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ACCESSION NBR: 9308170104 DOC. DATE: 93/07/31 NOTARIZED: NO DOCKET #
FACIL: 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
AUTH. NAME AUTHOR AFFILIATION
CALLANDER, R. Florida Power & Light Co.
PLUNKETT, T.F. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jul 1993 for Turkey Point, units
3 & 4. W/930812 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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AUG 12 1993

L-93-199
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
Monthly Operating Report

In accordance with the requirements of Turkey Point Units 3 and 4 Technical Specification 6.9.1.5, and the guidance of NUREG-0020, attached are the July 1993 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very Truly Yours,

T.F. Plunkett by R.W. Pearce

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/RCC/rc

attachments

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

9308170104 930731
PDR ADOCK 05000250
R PDR

an FPL Group company

DE 24 1/1

100-100

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

50-250
TURKEY POINT #3
AUGUST 10, 1993
R. CALLANDER
305-246-6818

MONTH JULY 1993

AVERAGE DAILY POWER LEVEL

(MWe-Net)

07/01/93	672
07/02/93	675
07/03/93	673
07/04/93	669
07/05/93	670
07/06/93	669
07/07/93	666
07/08/93	670
07/09/93	667
07/10/93	672
07/11/93	675
07/12/93	674
07/13/93	670
07/14/93	671
07/15/93	673
07/16/93	670
07/17/93	666
07/18/93	664
07/19/93	662
07/20/93	654
07/21/93	657
07/22/93	664
07/23/93	538
07/24/93	250
07/25/93	576
07/26/93	672
07/27/93	671
07/28/93	672
07/29/93	673
07/30/93	669
07/31/93	674

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME: TURKEY POINT UNIT 3
 DATE: August 10, 1993
 COMPLETED BY: R. Callander
 TELEPHONE: (305) 246-6818

REPORT MONTH JULY 1993

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
9	072393	S	0	B	5	N/A	CC	HTEXCH	Repair leak on 3B MSR drain line

1

F - Forced
 S - Scheduled

2

Reason
 A - Equipment Failure
 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)

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Exhibit 1 - Same Source



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OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 8/11/93
 COMPLETED BY R. CALLANDER
 TELEPHONE 305/246/6818

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: JULY, 1993
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	5087	181064.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4970.9	117730.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	744.0	4934.5	116045.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1595512	10665248	240572175
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	506735	3476100	77118226
18. NET ELECTRICAL ENERGY GENERATED (MWH)	482376	3311151	72923311
19. UNIT SERVICE FACTOR	100.0	97.0	64.1
20. UNIT AVAILABILITY FACTOR	100.0	97.0	64.2
21. CAPACITY FACTOR (USING MDC NET)	97.4	97.7	61.5
22. CAPACITY FACTOR (USING DER NET)	93.6	93.9	58.1
23. UNIT FORCED OUTAGE RATE	0.0	3.0	12.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : NONE			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT: Turkey Point #3
DATE: August 10, 1993
COMPLETED BY: R. C. Callander
TELEPHONE: (305) 246-6818

REPORT MONTH JULY 1993

On July 23, Unit 3 was reduced in power to 20% to repair a leak on the 3B moisture separator reheater drain line. Following completion of the repair, the unit was returned to 100% power late on July 24.

The unit remained at essentially 100% power for the remainder of the month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

50-251
TURKEY POINT #4
AUGUST 10, 1993
R. CALLANDER
305-246-6818

MONTH JULY 1993

AVERAGE DAILY POWER LEVEL

(MWe-Net)

07/01/93	648
07/02/93	621
07/03/93	666
07/04/93	664
07/05/93	665
07/06/93	663
07/07/93	663
07/08/93	561
07/09/93	665
07/10/93	668
07/11/92	671
07/12/93	672
07/13/93	669
07/14/93	672
07/15/93	672
07/16/93	667
07/17/93	668
07/18/93	665
07/19/93	662
07/20/93	662
07/21/93	663
07/22/93	662
07/23/93	665
07/24/93	661
07/25/93	666
07/26/93	665
07/27/93	663
07/28/93	663
07/29/93	635
07/30/93	664
07/31/93	670



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
 UNIT NAME: TURKEY POINT UNIT 4
 DATE: August 10, 1993
 COMPLETED BY: R. Callander
 TELEPHONE: (305) 246-6818

REPORT MONTH JULY 1993

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
9	070193	S	0	B	5	N/A	RC	INSTRU	Flux mapping
10	070893	S	0	B	5	N/A	HJ	HTEXCH	4B TPCW heat exchanger tube plugging

1

F - Forced
 S - Scheduled

2

Reason
 A - Equipment Failure
 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)

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Exhibit 1 - Same Source



OPERATING DATA REPORT

DOCKET NO 50 - 251
DATE 8/11/93
COMPLETED BY R. CALLANDER
TELEPHONE 305/246/6818

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: JULY, 1993
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	5087	174796.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3872.3	113710.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	744.0	3718.5	109763.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	11.7
16. GROSS THERMAL ENERGY GENERATED (MWH)	1627616	7837551	231411886
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	514995	2522445	73881415
18. NET ELECTRICAL ENERGY GENERATED (MWH)	490554	2391136	69880077
19. UNIT SERVICE FACTOR	100.0	73.1	62.8
20. UNIT AVAILABILITY FACTOR	100.0	73.1	63.1
21. CAPACITY FACTOR (USING MDC NET)	99.0	70.6	61.0
22. CAPACITY FACTOR (USING DER NET)	95.1	67.8	57.7
23. UNIT FORCED OUTAGE RATE	0.0	26.9	11.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : NONE			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251
UNIT: Turkey Point #4
DATE: July 9, 1993
COMPLETED BY: R. C. Callander
TELEPHONE: (305) 246-6818

REPORT MONTH JUNE 1993

On July 1, Unit 4 was reduced in power to 85% to determine target flux difference in accordance with Technical Specifications.

On July 8, the unit was reduced in power to 60% for tube plugging on the 4B turbine plant cooling water heat exchanger. Following the tube plugging, the unit was returned to 100% power and remained at essentially 100% power through the end of the month.

