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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
 TIERNEY, R.A. Florida Power & Light Co.
 HARRIS, K.N. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1990 for Turkey Point Units
 1 & 2.W/900914 ltr.

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SEP 14 1990

L-90-337
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.c, and the guidance of NUREG 0020, attached are the August 1990 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,


K. N. Harris
Vice President
Turkey Point Plant Nuclear

KNH/DRP/RAT/rt

attachments

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

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R PDC

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SEP 14 1980

11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE September 14, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH August, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

8/ 1/90	665
8/ 2/90	664
8/ 3/90	659
8/ 4/90	659
8/ 5/90	658
8/ 6/90	659
8/ 7/90	662
8/ 8/90	659
8/ 9/90	654
8/10/90	659
8/11/90	658
8/12/90	662
8/13/90	661
8/14/90	661
8/15/90	659
8/16/90	657
8/17/90	654
8/18/90	659
8/19/90	656
8/20/90	656
8/21/90	645
8/22/90	639
8/23/90	563
8/24/90	406
8/25/90	626
8/26/90	651
8/27/90	655
8/28/90	660
8/29/90	661
8/30/90	660
8/31/90	660



OPERATING DATA REPORT

DOCKET NO 50 - 250
DATE 9/14/90
COMPLETED BY R.A. TIERNEY
TELEPHONE 305/246/6970

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: AUGUST 1990
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	5831	155504.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2820.0	102010.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	744.0	2738.3	100592.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1613090	5817340	208852143
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	504435	1835015	66875891
18. NET ELECTRICAL ENERGY GENERATED (MWH)	479940	1724412	63241261
19. UNIT SERVICE FACTOR	100.0	47.0	64.7
20. UNIT AVAILABILITY FACTOR	100.0	47.0	64.8
21. CAPACITY FACTOR (USING MDC NET)	96.9	44.4	62.3
22. CAPACITY FACTOR (USING DER NET)	93.1	42.7	58.7
23. UNIT FORCED OUTAGE RATE	0.0	9.6	12.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :	12/01/90; 296 Days - Emergency Diesel Generator Work.		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE September 14, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH August, 1990

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
20	900823	5	18:44	B	5	N/A	SG	COND	Unit 3 reduced Power to perform the Turbine Valve test. Upon completion of the test Unit 3 remained at reduced power to inspect and clean the north and south waterboxes.

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)

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Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE September 14, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH August, 1990

Unit 3 operated at essentially full power with a power reduction on August 23. Unit 3 reduced power on August 23 to perform the Turbine Valve Test. Upon, satisfactory completion of the test Unit 3 remained at reduced power to perform an inspection and cleaning of the North and South Waterboxes. Unit 3 was returned to full power on August 24, 1990.



11

12

13

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE September 14, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

MONTH August, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

8/ 1/90	-3
3/ 2/90	-4
8/ 3/90	-16
3/ 4/90	-21
8/ 5/90	-7
3/ 6/90	408
8/ 7/90	660
3/ 8/90	659
8/ 9/90	453
8/10/90	346
8/11/90	587
3/12/90	449
8/13/90	-21
3/14/90	197
8/15/90	662
3/16/90	662
8/17/90	662
8/18/90	658
8/19/90	662
3/20/90	664
8/21/90	660
3/22/90	657
8/23/90	656
3/24/90	649
8/25/90	656
3/26/90	656
8/27/90	658
8/28/90	659
8/29/90	663
3/30/90	661
8/31/90	662

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 9/14/90
 COMPLETED BY R.A. TIERNEY
 TELEPHONE 305/246/6970

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: AUGUST 1990
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	5031	149236.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	604.1	4759.4	99143.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	590.4	4655.6	95528.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH)	1202781	10019710	201244054
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	370555	3218499	64212330
18. NET ELECTRICAL ENERGY GENERATED (MMH)	357405	3051129	60722289
19. UNIT SERVICE FACTOR	79.4	79.8	64.0
20. UNIT AVAILABILITY FACTOR	79.4	79.8	64.0
21. CAPACITY FACTOR (USING MDC NET)	72.1	78.6	62.3
22. CAPACITY FACTOR (USING DER NET)	69.3	75.5	58.7
23. UNIT FORCED OUTAGE RATE	20.6	15.2	12.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :	12/01/90; 296 Days - Emergency Diesel Generator Work.		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

 DOCKET NO. 50-251

 UNIT NAME Turkey Point #4

 DATE September 14, 1990

 COMPLETED BY R. A. Tierney

 TELEPHONE (305) 246-6970

 REPORT MONTH August, 1990

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
5	900717	F	117:20	A	4	N/A	CJ	VALVEX	Unit 4 was removed from service to investigate/repair an internal leak on the pressurizer spray valve. The unit was brought to cold shutdown to investigate/repair an external leak on an old pressurizer spray valve body. The unit remained in cold shutdown to repair a leak in the upper manway.
6	900812	F	36:17	A	3	251/90-008	SD	RELAYX	Unit 4 experienced an automatic Reactor Trip on low, low steam Generator level due to loss of 4A Steam Generator Feedwater Pump. The loss of the pump was due to an incorrect setpoint on an agastat relay. The relays have been recalibrated on the 4A & 4B Steam Generator Feedwater Pump.

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 August 14, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-6970

REPORT MONTH August, 1990

Unit 4 remained in cold shutdown for the investigation/repair of an internal leak on the pressurizer spray valve and an external leak on an old pressurizer spray valve body. The unit remained in cold shutdown to repair a leak in the upper pressurizer manway. The unit was returned to service on August 5. Unit 4 experienced an Automatic Reactor Trip on low-low Steam Generator Level due to a trip of 4A Steam Generator Feedwater Pump. The loss of the pump was due to an incorrect setpoint on an Agastat relay. The relays on the 4A and 4B Steam Generator Feedwater Pump were recalibrated and the unit was returned to service on August 14.