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ACCESSION NBR: 9010250017 DOC. DATE: ~~90/09/30~~ 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.  
 HARRIS, K.N. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Sept 1990 for Turkey Point Units  
 3 & 4. W/901015 Ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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OCT 15 1990

L-90-363  
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 September 1990 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

*K.N. Harris by THP*

K. N. Harris  
Vice President  
Turkey Point Plant Nuclear

KNH/DRP/RAT/rt

attachments

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

9010250017 900930  
PDR ADOCK 05000250  
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*11*

000 100

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE October 12, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH September, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

9/01/90	658
9/02/90	657
9/03/90	658
9/04/90	658
9/05/90	658
9/06/90	660
9/07/90	660
9/08/90	660
9/09/90	660
9/10/90	661
9/11/90	660
9/12/90	659
9/13/90	658
9/14/90	659
9/15/90	657
9/16/90	657
9/17/90	654
9/18/90	654
9/19/90	652
9/20/90	652
9/21/90	654
9/22/90	654
9/23/90	654
9/24/90	567
9/25/90	432
9/26/90	660
9/27/90	669
9/28/90	672
9/29/90	675
9/30/90	676

# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 10/12/90  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: SEPTEMBER 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: _____	720	6551	156224.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	3540.0	102730.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	720.0	3458.3	101312.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	1559480	7376821	210411624
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	490795	2325810	67386686
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	467112	2191524	63708373
19. UNIT SERVICE FACTOR _____	100.0	52.8	64.9
20. UNIT AVAILABILITY FACTOR _____	100.0	52.8	64.9
21. CAPACITY FACTOR (USING MDC NET) _____	97.4	50.2	62.5
22. CAPACITY FACTOR (USING DER NET) _____	93.6	48.3	58.8
23. UNIT FORCED OUTAGE RATE _____	0.0	5.6	12.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 12/01/90; 296 days - Emergency Power Enhancement Project.			

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



10-10-10

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE October 12, 1990

COMPLETED BY R. A. Tierney

REPORT MONTH September, 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
21	900924	S	0	B	5	N/A	MC	HTEXCH	Unit 3 reduced Power to perform the Turbine Valve test. Upon completion of the test Unit 3 remained at reduced power to inspect and clean the north and south waterboxes

**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. 50-250

UNIT Turkey Point #3

DATE October 12, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH September, 1990

Unit 3 operated at essentially full power with a power reduction on September 24. Unit 3 reduced power on September 24 to perform the Turbine Valve Test. Upon, satisfactory completion of the test Unit 3 remained at reduced power to perform an inspection and cleaning of the North and South Waterboxes. Unit 3 was returned to full power on September 25, 1990.

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 10/12/90  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: SEPTEMBER 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: _____	720	6551	149956.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	5479.4	99863.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	720.0	5375.6	96248.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	1543601	11563311	202787655
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	489020	3707519	64701350
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	465651	3516780	61187940
19. UNIT SERVICE FACTOR _____	100.0	82.1	64.2
20. UNIT AVAILABILITY FACTOR _____	100.0	82.1	64.2
21. CAPACITY FACTOR (USING MDC NET) _____	97.1	80.6	62.5
22. CAPACITY FACTOR (USING DER NET) _____	93.3	77.5	58.9
23. UNIT FORCED OUTAGE RATE _____	0.0	13.8	12.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 11/15/90; 346 days - Emergency Power Enhancement Project.			

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



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE October 12, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH September, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

9/01/90	662
9/02/90	662
9/03/90	664
9/04/90	663
9/05/90	662
9/06/90	662
9/07/90	661
9/08/90	662
9/09/90	661
9/10/90	664
9/11/90	661
9/12/90	577
9/13/90	366
9/14/90	600
9/15/90	655
9/16/90	659
9/17/90	659
9/18/90	657
9/19/90	656
9/20/90	657
9/21/90	658
9/22/90	658
9/23/90	659
9/24/90	662
9/25/90	666
9/26/90	669
9/27/90	663
9/28/90	664
9/29/90	667
9/30/90	668

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE October 12, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH September, 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
7	900912	S	0	B	5	N/A	HJ	HTEXCH	Unit 4 reduced power to perform the Turbine Valve test. Upon completion of the test Unit 4 remained at reduced power to inspect and clean the Turbine Plant Cooling Water Heat Exchanger

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. 50-251

UNIT Turkey Point #4

DATE October 12, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH September, 1990

Unit 4 operated at essentially full power with a power reduction on September 12. Unit 4 reduced power on September 12 to perform the Turbine Valve Test. Upon, satisfactory completion of the test Unit 4 remained at reduced power to perform an inspection and cleaning of the Turbine Plant Cooling Water Heat Exchanger. Unit 4 was returned to full power on September 14, 1990.