

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9703190187 DOC. DATE: 97/02/28 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.  
 HOVEY, R. J. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for Turkey Point, Units  
 3 & 4. W/970311 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9  
 TITLE: Monthly Operating Report (per Tech Specs)

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-3 PD	1 1	CROTEAU, R	1 1
INTERNAL:	AEOD/SPD/RRAB	1 1	<u>FILE CENTER 01</u>	1 1
	NRR/DRPM/PECB	1 1	OC/DBA/PAD	1 1
	RGN2	1 1		
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:  
 PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM  
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 10 ENCL 10

NRE

C  
A  
T  
E  
G  
O  
R  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T





MAR 11 1997

L-97-062  
10 CFR §50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

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 1997 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

R. J. Hovey  
Vice President  
Turkey Point Plant

JEK

Attachments

cc: L. A. Reyes, Regional Administrator, Region II, USNRC  
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point  
Plant

9703190187 970228  
PDR ADOCK 05000250  
R PDR

IE241/



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250  
UNIT Turkey Point #3  
DATE Mar 03, 1997  
COMPLETED BY J. E. Knorr  
TELEPHONE (305) 246 - 6757

MONTH February, 1997

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

02/01/97	724
02/02/97	724
02/03/97	723
02/04/97	720
02/05/97	717
02/06/97	712
02/07/97	709
02/08/97	710
02/09/97	711
02/10/97	712
02/11/97	713
02/12/97	721
02/13/97	712
02/14/97	712
02/15/97	713
02/16/97	712
02/17/97	716
02/18/97	724
02/19/97	721
02/20/97	717
02/21/97	715
02/22/97	716
02/23/97	712
02/24/97	710
02/25/97	711
02/26/97	712
02/27/97	691
02/28/97	657

# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 03/03/97  
 PREPARED BY J. E. Knorr  
 TELEPHONE (305) 246-6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: February, 1997
3. LICENSED THERMAL POWER (MWT) : \_\_\_\_\_ 2300
4. NAMEPLATE RATING (GROSS MWE) : \_\_\_\_\_ 760
5. DESIGN ELECTRICAL RATING (NET MWE) : \_\_\_\_\_ 720
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : \_\_\_\_\_ 726
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : \_\_\_\_\_ 693
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. RESONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD : _____	672.0	1416.0	212457.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	672.0	1393.7	145622.8
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	672.0	1386.4	143574.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1536751	3118149	300219352
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	500952	1019126	96476575
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	478689	972714	91364088
19. UNIT SERVICE FACTOR _____	100.0	97.9	67.6
20. UNIT AVAILABILITY FACTOR _____	100.0	97.9	67.6
21. CAPACITY FACTOR ( USING MDC NET ) _____	102.8	99.1	64.9
22. CAPACITY FACTOR ( USING DER NET ) _____	98.9	95.4	62.4
23. UNIT FORCED OUTAGE RATE _____	0.0	2.4	10.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

Refueling Outage Scheduled for March

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



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250  
UNIT NAME: Turkey Point # 3  
DATE: Mar 10, 1997  
COMPLETED BY: J. E. Knorr  
TELEPHONE: (305) 246-6757

REPORT MONTH FEBRUARY 1997

No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence:
00001038	02/27/97	S	0.0	F	5	N/A	HH	VALVEX	Procedural response to feedwater heater bypass valve opening

1. F Forced  
S Scheduled

2. 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. 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



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250  
UNIT: Turkey Point #3  
DATE: Mar. 5, 1997  
COMPLETED BY: J. E. Knorr  
TELEPHONE: (305) 246-6757

REPORT MONTH FEBRUARY 1997

Unit 3 operated at essentially 100% reactor power for the month of February. Power was reduced to 85% for a short period on February 27 to respond to a feedwater fluctuation. Late on February 28, the unit was reduced in power to approximately 60% in anticipation of the beginning of a refueling outage.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251  
 UNIT NAME: Turkey Point # 4  
 DATE: Mar 05, 1997  
 COMPLETED BY: J. E. Knorr  
 TELEPHONE: (305) 246-6757

REPORT MONTH FEBRUARY 1997

No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence:
00001034	02/02/97	S	0.0	B	5	N/A	HB	VALVEX	Turbine Valve Test
00001035	02/03/97	F	2.4	B	5	N/A	HR	VALVEX	Reduced power to repair turbine valve controls
00001036	02/04/97	S	0.0	B	5	N/A	HF	PIPEXX	Water Box Cleaning
00001037	02/03/97	F	6.0	A	4	N/A	EA	INSTRU	Synch Switch Repair

1. F Forced  
S Scheduled

2. 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. 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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251  
UNIT Turkey Point #4  
DATE Mar 03, 1997  
COMPLETED BY J. E. Knorr  
TELEPHONE (305) 246 - 6757

MONTH February, 1997

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

02/01/97	726
02/02/97	726
02/03/97	164
02/04/97	458
02/05/97	718
02/06/97	716
02/07/97	713
02/08/97	714
02/09/97	714
02/10/97	715
02/11/97	722
02/12/97	727
02/13/97	722
02/14/97	715
02/15/97	714
02/16/97	715
02/17/97	720
02/18/97	725
02/19/97	722
02/20/97	719
02/21/97	719
02/22/97	718
02/23/97	714
02/24/97	713
02/25/97	714
02/26/97	715
02/27/97	716
02/28/97	715



3



• • •  
• • •  
• • •

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 03/05/97  
 PREPARED BY J. E. Knorr  
 TELEPHONE (305) 246-6757

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: February, 1997
3. LICENSED THERMAL POWER (MWT) : 2300
4. NAMEPLATE RATING (GROSS MWE) : 760
5. DESIGN ELECTRICAL RATING (NET MWE) : 720
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : 726
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : 693
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. RESONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD :	672.0	1416.0	206189.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	672.0	1416.0	141501.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	663.6	1407.6	137205.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	577.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1485945	3194275	290734551
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	484900	1048155	93017056
18. NET ELECTRICAL ENERGY GENERATED (MWH)	462944	1001660	88104011
19. UNIT SERVICE FACTOR	98.8	99.4	66.5
20. UNIT AVAILABILITY FACTOR	98.8	99.4	66.8
21. CAPACITY FACTOR ( USING MDC NET )	99.4	102.1	64.5
22. CAPACITY FACTOR ( USING DER NET )	95.7	98.2	62.0
23. UNIT FORCED OUTAGE RATE	1.2	0.6	9.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

None

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251  
UNIT: Turkey Point #4  
DATE: Mar. 5, 1997  
COMPLETE BY: J. E. Knorr  
TELEPHONE: 305)246-6757

REPORT MONTH FEBRUARY 1997

Unit 4 began the month of February operating at essentially 100% reactor power. On February 2, power was reduced to approximately 40% in anticipation of a turbine valve test. Part of the test was unsuccessful due to a servo malfunction and the decision was made to take the unit to Mode 2 on February 3. The unit was returned to the line later on February 3 reaching 100 % power late on February 4. The unit operated at essentially 100% power for the remainder of the month.