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## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9403220131 DOC. DATE: 94/03/14 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  
 KNORR, J.E. Florida Power & Light Co.  
 PLUNKETT, J.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1994 for Turkey Point Units  
 3 & 4. W/940314 ltr.

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MAR 14 1994

L-94-057  
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 February 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/JEK/jk

Attachments

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

9403220131 940314  
PDR ADDCK 05000250  
R PDR

220002

an FPL-Group company

*JEK*



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-250</u>
UNIT	<u>TURKEY POINT #3</u>
DATE	<u>MARCH 11, 1994</u>
COMPLETED BY	<u>J. E. Knorr</u>
TELEPHONE	<u>305-246-6757</u>

MONTH FEBRUARY 1994

AVERAGE DAILY POWER LEVEL

(MWe-Net)

2/01/94	694
2/02/94	702
2/03/94	706
2/04/94	703
2/05/94	695
2/06/94	689
2/07/94	685
2/08/94	684
2/09/94	683
2/10/94	683
2/11/94	681
2/12/94	681
2/13/94	678
2/14/94	676
2/15/94	691
2/16/94	691
2/17/94	695
2/18/94	699
2/19/94	697
2/20/94	688
2/21/94	14
2/22/94	143
2/23/94	671
2/24/94	678
2/25/94	678
2/26/94	678
2/27/94	682
2/28/94	689

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250  
 UNIT NAME: TURKEY POINT UNIT 3  
 DATE: March 11, 1994  
 COMPLETED BY: J. E. Knorr  
 TELEPHONE: (305) 246-6757

REPORT MONTH FEBRUARY 1994

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down <sup>3</sup> Reactor <sup>3</sup>	Licensee Event Report#	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
04	022194	F	31.2	A	5	N/A	CC	PIPEXX	Reduced power to 2% to repair 3D MSR Drain Line
05	022294	F	0.0	H	5	N/A	CC	PIPEXX	Steam Generator Chemistry hold-point at 30%

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 I - Same Source



11

1

2

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

11

11

11

# OPERATING DATA REPORT

DOCKET NO 50 - 250  
DATE 3/ 7/94  
COMPLETED BY J. E. KNORR  
TELEPHONE 305/246/6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: FEBRUARY 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:	672	1416	186153.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	122676.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	640.8	1368.2	120901.5
15. UNIT RESERVE SHUTDOWN HOURS			
16. GROSS THERMAL ENERGY GENERATED (MWH)	1391126	2975327	251115165
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	454310	977835	80559651
18. NET ELECTRICAL ENERGY GENERATED (MWH)	432803	932010	76201515
19. UNIT SERVICE FACTOR	95.4	96.6	64.9
20. UNIT AVAILABILITY FACTOR	95.4	96.6	65.0
21. CAPACITY FACTOR (USING MDC NET)	96.7	98.8	62.5
22. CAPACITY FACTOR (USING DER NET)	92.9	95.0	59.1
23. UNIT FORCED OUTAGE RATE	4.6	3.4	11.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : CYCLE 14 REFUELING SCHEDULED FOR 4/94			

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





SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT:	<u>Turkey Point #3</u>
DATE:	<u>March 11, 1994</u>
COMPLETED BY:	<u>J. E. Knorr</u>
TELEPHONE:	<u>(305) 246-6757</u>

REPORT MONTH FEBRUARY 1994

Unit 3 began the month at essentially 100% and maintained that level until forced to reduce power to approximately 2% to repair the 3D moisture separator reheater drain line on February 21. The unit had a hold at 30% power for steam generator chemistry on February 22 and returned to 100% power that same day. The Unit remained at essentially 100 % power for the remainder of the month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-251</u>
UNIT	<u>TURKEY POINT #4</u>
DATE	<u>MARCH 11, 1994</u>
COMPLETED BY	<u>J. E. Knorr</u>
TELEPHONE	<u>305-246-6757</u>

MONTH FEBRUARY 1994

AVERAGE DAILY POWER LEVEL

(MWe-Net)

2/01/94	143
2/02/94	525
2/03/94	701
2/04/94	699
2/05/94	694
2/06/94	690
2/07/94	687
2/08/94	687
2/09/94	686
2/10/94	685
2/11/94	684
2/12/94	684
2/13/94	681
2/14/94	681
2/15/94	691
2/16/94	692
2/17/94	695
2/18/94	699
2/19/94	699
2/20/94	691
2/21/94	682
2/22/94	681
2/23/94	682
2/24/94	682
2/25/94	679
2/26/94	680
2/27/94	686
2/28/94	692

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251  
 UNIT NAME: TURKEY POINT UNIT 4  
 DATE: MARCH 11, 1994  
 COMPLETED BY: J. E. Knorr  
 TELEPHONE: (305) 246-6757

REPORT MONTH FEBRUARY 1994

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
01	020194	F	38.5	A	5	N/A	CH	VALVEX	REPAIR TO FEEDWATER REG VALVE FCV 4-498

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 3/ 7/94  
 COMPLETED BY J. E. KNORR  
 TELEPHONE 305/246/6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: FEBRUARY 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:	672	1416	179885.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	118696.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	672.0	1416.0	114741.0
15. UNIT RESERVE SHUTDOWN HOURS			
16. GROSS THERMAL ENERGY GENERATED (MWH)	1435483	3068984	242128939
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	467230	1004470	77358440
18. NET ELECTRICAL ENERGY GENERATED (MWH)	445373	958255	73193487
19. UNIT SERVICE FACTOR	100.0	100.0	63.8
20. UNIT AVAILABILITY FACTOR	100.0	100.0	64.1
21. CAPACITY FACTOR (USING MDC NET)	99.5	101.6	62.1
22. CAPACITY FACTOR (USING DER NET)	95.6	97.7	58.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	11.2
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.	<u>50-251</u>
UNIT:	<u>Turkey Point #4</u>
DATE:	<u>March 11, 1994</u>
COMPLETE BY:	<u>J. E. Knorr</u>
TELEPHONE:	<u>(305) 246-6757</u>

REPORT MONTH FEBRUARY 1994

Unit 4 began the month of February at reduced power of approximately 40% to repair Feedwater Reg Valve FCV 4-498. The Unit was returned to essentially 100% power on February 2 and remained at that level through the end of the month.