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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
CALLANDER, R. Florida Power & Light Co.
PLUNKETT, T.F. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Sept 1993 for Turkey Point, units
3 & 4. W/931015 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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L-93-258
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OCT 15 1993

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 September 1993 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/RCC/rc

attachments

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

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9310220143 930930
PDR ADCK 05000250
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IE24

11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

50-250
TURKEY POINT #3
OCTOBER 8, 1993
R. CALLANDER
305-246-6818

MONTH SEPTEMBER 1993

AVERAGE DAILY POWER LEVEL

(MWe-Net)

09/01/93	671
09/02/93	676
09/03/93	677
09/04/93	668
09/05/93	664
09/06/93	663
09/07/93	662
09/08/93	579
09/09/93	316
09/10/93	371
09/11/93	657
09/12/93	671
09/13/93	675
09/14/93	680
09/15/93	682
09/16/93	681
09/17/93	680
09/18/93	678
09/19/93	677
09/20/93	676
09/21/93	676
09/22/93	675
09/23/93	676
09/24/93	676
09/25/93	677
09/26/93	680
09/27/93	676
09/28/93	680
09/29/93	683
09/30/93	592

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME: TURKEY POINT UNIT 3
 DATE: October 8, 1993
 COMPLETED BY: R. Callander
 TELEPHONE: (305) 246-6818

REPORT MONTH SEPTEMBER 1993

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report#	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
10	090893	S	0.0	B	5	N/A	HA	TURBIN	TURBINE VALVE TEST
11	090893	S	0.0	B	5	N/A	WA	HTEXCH	TPCW HEAT EXCHANGER CLEANING
12	090993	S	0.0	B	5	N/A	HC	HTEXCH	WATERBOX CLEANING
13	093093	S	2.1	B	1	250-93-6	CA	VESSEL	PRESSURIZER MANWAY LEAK REPAIR

1

F - Forced
 S - Scheduled

2

Reason
 A - Equipment Failure
 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

OPERATING DATA REPORT

DOCKET NO 50 - 250
DATE 10/ 8/93
COMPLETED BY R. CALLANDER
TELEPHONE 305/246/6818

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: SEPTEMBER 1993
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	182528.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	717.8	6432.7	119192.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	717.8	6396.3	117507.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1520395	13822724	243729651
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	488890	4489510	78131636
18. NET ELECTRICAL ENERGY GENERATED (MWH)	465454	4276455	73888615
19. UNIT SERVICE FACTOR	99.7	97.6	64.4
20. UNIT AVAILABILITY FACTOR	99.7	97.6	64.4
21. CAPACITY FACTOR (USING MDC NET)	97.1	98.0	61.8
22. CAPACITY FACTOR (USING DER NET)	93.3	94.2	58.4
23. UNIT FORCED OUTAGE RATE	0.0	2.3	12.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : CYCLE 14 REFUELING SCHEDULED FOR 3/94			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10/07/93



11/11/11

1

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17

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT: Turkey Point #3
DATE: October 8, 1993
COMPLETED BY: R. C. Callander
TELEPHONE: (305) 246-6818

REPORT MONTH SEPTEMBER 1993

Unit 3 began the month of September at essentially 100% power and retained that status until September 8, when the unit was brought down to 40% power for a turbine valve test. The turbine valve test was successfully completed September 8, but the unit remained at or below 60% power for cleaning of the TPCW heat exchangers and waterboxes. The unit returned to 100% power on September 11.

The unit remained at essentially 100% power until September 30, when it was brought off line to repair a leak on the pressurizer manway cover.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

50-251
TURKEY POINT #4
OCTOBER 8, 1993
R. CALLANDER
305-246-6818

MONTH SEPTEMBER 1993

AVERAGE DAILY POWER LEVEL

(MWe-Net)

09/01/93	659
09/02/93	663
09/03/93	665
09/04/93	654
09/05/93	643
09/06/93	634
09/07/93	661
09/08/93	667
09/09/93	669
09/10/93	667
09/11/92	665
09/12/93	666
09/13/93	670
09/14/93	676
09/15/93	679
09/16/93	678
09/17/93	675
09/18/93	675
09/19/93	675
09/20/93	673
09/21/93	503
09/22/93	519
09/23/93	674
09/24/93	675
09/25/93	677
09/26/93	678
09/27/93	676
09/28/93	680
09/29/93	682
09/30/93	653

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
 UNIT NAME: TURKEY POINT UNIT 4
 DATE: OCTOBER 8, 1993
 COMPLETED BY: R. Callander
 TELEPHONE: (305) 246-6818

REPORT MONTH SEPTEMBER 1993

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report#	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
13	092193	S	23.5	B	5	N/A	HC	HTEXCH	REPAIR TUBE LEAK ON THE "B" WATERBOX

1

F - Forced
 S - Scheduled

2

Reason
 A - Equipment Failure
 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

OPERATING DATA REPORT

DOCKET NO 50 - 251
DATE 10/ 8/93
COMPLETED BY R. CALLANDER
TELEPHONE 305/246/6818

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: SEPTEMBER 1993
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	176260.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5232.7	115071.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	720.0	5070.7	111116.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	577.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1562586	10768837	234343172
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	497290	3455975	74814945
18. NET ELECTRICAL ENERGY GENERATED (MWH)	473558	3278581	70767522
19. UNIT SERVICE FACTOR	100.0	77.4	63.0
20. UNIT AVAILABILITY FACTOR	100.0	77.4	63.4
21. CAPACITY FACTOR (USING MDC NET)	98.8	75.1	61.3
22. CAPACITY FACTOR (USING DER NET)	94.9	72.2	57.9
23. UNIT FORCED OUTAGE RATE	0.0	2.9	11.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			
NONE			

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: October 8, 1993
COMPLETED BY: R. C. Callander
TELEPHONE: (305) 246-6818

REPORT MONTH SEPTEMBER 1993

Unit 4 began the month of September at 100% power and remained at essentially that level until September 21. On September 21, the unit was brought to less than 30% power to repair a tube leak on the "B" waterbox.

The unit returned to 100% power on September 22 and remained at essentially that level through the end of the month.

