

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9103180220 DOC.DATE: 91/02/28 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  
TIERNEY,R.A. Florida Power & Light Co.  
PLUNKETT,T.F. Florida Power & Light Co.  
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1991 for Turkey Point Units  
3 & 4.W/910312 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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mr hwt

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies growing on the selective medium. The results are the mean of three independent experiments. Error bars represent standard deviation.





MAR 12 1991

L-91-073  
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 February 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 Plant Nuclear

attachments

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

9103180220 910228  
PDR ADOCK 05000250  
R PDR

TE24

1994 1 11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE March 8, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH February, 1991

AVERAGE DAILY POWER LEVEL

(MWe-Net)

02/01/91	0
02/02/91	0
02/03/91	0
02/04/91	0
02/05/91	0
02/06/91	0
02/07/91	0
02/08/91	0
02/09/91	0
02/10/91	0
02/11/91	0
02/12/91	0
02/13/91	0
02/14/91	0
02/15/91	0
02/16/91	0
02/17/91	0
02/18/91	0
02/19/91	0
02/20/91	0
02/21/91	0
02/22/91	0
02/23/91	0
02/24/91	0
02/25/91	0
02/26/91	0
02/27/91	0
02/28/91	0



# OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 3/ 8/91  
 COMPLETED BY R. A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: FEBRUARY 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: _____	672	1416	159849.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	0.0	104473.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	0.0	0.0	103055.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	0	0	214231642
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	0	0	68615991
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	-1484	-3259	64875259
19. UNIT SERVICE FACTOR _____	0.0	0.0	64.5
20. UNIT AVAILABILITY FACTOR _____	0.0	0.0	64.5
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	0.0	62.1
22. CAPACITY FACTOR (USING DER NET) _____	0.0	0.0	58.6
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	12.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS ;			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10/03/91





# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE March 8, 1991

COMPLETED BY Rod A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH February, 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
22	901212	S	672	H	1	N/A	EE	Engine	Unit 3 was shutdown 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 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 March 8, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH February, 1991

Unit 3 was shutdown on December 12, 1990 for a scheduled Upgrades Outage.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE March 8, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH February, 1991

AVERAGE DAILY POWER LEVEL

(MWe-Net)

02/01/91	0
02/02/91	0
02/03/91	0
02/04/91	0
02/05/91	0
02/06/91	0
02/07/91	0
02/08/91	0
02/09/91	0
02/10/91	0
02/11/91	0
02/12/91	0
02/13/91	0
02/14/91	0
02/15/91	0
02/16/91	0
02/17/91	0
02/18/91	0
02/19/91	0
02/20/91	0
02/21/91	0
02/22/91	0
02/23/91	0
02/24/91	0
02/25/91	0
02/26/91	0
02/27/91	0
02/28/91	0

# OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 3/ 8/91  
 COMPLETED BY R. A. TIERNEY  
 TELEPHONE 305/246/6970

## OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: FEBRUARY 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: _____	672	1416	153581.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	0.0	101186.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	0.0	0.0	97567.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	0	0	205630060
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	0	0	65612880
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	-1015	-2198	62051430
19. UNIT SERVICE FACTOR _____	0.0	0.0	63.5
20. UNIT AVAILABILITY FACTOR _____	0.0	0.0	63.5
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	0.0	61.8
22. CAPACITY FACTOR (USING DER NET) _____	0.0	0.0	58.3
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	11.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 11/04/91

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE March 8, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH February, 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
10	901124	S	672	C/H	1	N/AS	RC/EE	FUELXX ENGINE	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 March 8, 1991

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH February, 1991

Unit 4 was shutdown for a scheduled Upgrades and Refueling Outage.  
On November 26, 1990.