

# PRIORITY 1

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       50-251 Turkey Point Plant, Unit 4, Florida Power and Light C      05000251  
 AUTH. NAME:      AUTHOR AFFILIATION  
 KNORR, J.E.      Florida Power & Light Co.  
 HOVEY, R.J.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1995 for Turkey Point Units  
 3 & 4, 951115 ltr.

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L-95-302  
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 October 1995 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

Robert J. Hovey  
Vice President  
Turkey Point Plant

JEK

Attachments

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

210620

9511210122 951031  
PDR ADDCK 05000250  
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an FPL Group company

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point #3</u>
DATE	<u>Nov. 10, 1995</u>
COMPLETED BY	<u>J. E. Knorr</u>
TELEPHONE	<u>305-246-6757</u>

MONTH October 1995

AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/01/95	0
10/02/95	0
10/03/95	0
10/04/95	0
10/05/95	0
10/06/95	0
10/07/95	0
10/08/95	98
10/09/95	105
10/10/95	239
10/11/95	284
10/12/95	283
10/13/95	5
10/14/95	279
10/15/95	574
10/16/95	690
10/17/95	139
10/18/95	236
10/19/95	653
10/20/95	688
10/21/95	686
10/22/95	691
10/23/95	695
10/24/95	691
10/25/95	692
10/26/95	690
10/27/95	688
10/28/95	687
10/29/95	689
10/30/95	697
10/31/95	696



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# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 11/15/95  
 PREPARED BY J. E. KNORR  
 TELEPHONE 305/246/6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: OCTOBER 1995
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:	745	7296	200793.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	595.4	6463.6	135441.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	519.9	6383.1	133431.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	932764	13655559	277821493
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	297967	4411029	89172493
18. NET ELECTRICAL ENERGY GENERATED (MWH)	284623	4202647	84397074
19. UNIT SERVICE FACTOR	69.8	87.5	66.5
20. UNIT AVAILABILITY FACTOR	69.8	87.5	66.5
21. CAPACITY FACTOR (USING MDC NET)	57.4	86.5	64.1
22. CAPACITY FACTOR (USING DER NET)	55.1	83.1	60.7
23. UNIT FORCED OUTAGE RATE	0.0	0.6	10.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : NONE			

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: Nov. 10, 1995  
COMPLETED BY: J. E. Knorr  
TELEPHONE: (305) 246-6757

REPORT MONTH OCTOBER 1995

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report#	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
05	950904	S	172.5	C	4	N/A	N/A	N/A	Refueling
06	951008	F	0.0	F	5	N/A	CC	HTEXCH	Secondary Chemistry power level hold
07	951009	S	1.8	B	4	N/A	H/A	VALVEX	Turbine valve test
08	951010	F	0.0	F	4	N/A	CC	HTEXCH	Secondary Chemistry power level hold
09	951010	S	0.0	B	4	N/A	N/A	N/A	Physics testing
10	951012	S	25.4	B	1	N/A	HA	TURBIN	Install turbine balance shot
11	951014	F	0.0	F	5	N/A	CC	HTEXCH	Secondary Chemistry power level hold
12	951014	S	0.0	B	4	N/A	N/A	N/A	Delta T calculations



13	951017	F	25.4	A	2	95-007	RB	CRDRVE	Manual Trip due to dropped control rods
----	--------	---	------	---	---	--------	----	--------	---

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250  
UNIT: Turkey Point #3  
DATE: Nov. 10, 1995  
COMPLETED BY: J. E. Knorr  
TELEPHONE: (305) 246-6757

REPORT MONTH OCTOBER, 1995

Unit 3 began the month shut down for a refueling. The unit returned to power on October 8, 1995. The unit remained at 30% power or less for a secondary water chemistry hold, testing and turbine balancing until October 14. The plant was returned to 100% power and remained so until a manual reactor trip was initiated after the inadvertant drop of four control rods on October 17. The plant was returned to 100% power on October 18, and remained at essentially that level through the end of the month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point #4</u>
DATE	<u>Nov. 10, 1995</u>
COMPLETED BY	<u>J. E. Knorr</u>
TELEPHONE	<u>305-246-6757</u>

MONTH OCTOBER 1995

AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/01/95	671
10/02/95	672
10/03/95	672
10/04/95	674
10/05/95	678
10/06/95	680
10/07/95	679
10/08/95	678
10/09/95	677
10/10/95	677
10/11/95	677
10/12/95	676
10/13/95	676
10/14/95	681
10/15/95	684
10/16/95	682
10/17/95	680
10/18/95	679
10/19/95	681
10/20/95	667
10/21/95	674
10/22/95	680
10/23/95	683
10/24/95	679
10/25/95	681
10/26/95	679
10/27/95	677
10/28/95	675
10/29/95	678
10/30/95	684
10/31/95	686

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251  
 UNIT NAME: Turkey Point #4  
 DATE: Nov. 10, 1995  
 COMPLETED BY: J. E. Knorr  
 TELEPHONE: (305) 246-6757

REPORT MONTH OCTOBER, 1995

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report#	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
N/A									

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

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 11/ 7/95  
 PREPARED BY J. E. KNORR  
 TELEPHONE 305/246/6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: OCTOBER 1995
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:	745	7296	194525.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	7174.1	132021.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	745.0	7165.6	127929.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	577.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1634517	15582769	270507478
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	529636	5048386	86497036
18. NET ELECTRICAL ENERGY GENERATED (MWH)	505079	4810903	81890489
19. UNIT SERVICE FACTOR	100.0	98.2	65.8
20. UNIT AVAILABILITY FACTOR	100.0	98.2	66.1
21. CAPACITY FACTOR (USING MDC NET)	101.8	99.0	64.2
22. CAPACITY FACTOR (USING DER NET)	97.8	95.1	60.7
23. UNIT FORCED OUTAGE RATE	0.0	1.8	10.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : REFUELING SCHEDULED FOR MARCH 1996			

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: Nov. 10, 1995  
COMPLETE BY: J. E. Knorr  
TELEPHONE: (305) 246-6757

REPORT MONTH OCTOBER, 1995

Unit 4 operated at essentially 100% reactor power for the month of October.