

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9611210008 DOC. DATE: 96/10/31 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
KNORR, J.E. Florida Power & Light Co.
HOVEY, R.J. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1996 for Turkey Point, Units
1 & 2. W/961113 ltr.

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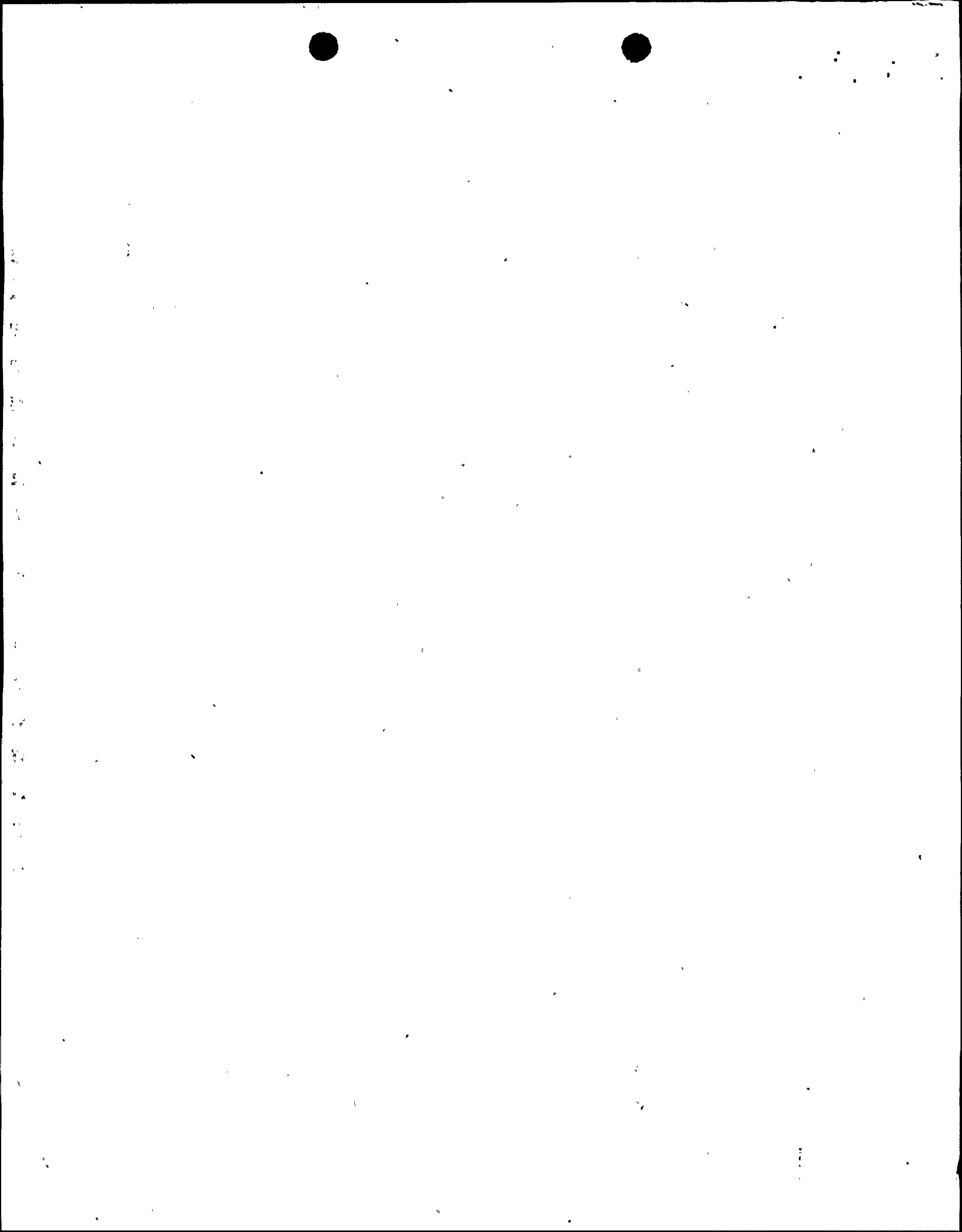
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10 CFR §50.36




U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

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 October 1996 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4. Please note that Thermal Power was increased from 2200 to 2300 MW on each unit during the month. Maximum dependable capacity values have been approximated pending further testing. A revised October report will be provided if significant changes in these values are made.

Very truly yours,


R. J. Hovey
Vice President
Turkey Point Plant

JEK

Attachments

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

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
UNIT Turkey Point #3
DATE Nov 08, 1996
COMPLETED BY J. E. Knorr
TELEPHONE (305) 246 - 6757

MONTH October, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
10/01/96	676
10/02/96	678
10/03/96	677
10/04/96	677
10/05/96	678
10/06/96	678
10/07/96	674
10/08/96	675
10/09/96	673
10/10/96	672
10/11/96	693
10/12/96	715
10/13/96	718
10/14/96	715
10/15/96	714
10/16/96	712
10/17/96	707
10/18/96	706
10/19/96	709
10/20/96	715
10/21/96	713
10/22/96	711
10/23/96	709
10/24/96	708
10/25/96	708
10/26/96	710
10/27/96	710
10/28/96	711
10/29/96	711
10/30/96	707
10/31/96	704



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME: Turkey Point #3
 DATE: November 8, 1996
 COMPLETED BY: J. E. Knorr
 TELEPHONE: (305) 246-6757

