

# CATEGORY 1

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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  
 MOWREY, C.L.      Florida Power & Light Co.  
 HOVEY, R.J.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1998 for Turkey Point, Units 3 & 4. W/980311 ltr.

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L-98-070

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 Generic Letter 97-02, attached are the February 1998 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

R. J. Hovey  
Vice President  
Turkey Point Plant

CLM

Attachments

cc: Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

IE24/1

9803180014 980228  
PDR ADOCK 05000250  
R PDR





AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250  
UNIT: Turkey Point #3  
DATE: March 5, 1998  
COMPLETED BY: C. L. Mowrey  
TELEPHONE: (305) 246-6204

REPORT MONTH February 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
2/1/98	730
2/2/98	727
2/3/98	731
2/4/98	733
2/5/98	736
2/6/98	736
2/7/98	738
2/8/98	740
2/9/98	740
2/10/98	735
2/11/98	735
2/12/98	733
2/13/98	729
2/14/98	727
2/15/98	731
2/16/98	124
2/17/98	0
2/18/98	0
2/19/98	0
2/20/98	529
2/21/98	627
2/22/98	650
2/23/98	704
2/24/98	706
2/25/98	677
2/26/98	726
2/27/98	725
2/28/98	720

DOCKET NO. 50-250  
UNIT NAME TURKEY POINT UNIT 3  
DATE March 5, 1998  
COMPLETED BY C. L. Mowrey  
TELEPHONE (305) 246-6204

REPORTING PERIOD February, 1998  
(Month/Year)

1. Design Electrical Rating (MWe-Net)\_\_\_\_\_ 720  
2. Maximum Dependable Capacity (MWe-Net)\_\_\_\_\_ 693

	<u>MONTH</u>	<u>-YTD-</u>	<u>CUMULATIVE</u>
3. Number of Hours Reactor Was Critical_____	591.5	1335.5	154453.3
4. Number of Hours Generator Was On Line_____	582.8	1326.8	152285.7
5. Unit Reserve Shutdown Hours_____	0.0	0.0	121.8
6. Net Electrical Energy (MWH)_____	411408.0	951942.0	97364498.0



## SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT:	<u>Turkey Point #3</u>
DATE:	<u>March 5, 1998</u>
COMPLETED BY:	<u>C. L. Mowrey</u>
TELEPHONE:	<u>(305) 246-6204</u>

REPORT MONTH February 1998

Unit 3 operated at essentially 100% power until February 16. At 0438 hours, the Unit 3 turbine reheat, intercept, and control valves closed due to a loss of turbine control oil pressure. The reactor was manually tripped subsequent to high steam flow alarms, automatic control rod insertion, and loss of electrical load. During the event, both pressurizer Power Operated Relief Valves (PORVs) momentarily cycled, as expected for a loss of secondary load. A misaligned auxiliary governor test lever was bumped by a technician, causing control oil pressure to be dumped, and allowing the turbine valves to close.

Following the reactor trip a steam leak from the secondary system was discovered, caused by the failure of a 2 inch pipe upstream of a steam trap, on the Unit 4 AFW Train 2 steam supply line. To isolate the steam leak, AFW Train 2 was secured. Despite the steam leak, the AFW system provided adequate feedwater flow to the steam generators for the duration of the event.

The loss of oil pressure was due to a misaligned test lever which caused the device to be sensitive to very small movement or minor bumping. The AFW steam leak was due to outside diameter (OD) corrosion resulting from water trapped under insulation.

The test lever has been repaired. All of the AFW steam piping has been pressure tested, and all of the piping susceptible to OD corrosion has been inspected. About 50 feet of 2-inch AFW steam piping (branch lines) has been replaced.

Unit 3 was returned to power on February 19, and remained above 80% power for the remainder of the month.



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250  
 UNIT NAME: Turkey Point #3  
 DATE: March 5, 1998  
 COMPLETED BY: C. L. Mowrey  
 TELEPHONE: (305) 246-6204

REPORT MONTH February 1998

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Cause & Corrective Action Comments
1060	2/16/98	F	89.2	A	2	Loss of Turbine Control Oil Pressure: Aux. Governor test lever repaired Steam Leak in Auxiliary Feedwater Steam Supply Piping: piping replaced

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251  
UNIT: Turkey Point #4  
DATE: March 5, 1998  
COMPLETED BY: C. L. Mowrey  
TELEPHONE: (305) 246-6204

REPORT MONTH February 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
2/1/98	729
2/2/98	729
2/3/98	732
2/4/98	733
2/5/98	736
2/6/98	736
2/7/98	736
2/8/98	738
2/9/98	738
2/10/98	735
2/11/98	735
2/12/98	731
2/13/98	728
2/14/98	727
2/15/98	731
2/16/98	728
2/17/98	718
2/18/98	716
2/19/98	719
2/20/98	717
2/21/98	719
2/22/98	723
2/23/98	722
2/24/98	730
2/25/98	731
2/26/98	727
2/27/98	726
2/28/98	719

# OPERATING DATA REPORT

DOCKET NO. 50-251  
UNIT NAME TURKEY POINT UNIT 4  
DATE March 5, 1998  
COMPLETED BY C. L. Mowrey  
TELEPHONE (305) 246-6204

REPORTING PERIOD February, 1998  
(Month/Year)

1. Design Electrical Rating (MWe-Net)\_\_\_\_\_ 720
2. Maximum Dependable Capacity (MWe-Net)\_\_\_\_\_ 693

	<u>MONTH</u>	<u>-YTD-</u>	<u>CUMULATIVE</u>
3. Number of Hours Reactor Was Critical_____	672.0	1416.0	150723.5
4. Number of Hours Generator Was On Line_____	672.0	1416.0	146392.5
5. Unit Reserve Shutdown Hours_____	0.0	0.0	577.2
6. Net Electrical Energy (MWH)_____	489360.0	1015319.0	94506956.0

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251  
 UNIT NAME: Turkey Point #4  
 DATE: March 5, 1998  
 COMPLETED BY: C. L. Mowrey  
 TELEPHONE: (305) 246-6204

REPORT MONTH February 1998

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Cause & Corrective Action to Prevent Recurrence
N/A	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)



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251  
UNIT: Turkey Point #4  
DATE: March 5, 1998  
COMPLETE BY: C. L. Mowrey  
TELEPHONE: (305)246-6204

REPORT MONTH February 1998

Unit 4 operated at essentially 100% power for the entire month.

