

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9011260121 DOC. DATE: 90/10/31 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.  
 PLUNKETT, T.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1990 for Turkey Point Units  
 3 & 4. W/901115 ltr.

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MR [signature]



NOV 15 1990

L-90-401  
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.c, and the guidance of NUREG 0020, attached are the October 1990 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

T. F. Plunkett  
Site Vice President  
Turkey Point Plant Nuclear

TFP/DRP/RAT/rt

attachments

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

9011260121 901031  
PDR ADOCK 05000250  
R PDC

IF 24  
11

000 01 200

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE November 9, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH October, 1990

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

10/01/90	668
10/02/90	662
10/03/90	661
10/04/90	661
10/05/90	660
10/06/90	665
10/07/90	668
10/08/90	669
10/09/90	677
10/10/90	669
10/11/90	672
10/12/90	667
10/13/90	661
10/14/90	659
10/15/90	656
10/16/90	658
10/17/90	664
10/18/90	664
10/19/90	659
10/20/90	656
10/21/90	657
10/22/90	662
10/23/90	659
10/24/90	654
10/25/90	653
10/26/90	671
10/27/90	686
10/28/90	682
10/29/90	680
10/30/90	678
10/31/90	615

# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 11/09/90  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: OCTOBER 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:	745	7296	156969.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	4285.0	103475.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	745.0	4203.3	102057.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH)	1630270	9007091	212041894
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	518180	2843990	67904866
18. NET ELECTRICAL ENERGY GENERATED (MMH)	494454	2685978	64202827
19. UNIT SERVICE FACTOR	100.0	57.6	65.0
20. UNIT AVAILABILITY FACTOR	100.0	57.6	65.1
21. CAPACITY FACTOR (USING MOC NET)	99.7	55.3	62.7
22. CAPACITY FACTOR (USING DER NET)	95.8	53.1	59.0
23. UNIT FORCED OUTAGE RATE	0.0	4.8	12.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			
12/11/90; FOR 301 DAYS; EMERGENCY POWER ENHANCEMENT PROJECT			

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 November 9, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH October 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
									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 (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 November 9, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH October, 1990

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

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251  
 UNIT NAME Turkey Point #4  
 DATE November 9, 1990  
 COMPLETED BY R. A. Tierney  
 TELEPHONE (305) 246-6970