REPORT MONTH October 1996

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									

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	11/08/96
PREPARED BY	J. E. Knorr
TELEPHONE	(305) 246-6757

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: October, 1996
3. LICENSED THERMAL POWER (MWT) : _____ 2300
4. NAMEPLATE RATING (GROSS MWE) : _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE) : _____ 723
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : _____ 729
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : _____ 696
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT,
GIVE REASONS : Ratings have changed due to an NRC approved increase in Thermal Power. Net capacity ratings are approximate pending further testing.
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. REASONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD : _____	745.0	7320.0	209577.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	7081.6	143987.5
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	745.0	7027.4	141923.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1683292	15186257	296217276
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	545254	4929709	95166694
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	520632	4693751	90107147
19. UNIT SERVICE FACTOR _____	100.0	96.0	67.7
20. UNIT AVAILABILITY FACTOR _____	100.0	96.0	67.8
21. CAPACITY FACTOR (USING MDC NET) _____	101.9	96.0	61.9
22. CAPACITY FACTOR (USING DER NET) _____	98.0	92.3	59.5
23. UNIT FORCED OUTAGE RATE _____	0.0	4.0	10.4

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :

Refueling scheduled for March 1997

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



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT: Turkey Point #3
DATE: November 8, 1996
COMPLETED BY: J. E. Knorr
TELEPHONE: (305) 246-6757

REPORT MONTH October 1996

Unit 3 operated at approximately 100% reactor power through the month of October. Thermal power was increased from 2200 MW to 2300 MW on October 11, 1996.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
UNIT Turkey Point #4
DATE Nov 08, 1996
COMPLETED BY J. E. Knorr
TELEPHONE (305) 246 - 6757

MONTH October, 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/01/96	668
10/02/96	669
10/03/96	669
10/04/96	670
10/05/96	670
10/06/96	671
10/07/96	592
10/08/96	495
10/09/96	556
10/10/96	669
10/11/96	675
10/12/96	575
10/13/96	679
10/14/96	679
10/15/96	679
10/16/96	676
10/17/96	673
10/18/96	671
10/19/96	674
10/20/96	678
10/21/96	523
10/22/96	0
10/23/96	0
10/24/96	0
10/25/96	627
10/26/96	685
10/27/96	680
10/28/96	683
10/29/96	701
10/30/96	708
10/31/96	708

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
 UNIT NAME: Turkey Point # 4
 DATE: Nov 08, 1996
 COMPLETED BY: J. E. Knorr
 TELEPHONE: (305) 246-6757

REPORT MONTH OCTOBER 1996

No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence:
00001024	10/07/96	S	0.0	A	5	N/A	HH	VALVEX	Feedwater heater tube side relief valve lift and repair
00001025	10/09/96	S	0.0	A	4	N/A	RB	INSTRU	RPI versus Demand Counter realignment
00001026	10/12/96	S	0.0	A	5	N/A	CH	VALVEX	Replacement of Steam Generator Feed Pump relief valve after failure
00001027	10/21/96	S	73.8	A	5	N/A	HH	HTEXCH	Isolated the 2A feedwater heat exchanger and plugged tubes

1. F Forced
S Scheduled

2. 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. 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 I - Same Source



OPERATING DATA REPORT

DOCKET NO	50 - 251
DATE	11/08/96
PREPARED BY	J. E. Knorr
TELEPHONE	(305) 246-6767

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: October, 1996
3. LICENSED THERMAL POWER (MWT): _____ 2300
4. NAMEPLATE RATING (GROSS MWE): _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE): _____ 723
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____ 729
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____ 696
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT,
GIVE REASONS : Ratings have changed due to an NRC approved increase in Thermal Power. Net capacity ratings are approximate pending further testing.
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. REASONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD : _____	745.0	7320.0	203309.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	6503.2	139989.0
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	671.2	6308.8	135702.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	577.2
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1436606	13506775	287180032
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	462336	4322698	91861839
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	438687	4109405	86998820
19. UNIT SERVICE FACTOR _____	90.1	86.2	66.7
20. UNIT AVAILABILITY FACTOR _____	90.1	86.2	67.0
21. CAPACITY FACTOR (USING MDC NET) _____	88.1	84.3	61.6
22. CAPACITY FACTOR (USING DER NET) _____	84.7	81.0	59.3
23. UNIT FORCED OUTAGE RATE _____	0.0	0.4	9.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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



100

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251
UNIT: Turkey Point #4
DATE: November 8, 1996
COMPLETE BY: J. E. Knorr
TELEPHONE: (305) 246-6757

REPORT MONTH October 1996

Unit 4 operated at approximately 100% reactor until October 7, 1996. Power was reduced to less than 80% to repair a feedwater heater relief valve. During the subsequent return to 100% power on October 9, a rod position indication misalignment with demand position was realigned and 100% power was reached late that day. Power was reduced to less than 60% power to replace a failed steam generator feedwater pump suction relief valve on October 12. Power was returned to 100% early the next morning. On the evening of October 21, the plant was taken to Mode 2 for plugging of tubes in the 2A feedwater heater. The plant was returned to the grid on October 24 and reached 100% power early on October 25. Thermal power was increased from 2200 MW to 2300 MW on October 29, 1996. The plant operated at essentially 100% power through the end of the month.



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