

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9101230234 DOC. DATE: ~~90-12-21~~ 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.  
 PLUNKETT, T.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1990 for Turkey Point Units  
 3 & 4. W/910115 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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JAN 15 1991

L-91-022  
10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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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.c, and the guidance of NUREG 0020, attached are the December 1990 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 Nuclear

TFP/DRP/RT

attachments

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

9101230234 901231  
PDR ADOCK 05000250  
R PDR

IF 2A  
11



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE January 11, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH December, 1990

AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/01/90	694
12/02/90	698
12/03/90	696
12/04/90	693
12/05/90	692
12/06/90	695
12/07/90	697
12/08/90	692
12/09/90	697
12/10/90	705
12/11/90	705
12/12/90	361
12/13/90	-17
12/14/90	-18
12/15/90	-15
12/16/90	-11
12/17/90	-5
12/18/90	-5
12/19/90	-5
12/20/90	-5
12/21/90	-5
12/22/90	-4
12/23/90	-4
12/24/90	-5
12/25/90	-5
12/26/90	-5
12/27/90	-4
12/28/90	-5
12/29/90	-3
12/30/90	-3
12/31/90	-3



# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 1/11/91  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: DECEMBER 1990
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	158433.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	278.0	5283.1	104473.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	277.8	5201.1	103055.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH)	609211	11196839	214231642
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	202040	3555115	68615991
18. NET ELECTRICAL ENERGY GENERATED (MMH)	189638	3361669	64878518
19. UNIT SERVICE FACTOR	37.3	59.4	65.0
20. UNIT AVAILABILITY FACTOR	37.3	59.4	65.1
21. CAPACITY FACTOR (USING MDC NET)	38.3	57.6	62.7
22. CAPACITY FACTOR (USING DER NET)	36.8	55.4	59.1
23. UNIT FORCED OUTAGE RATE	0.0	3.8	12.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10/3/91

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE January 11, 1991

COMPLETED BY R. A. Tierney

REPORT MONTH December, 1990

TELEPHONE (305) 246-6970

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
22	901212	S	465.2	H	1	N/A	EE	ENGINE	Unit 3 was removed from service on December 12 for a scheduled Upgrades Outage

1

F Forced  
S Scheduled

2

Reason  
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

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 11, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH December, 1990

Unit 3 operated at essentially full power until December 12, 1990 when the unit was removed from service for a scheduled Upgrades Outage.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE January 11, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH December, 1990

AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/01/90	-3
12/02/90	-2
12/03/90	-2
12/04/90	-2
12/05/90	-2
12/06/90	-2
12/07/90	-2
12/08/90	-2
12/09/90	-2
12/10/90	-2
12/11/90	-2
12/12/90	-2
12/13/90	-2
12/14/90	-1
12/15/90	-1
12/16/90	-1
12/17/90	-1
12/18/90	-1
12/19/90	-1
12/20/90	-1
12/21/90	-1
12/22/90	-1
12/23/90	-1
12/24/90	-1
12/25/90	-1
12/26/90	-1
12/27/90	-1
12/28/90	-2
12/29/90	-2
12/30/90	-2
12/31/90	-2

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 1/11/91  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: DECEMBER 1990
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	152165.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	6802.7	101186.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	0.0	6694.2	97567.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH)	0	14405716	205630060
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	0	4619049	65612880
18. NET ELECTRICAL ENERGY GENERATED (MMH)	-1224	4382468	62053628
19. UNIT SERVICE FACTOR	0.0	76.4	64.1
20. UNIT AVAILABILITY FACTOR	0.0	76.4	64.1
21. CAPACITY FACTOR (USING MDC NET)	0.0	75.1	62.4
22. CAPACITY FACTOR (USING DER NET)	0.0	72.2	58.8
23. UNIT FORCED OUTAGE RATE	0.0	11.4	11.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 11/4/91



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE January 11, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH December<sup>GR</sup>, 1990

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
10	901124	S	744	C	1	N/A	RC	FUELXX	Unit 4 shutdown for a scheduled Upgrades and Refueling Outage.

1

F Forced  
S Scheduled

2

Reason  
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

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 Scheets 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 11, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH December, 1990

Unit 4 was shutdown for a scheduled Upgrades and Refueling Outage. On November 26, 1990 an actuation of the Over Pressure Mitigating System resulting in the opening of a Power Operated Relief Valve.