REPORT MONTH October 1990

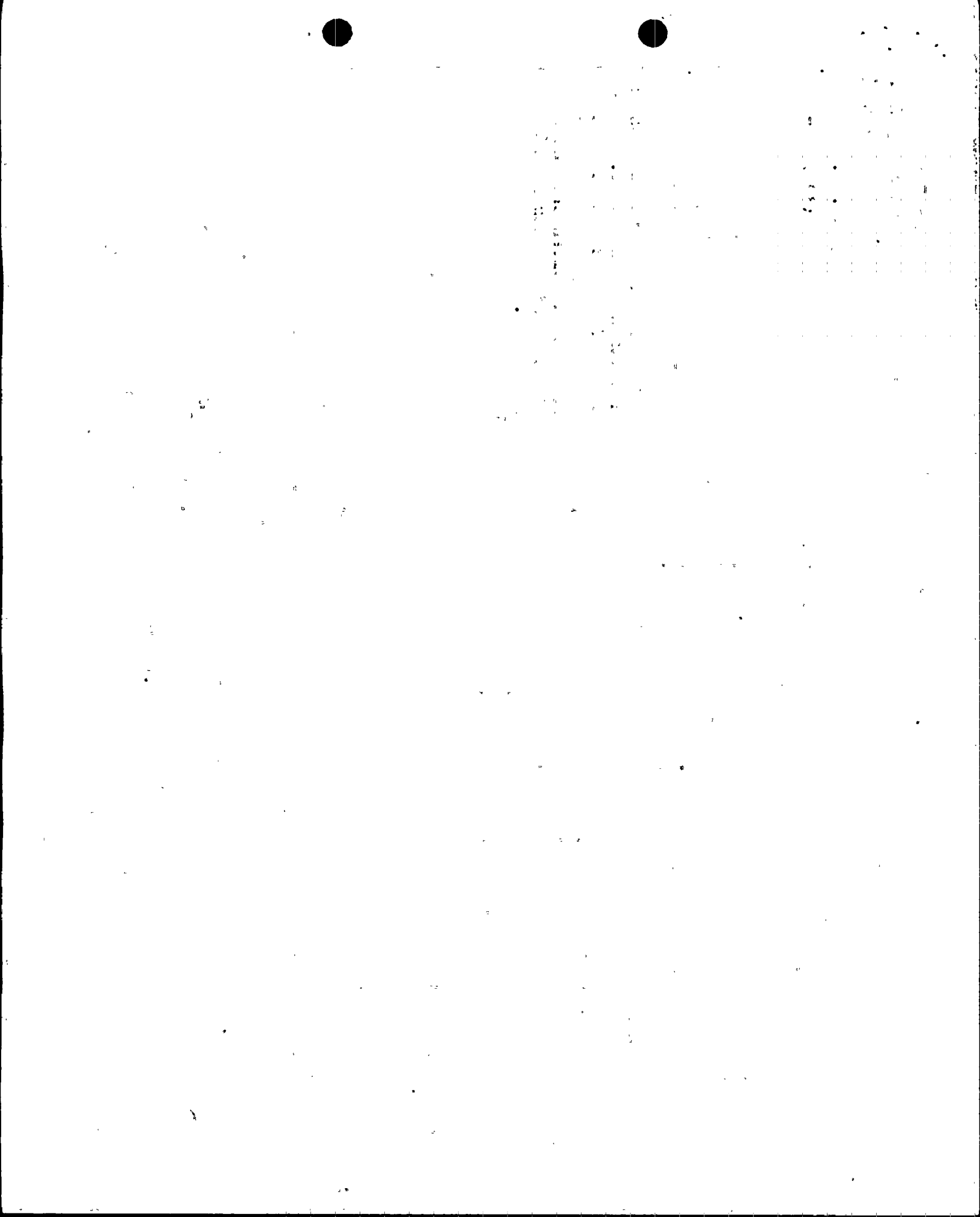
No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
8	901019	S	0	B	5	N/A	HJ	HTEXCH	UNIT 4 reduced power to perform the 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



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE November 9, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH October, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/01/90	667
10/02/90	665
10/03/90	665
10/04/90	663
10/05/90	663
10/06/90	667
10/07/90	671
10/08/90	672
10/09/90	674
10/10/90	675
10/11/90	674
10/12/90	669
10/13/90	664
10/14/90	663
10/15/90	660
10/16/90	673
10/17/90	666
10/18/90	666
10/19/90	608
10/20/90	355
10/21/90	598
10/22/90	665
10/23/90	663
10/24/90	660
10/25/90	662
10/26/90	676
10/27/90	686
10/28/90	684
10/29/90	682
10/30/90	681
10/31/90	678



# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 11/09/90  
 COMPLETED BY R.A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: OCTOBER 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:	745	7296	150701.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6224.4	100608.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	745.0	6120.6	96993.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH)	1609553	13172864	204397208
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	512355	4219874	65213705
18. NET ELECTRICAL ENERGY GENERATED (MMH)	488214	4004994	61676154
19. UNIT SERVICE FACTOR	100.0	83.9	64.4
20. UNIT AVAILABILITY FACTOR	100.0	83.9	64.4
21. CAPACITY FACTOR (USING MDC NET)	98.4	82.4	62.7
22. CAPACITY FACTOR (USING DER NET)	94.6	79.2	59.1
23. UNIT FORCED OUTAGE RATE	0.0	12.3	12.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			
11/25/90; 346 DAYS; EMERGENCY POWER ENHANCEMENT PROJECT			

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



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE November 9, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH October, 1990

Unit 4 operated at essentially full power with a power reduction on October 19. Unit 4 reduced power on October 19 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 October 21, 1990.



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