

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9201220222 DOC. DATE: 91/12/31 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  
 TIERNEY, R.A. Florida Power & Light Co.  
 PLUNKETTE, T.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1991 for Turkey Point Units  
 3 & 4. W/920115 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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JAN 15 1992

L-92-009  
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 December 1991 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 Nuclear

TFP/DRP/RAT

attachments

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

3201

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE January 15, 1992

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH December, 1991

AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/01/91	688
12/02/91	686
12/03/91	684
12/04/91	684
12/05/91	697
12/06/91	703
12/07/91	699
12/08/91	694
12/09/91	696
12/10/91	690
12/11/91	682
12/12/91	686
12/13/91	685
12/14/91	684
12/15/91	683
12/16/91	688
12/17/91	699
12/18/91	702
12/19/91	704
12/20/91	706
12/21/91	709
12/22/91	705
12/23/91	700
12/24/91	696
12/25/91	694
12/26/91	690
12/27/91	688
12/28/91	689
12/29/91	691
12/30/91	690
12/31/91	695



# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 1/ 9/92  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/1300

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: DECEMBER 1991
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	8760	167193.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2252.1	106725.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	744.0	2155.8	105211.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1639202	4338424	218570066
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	540325	1402395	70018386
18. NET ELECTRICAL ENERGY GENERATED (MWH)	515636	1314568	66193086
19. UNIT SERVICE FACTOR	100.0	24.6	62.9
20. UNIT AVAILABILITY FACTOR	100.0	24.6	63.0
21. CAPACITY FACTOR (USING MDC NET)	104.1	22.5	60.6
22. CAPACITY FACTOR (USING DER NET)	100.0	21.7	57.1
23. UNIT FORCED OUTAGE RATE	0.0	1.2	12.3
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 January 15, 1992

COMPLETED BY J. E. Knorr

REPORT MONTH December 1991 TELEPHONE (305) 246-6757

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
									Unit 3 operated at essentially full power and had no shutdowns or significant power reductions.

1  
F Forced  
S Scheduled

2  
Reason  
A - Equipment Failure (Exp)  
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 January 15, 1992

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH December, 1991

Unit 3 operated during the month of December at essentially full power. The unit had no shutdowns or significant power reductions during the period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE January 15, 1992

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH December, 1991

AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/01/91	675
12/02/91	674
12/03/91	673
12/04/91	672
12/05/91	685
12/06/91	687
12/07/91	680
12/08/91	678
12/09/91	679
12/10/91	515
12/11/91	0
12/12/91	0
12/13/91	0
12/14/91	0
12/15/91	0
12/16/91	0
12/17/91	0
12/18/91	23
12/19/91	321
12/20/91	691
12/21/91	699
12/22/91	696
12/23/91	692
12/24/91	690
12/25/91	690
12/26/91	686
12/27/91	684
12/28/91	684
12/29/91	685
12/30/91	686
12/31/91	694

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
DATE 1/ 9/92  
COMPLETED BY R.A. TIERNEY  
TELEPHONE 305/246/1300

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: DECEMBER 1991
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	8760	160925.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	561.7	1426.3	102612.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	553.5	1336.3	98903.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1182788	2684277	208314337
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	384300	859430	66472310
18. NET ELECTRICAL ENERGY GENERATED (MWH)	363283	798134	62851762
19. UNIT SERVICE FACTOR	74.4	15.3	61.5
20. UNIT AVAILABILITY FACTOR	74.4	15.3	61.5
21. CAPACITY FACTOR (USING MDC NET)	73.3	13.7	59.7
22. CAPACITY FACTOR (USING DER NET)	70.5	13.1	56.4
23. UNIT FORCED OUTAGE RATE	4.2	1.8	11.8
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 - 251

UNIT NAME Turkey Point #4

DATE January 15, 1992

COMPLETED BY J. E. Knorr

TELEPHONE (305) 246-6757

REPORT MONTH December, 1991

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
06	911210	F	24.5	A	1	251-91-007	EK	DG	Unit 4 shutdown due to Load Sequencer Failure.
07	911211	S	164.6	B	4	N/A	IG	PEN	Unit 4 conoseal repair.
08	911219	S	1.4	B	1	N/A	TA	TRB	Unit 4 Turbine overspeed test.

1  
F Forced  
S Scheduled

2  
Reason  
A - Equipment Failure (Exp)  
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. 50-251

UNIT Turkey Point #4

DATE January 15, 1992

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH December, 1991

On December 10, 1991, after the failure of an output card on the 4A sequencer, the plant was shutdown due to the inoperability of the sequencer. This event is discussed in detail in LER 251 91-007. During an inspection of the reactor vessel on December 11, a conoseal was found to have some evidence of leakage. The conoseal was repaired. On December 18, during the startup process, a hold at less than 30% power occurred due to secondary system water chemistry and a turbine overspeed test.

