

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
 UNIT Turkey Point
Unit No. 3

DATE June 7, 1980

COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552-3824

MONTH MAY, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>665</u>	17	<u>637</u>
2	<u>663</u>	18	<u>637</u>
3	<u>665</u>	19	<u>639</u>
4	<u>660</u>	20	<u>637</u>
5	<u>655</u>	21	<u>529</u>
6	<u>542</u>	22	<u>645</u>
7	<u>656</u>	23	<u>658</u>
8	<u>646</u>	24	<u>656</u>
9	<u>---</u>	25	<u>660</u>
10	<u>---</u>	26	<u>663</u>
11	<u>7</u>	27	<u>667</u>
12	<u>624</u>	28	<u>665</u>
13	<u>649</u>	29	<u>663</u>
14	<u>646</u>	30	<u>663</u>
15	<u>643</u>	31	<u>662</u>
16	<u>639</u>		

NOTE: Average daily power level greater than 666 MWe due to cooler condenser cooling water.

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50 - 250
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OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: May, 1980
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): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes - Unit No. 3 operated at approximately 100 % R.P., except for outages of May 6, 9-11, and 21, 1980.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3 647.0</u>	<u>65 648.6</u>
12. Number Of Hours Reactor Was Critical	<u>677.2</u>	<u>2 772.4</u>	<u>50 041.9</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>213.3</u>
14. Hours Generator On-Line	<u>671.0</u>	<u>2 617.6</u>	<u>48 307.8</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 458 855</u>	<u>5 618 082</u>	<u>97 086 716</u>
17. Gross Electrical Energy Generated (MWH)	<u>456 540</u>	<u>1 783 585</u>	<u>30 864 585</u>
18. Net Electrical Energy Generated (MWH)	<u>432 468</u>	<u>1 687 317</u>	<u>29 209 411</u>
19. Unit Service Factor	<u>90.2</u>	<u>71.8</u>	<u>73.6</u>
20. Unit Availability Factor	<u>90.2</u>	<u>71.8</u>	<u>73.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>87.3</u>	<u>69.5</u>	<u>67.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.9</u>	<u>66.8</u>	<u>64.2</u>
23. Unit Forced Outage Rate	<u>0.8</u>	<u>1.8</u>	<u>2.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Tube Inspection Program - Oct. 5 - Nov. 1, 1980.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICIFY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
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REPORT MONTH MAY, 1980

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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
11	80-05-06	F	2.9	A	3	N/A	ED	CKTBRK	Unit No. 3 was tripped by steam generator No. 3C level protection system during a transient condition caused by the loss of power supply to vital instrument bus Nos. 3B and 4A due to the malfunction of bus tie circuit breaker No. 3B-20. Corrective actions included exercising the circuit breaker. (Nuclear system)
12	80-05-09	S	67.6	F	1	N/A	CB	SUPPORT (B)	Unit was removed from service to modify supports and restraints on piping located inside containment. (Nuclear system)

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

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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	80-05-21	F	2.5	A	3	N/A	ED	BATTERY	Unit was tripped by steam generator No. 3B level protection system during a transient condition caused by the loss of power supply to vital instrument bus No. 3A due to a malfunction of inverter No. 3A. Corrective actions included placing spare inverter No. AS in service. (Nuclear system)

¹
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 S: Scheduled

²
 Reason:
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 B-Maintenance of Test
 C-Refueling
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SUMMARY OF OPERATING EXPERIENCE

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Unit No. 3 operated at approximately 100% R.P., except for outages of May 6, 9-11, and 21, 1980. Refer to "Unit Shutdowns and Power Reductions" section of May, 1980, Operating Status Report for additional information.

Major Safety-related maintenance activities performed during the month included:

Inspections and requirements of IE Bulletins and NUREG-0578 are continuing.

Florida Power & Light Company commitments for NUREG-0578 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

Completed modification and installation of supports and restraints on piping located inside containment. Refer to LER No. 25-80-08 for additional details.