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ACCESSION NBR: 9001230158 DOC. DATE: ~~89/12/31~~ 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
 BONETT, D.M. Florida Power & Light Co.
 HARRIS, K.N. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1989 for Turkey Point Units
 3 & 4. W/900116 ltr.

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P.O. Box 14000, Juno Beach, FL 33408-0420

JAN 16 1990

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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

Attached are the December 1989 Operating Status and Summary of
Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

J. E. Cross For K. N. HARRIS.

K. N. Harris
Vice President
Turkey Point Plant Nuclear

KNH/DMB

Attachments

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

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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE January 16, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1989

Unit 3 reduced power to perform a turbine valve test. Full power operation was resumed.

The unit was shutdown for the 3B and 3C Main Steam Isolation Valve Connection Box inspection and repair. Full power operation was delayed for secondary chemistry and axial flux control.



OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 1/16/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: DECEMBER 1989
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	149673.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5806.5	99190.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	736.7	5697.4	97854.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1547473	11841054	203034803
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	503980	3798350	65060876
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	480008	3586305	61516849
19. UNIT SERVICE FACTOR _____	99.0	65.0	65.4
20. UNIT AVAILABILITY FACTOR _____	99.0	65.0	65.5
21. CAPACITY FACTOR (USING MDC NET) _____	96.9	61.5	62.9
22. CAPACITY FACTOR (USING DER NET) _____	93.1	59.1	59.3
23. UNIT FORCED OUTAGE RATE _____	1.0	15.8	12.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 2/4/90; REFUELING _____			

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



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE January 16, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH December, 1989

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

12/ 1/89	691
12/ 2/89	690
12/ 3/89	689
12/ 4/89	701
12/ 5/89	698
12/ 6/89	691
12/ 7/89	684
12/ 8/89	475
12/ 9/89	604
12/10/89	685
12/11/89	692
12/12/89	693
12/13/89	686
12/14/89	693
12/15/89	693
12/16/89	689
12/17/89	684
12/18/89	675
12/19/89	668
12/20/89	666
12/21/89	670
12/22/89	675
12/23/89	684
12/24/89	701
12/25/89	138
12/26/89	306
12/27/89	609
12/28/89	695
12/29/89	698
12/30/89	692
12/31/89	684

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE January 16, 1990

COMPLETED BY D. M. Bonett

REPORT MONTH December, 1989

TELEPHONE (407) 694-4432

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	891208	S	0.0	B	5		HA	TURBIN	Unit 3 reduced power to perform a turbine valve test. Full power operation was resumed.
14	891225	F	7.3	B	1		CD	ELECON	The unit was shutdown for the 3B and 3C Main Steam Isolation Valve Connection Box inspection and repair. Full power operation was delayed for secondary chemistry and axial flux control.

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)

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Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE January 16, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1989

Unit 4 reduced power to repair a condenser tube leak. Full power operation was then resumed.

Later, the unit reduced power again to repair another condenser tube leak.

While returning to full power operation, the unit tripped due to the 4A Main Steam Isolation Valve closing. The MSIV connection box was inspected and repaired. Full power operation was delayed for secondary chemistry control and to repair a condenser leak in a waterbox.



OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 1/16/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: DECEMBER 1989
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	143405.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	647.1	4147.2	94383.7
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	641.6	3678.8	90872.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1145276	7141924	191224344
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	362100	2245029	60993831
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	341319	2087901	57671160
19. UNIT SERVICE FACTOR _____	86.2	42.0	63.4
20. UNIT AVAILABILITY FACTOR _____	86.2	42.0	63.4
21. CAPACITY FACTOR (USING MDC NET) _____	68.9	35.8	61.6
22. CAPACITY FACTOR (USING DER NET) _____	66.2	34.4	58.0
23. UNIT FORCED OUTAGE RATE _____	13.8	24.3	12.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE January 16, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH December, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/ 1/89	696
12/ 2/89	695
12/ 3/89	690
12/ 4/89	701
12/ 5/89	691
12/ 6/89	691
12/ 7/89	688
12/ 8/89	688
12/ 9/89	685
12/10/89	211
12/11/89	98
12/12/89	335
12/13/89	647
12/14/89	694
12/15/89	700
12/16/89	697
12/17/89	689
12/18/89	689
12/19/89	583
12/20/89	208
12/21/89	333
12/22/89	346
12/23/89	453
12/24/89	-9
12/25/89	-22
12/26/89	-18
12/27/89	-19
12/28/89	194
12/29/89	384
12/30/89	380
12/31/89	427

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE January 16, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH December, 1989

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
26	891210	F	0.0	A	5		HC	HTEXCH	Unit 4 reduced power to repair a condenser tube leak. Full power operation was then resumed.
27	891219	F	0.0	A	5		HC	HTEXCH	Unit 4 reduced power to repair a condenser tube leak.
28	891223	F	102.4	A	3	251-89-020	CD	ELECON	While returning to full power operation, unit 4's reactor tripped due to the 4A Main Steam Isolation Valve closing. The MSIV connection box was inspected and repaired. Full power operation was delayed for secondary chemistry control and to repair a condenser leak in a waterbox.

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

