAPACITY FACTOR (USING DER NET) _____	101.1	94.1	73.6
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	3.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING: 2/18/90 _____			

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 September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 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 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 September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 1989

Unit 1 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 September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH August, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

8/ 1/89	850
8/ 2/89	850
8/ 3/89	846
8/ 4/89	845
8/ 5/89	846
8/ 6/89	847
8/ 7/89	850
8/ 8/89	854
8/ 9/89	853
8/10/89	851
8/11/89	847
8/12/89	846
8/13/89	846
8/14/89	671
8/15/89	689
8/16/89	724
8/17/89	726
8/18/89	726
8/19/89	726
8/20/89	730
8/21/89	835
8/22/89	848
8/23/89	850
8/24/89	851
8/25/89	855
8/26/89	853
8/27/89	848
8/28/89	847
8/29/89	847
8/30/89	844
8/31/89	847

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 9/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: AUGUST 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	5831	53184.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	3790.0	45332.0
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	744.0	3705.4	44527.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1953264	9757245	116240915
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	642190	3247800	38744640
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	608332	3063752	36638645
19. UNIT SERVICE FACTOR _____	100.0	63.5	83.7
20. UNIT AVAILABILITY FACTOR _____	100.0	63.5	83.7
21. CAPACITY FACTOR (USING MDC NET) _____	97.5	62.6	83.9
22. CAPACITY FACTOR (USING DER NET) _____	98.5	63.3	83.9
23. UNIT FORCED OUTAGE RATE _____	0.0	1.0	5.4
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 September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 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
09	890814	F	0.0	A	5		HJ	HTEXCH	Unit 2 reduced power for the 2A drain cooler leak. Following the repair, full power operation was resumed.

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 September 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH August, 1989

Unit 2 reduced power for the 2A drain cooler leak. Following the repair, full power operation was resumed.

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