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50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
AUTH.NAME AUTHOR AFFILIATION
MOWREY.C.L. Florida Power & Light Co.
PLUNKETT,T.F. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for May 1994 for Turkey Point Units 1 & 2.W/940614 ltr.

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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 May 1994 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Plant

TFP/CLM/cm

Attachments

cc: S. D. Ebneter, Regional Administrator, Region II, USNRC
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant

JE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-250
UNIT	Turkey Point #3
DATE	June 9, 1994
COMPLETED BY	C. L. Mowrey
TELEPHONE	305-246-6204

MONTH MAY 1994

AVERAGE DAILY POWER LEVEL

(MWe-Net)

5/01/94	0
5/02/94	0
5/03/94	0
5/04/94	0
5/05/94	0
5/06/94	0
5/07/94	0
5/08/94	0
5/09/94	0
5/10/94	0
5/11/94	0
5/12/94	0
5/13/94	0
5/14/94	0
5/15/94	0
5/16/94	0
5/17/94	0
5/18/94	0
5/19/94	36
5/20/94	152
5/21/94	290
5/22/94	291
5/23/94	332
5/24/94	585
5/25/94	675
5/26/94	625
5/27/94	0
5/28/94	338
5/29/94	420
5/30/94	674
5/31/94	414

OPERATING DATA REPORT

DOCKET NO 50 - 250
DATE 6/ 9/94
COMPLETED BY C. L. MOWREY
TELEPHONE 305/246/6204

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: MAY 1994
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	3623	188360.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	376.1	2607.6	123867.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	276.9	2460.3	121993.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	401585	5147773	253287611
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	125105	1674615	81256431
18. NET ELECTRICAL ENERGY GENERATED (MWH)	112874	1588287	76857792
19. UNIT SERVICE FACTOR	37.2	67.9	64.8
20. UNIT AVAILABILITY FACTOR	37.2	67.9	64.8
21. CAPACITY FACTOR (USING MDC NET)	22.8	65.8	62.3
22. CAPACITY FACTOR (USING DER NET)	21.9	63.3	58.9
23. UNIT FORCED OUTAGE RATE	6.6	2.7	11.6

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. 50-250
UNIT NAME: Turkey Point #3
DATE: June 9, 1994
COMPLETED BY: C. L. Mowrey
TELEPHONE: (305) 246-6204

REPORT MONTH MAY 1994

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
06	940403	S	439.8	C	1	N/A	RC	FUELXX	UNIT 3 SHUT DOWN FOR SCHEDULED REFUELING
07	940519	S	0.0	B	4	N/A	RC	INSTRU	INCORE FLUX MAPPING
08	940519	S	8.7	B	4	N/A	HA	TURBIN	TURBINE OVERSPEED TEST
09	940520	S	0.0	F	4	N/A	HH	HTEXCH	STEAM GENERATOR CHEMISTRY HOLD
10	940520	F	0.0	A	4	N/A	HH	PUMPXX	REPAIR 3B STEAM GENERATOR FEEDWATER PUMP
11	940527	F	19.5	A	5	N/A	HC	HTEXCH	REPAIR CONDENSER TUBE LEAK
12	940527	F	0.0	F	4	N/A	HH	HTEXCH	STEAM GENERATOR CHEMISTRY HOLD
13	940527	S	0.0	F	4	N/A	HC	HTEXCH	CONDENSER WATER BOX CLEANING

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)

5

Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT: Turkey Point #3
DATE: June 9, 1994
COMPLETED BY: C. L. Mowrey
TELEPHONE: (305) 246-6204

REPORT MONTH MAY 1994

Unit 3 began the month shut down for a refueling outage which started on April 3. The unit was brought on line on May 19, 1994. Power was restricted initially for flux mapping and for the turbine overspeed test, then at 30% power to clean up secondary chemistry. All three of these are expected holds following a refueling outage. Power was further restricted to repair the 3B Steam Generator Feedwater Pump and a tube leak in the condenser. As a result of the tube leak, an additional steam generator chemistry hold at 30% power was imposed. Power was raised following the chemistry hold, but additional steam generator chemistry problems required load restriction to 60% power to allow cleaning of the condenser water boxes. On May 30, 1994, power was again raised to approximately 100% for about one day. On May 31, 1994, power was lowered to about 60% to allow further cleanup of the secondary system. Power level remained at about 60% for the remainder of the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-251
UNIT	Turkey Point #4
DATE	June 9, 1994
COMPLETED BY	C. L. Mowrey
TELEPHONE	305-246-6204

MONTH MAY 1994

AVERAGE DAILY POWER LEVEL

(MWe-Net)

5/01/94	678
5/02/94	673
5/03/94	669
5/04/94	666
5/05/94	670
5/06/94	669
5/07/94	670
5/08/94	670
5/09/94	665
5/10/94	663
5/11/94	661
5/12/94	658
5/13/94	653
5/14/94	662
5/15/94	663
5/16/94	661
5/17/94	659
5/18/94	658
5/19/94	660
5/20/94	663
5/21/94	668
5/22/94	669
5/23/94	607
5/24/94	270
5/25/94	421
5/26/94	581
5/27/94	362
5/28/94	363
5/29/94	364
5/30/94	366
5/31/94	364

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50-251
UNIT:	Turkey Point #4
DATE:	June 9, 1994
COMPLETE BY:	C. L. Mowrey
TELEPHONE:	(305)246-6204

REPORT MONTH MAY 1994

Unit 4 began the month of May at essentially 100% power. On May 23, 1994, the unit was brought down in power to clean condenser waterboxes. Power was restored to approximately 100% on May 26, 1994. Later the same day power was lowered to about 60 % for repair of the 4A Steam Generator Feedwater Pump (SGFP). Unit 4 ended the month of May still restricted to approximately 60% power pending completion of the repair of the 4A SGFP.

OPERATING DATA REPORT

DOCKET NO 50 - 251
DATE 6/ 9/94
COMPLETED BY C. L. MOWREY
TELEPHONE 305/246/6204

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: MAY 1994
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	3623	182092.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3447.9	120728.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	744.0	3438.2	116763.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	577.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1472740	7332219	246392174
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	463560	2370965	78724935
18. NET ELECTRICAL ENERGY GENERATED (MWH)	439799	2257331	74492563
19. UNIT SERVICE FACTOR	100.0	94.9	64.1
20. UNIT AVAILABILITY FACTOR	100.0	94.9	64.4
21. CAPACITY FACTOR (USING MDC NET)	88.8	93.6	62.4
22. CAPACITY FACTOR (USING DER NET)	85.3	89.9	59.0
23. UNIT FORCED OUTAGE RATE	0.0	5.1	11.2

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :
REFUELING OUTAGE NOW SCHEDULED TO START OCTOBER 3, 1994

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: June 9, 1994
COMPLETED BY: C. L. Mowrey
TELEPHONE: (305) 246-6204

REPORT MONTH MAY 1994

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	940523	F	0.0	B	5	N/A	HC	HTEXCH	POWER REDUCTION TO CLEAN CONDENSER WATERBOXES
05	940526	F	0.0	A	5	N/A	HH	PUMPXX	POWER REDUCTION TO REPAIR 4A FEEDWATER PUMP

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)

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