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ACCESSION NBR: 9401240146 DOC. DATE: ~~93/12/31~~ 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
 KNORR, J.E. Florida Power & Light Co.
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1993 for Turkey Point Units
 3 & 4. ~~W/940113~~ Ltr.

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JAN 13 1994

L-94-008
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 December 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/JEK/jk

attachments

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

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an FPL Group company

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

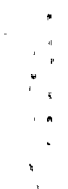
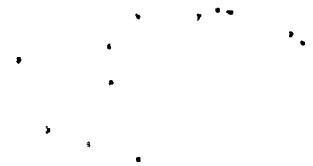
50-250
TURKEY POINT #3
JANUARY 8, 1994
J. E. KNORR
305-246-6757

MONTH DECEMBER 1993

AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/01/93	701
12/02/93	700
12/03/93	699
12/04/93	695
12/05/93	690
12/06/93	692
12/07/93	697
12/08/93	696
12/09/93	693
12/10/93	692
12/11/93	690
12/12/93	703
12/13/93	700
12/14/93	698
12/15/93	697
12/16/93	706
12/17/93	700
12/18/93	704
12/19/93	698
12/20/93	693
12/21/93	692
12/22/93	695
12/23/93	693
12/24/93	694
12/25/93	698
12/26/93	703
12/27/93	705
12/28/93	702
12/29/93	694
12/30/93	693
12/31/93	693



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME: TURKEY POINT UNIT 3
 DATE: January 8, 1994
 COMPLETED BY: J. E. Knorr
 TELEPHONE: (305) 246-6757

REPORT MONTH DECEMBER 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
NA	N/A	N/A	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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 1/ 7/94
COMPLETED BY J. E. KNORR
TELEPHONE 305/246/6757

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: DECEMBER 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:	744	8760	184737.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	8501.0	121260.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	744.0	8422.6	119533.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1637596	18232911	248139838
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	543065	5939690	79581816
18. NET ELECTRICAL ENERGY GENERATED (MWH)	518542	5657345	75269505
19. UNIT SERVICE FACTOR	100.0	96.1	64.7
20. UNIT AVAILABILITY FACTOR	100.0	96.1	64.8
21. CAPACITY FACTOR (USING MDC NET)	104.6	97.0	62.2
22. CAPACITY FACTOR (USING DER NET)	100.6	93.2	58.8
23. UNIT FORCED OUTAGE RATE	0.0	1.8	11.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			
CYCLE 14 REFUELING OUTAGE SCHEDULED 4/94			

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

[illegible]

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT:	<u>Turkey Point #3</u>
DATE:	<u>January 8, 1994</u>
COMPLETED BY:	<u>J. E. Knorr</u>
TELEPHONE:	<u>(305) 246-6757</u>

REPORT MONTH DECEMBER 1993

Unit 3 began the month of December at 100% power and retained that status through the end of the month.



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100

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Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	85	75	65
2	80	70	60
3	75	65	55
4	70	60	50
5	75	65	55

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.
UNIT
DATE
COMPLETED BY
TELEPHONE

50-251
TURKEY POINT #4
JANUARY 8, 1994
J. E. KNORR
305-246-6757

MONTH DECEMBER 1993
AVERAGE DAILY POWER LEVEL
(MWe-Net)

12/01/93	699
12/02/93	699
12/03/93	697
12/04/93	695
12/05/93	690
12/06/93	691
12/07/93	695
12/08/93	695
12/09/93	694
12/10/93	694
12/11/92	693
12/12/93	701
12/13/93	704
12/14/93	701
12/15/93	698
12/16/93	701
12/17/93	704
12/18/93	703
12/19/93	698
12/20/93	694
12/21/93	691
12/22/93	694
12/23/93	693
12/24/93	695
12/25/93	698
12/26/93	704
12/27/93	704
12/28/93	701
12/29/93	695
12/30/93	690
12/31/93	693



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[illegible]

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251
 UNIT NAME: TURKEY POINT UNIT 4
 DATE: JANUARY 8, 1994
 COMPLETED BY: J. E. KNORR
 TELEPHONE: (305) 246-6757

REPORT MONTH DECEMBER 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
N/A	N/A	N/A	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT:	<u>Turkey Point #4</u>
DATE:	<u>January 8, 1994</u>
COMPLETED BY:	<u>J. E. Knorr</u>
TELEPHONE:	<u>(305) 246-6757</u>

REPORT MONTH DECEMBER 1993

Unit 4 began the month of December at 100% power and retained that status through the end of the month.

OPERATING DATA REPORT

DOCKET NO 50 - 251
DATE 1/ 7/94
COMPLETED BY J. E. KNORR
TELEPHONE 305/246/6757

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: DECEMBER 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:	744	8760	178469.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	7441.7	117280.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	744.0	7279.7	113325.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	577.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1637791	15485620	239059055
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	542820	4995000	76353970
18. NET ELECTRICAL ENERGY GENERATED (MWH)	518449	4746291	72235232
19. UNIT SERVICE FACTOR	100.0	83.1	63.5
20. UNIT AVAILABILITY FACTOR	100.0	83.1	63.8
21. CAPACITY FACTOR (USING MDC NET)	104.6	81.4	61.8
22. CAPACITY FACTOR (USING DER NET)	100.6	78.2	58.4
23. UNIT FORCED OUTAGE RATE	0.0	2.0	11.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			
NONE			

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



Country	1980	1985	1990	1995	2000
Japan	15.0	16.5	18.0	19.0	20.0
Germany	12.0	13.0	14.0	14.5	15.0
Italy	11.0	12.0	13.0	13.5	14.0
France	10.0	11.0	12.0	12.5	13.0
Spain	9.0	10.0	11.0	11.5	12.0
Canada	8.0	8.5	9.0	10.0	11.0
Sweden	7.0	7.5	8.0	9.0	10.0
U.S.	6.0	6.5	7.0	8.0	9.0

1. \mathcal{M} is a \mathcal{C}^* -algebra.

Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	95	85	75
2	90	80	70
3	85	75	65
4	80	70	60
5	85	75	65