

# OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE July 1, 1981  
 COMPLETED BY C. Connell  
 TELEPHONE (914) 739-8200

## OPERATING STATUS

Notes

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: July, 1981
3. Licensed Thermal Power (MWt): 3025
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 926
7. Maximum Dependable Capacity (Net MWe): 891
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

9. Power Level To Which Restricted, If Any (Net MWe): 607 MWe (at unity power factor)
10. Reasons For Restrictions, If Any: Unit load is restricted to the capacity of one main transformer.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>42,384</u>
12. Number Of Hours Reactor Was Critical	<u>716.5</u>	<u>2908</u>	<u>29,658</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>708.4</u>	<u>2843.3</u>	<u>28,546.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,393,640</u>	<u>5,951,609</u>	<u>73,582,879</u>
17. Gross Electrical Energy Generated (MWH)	<u>385,650</u>	<u>1,669,620</u>	<u>23,261,121</u>
18. Net Electrical Energy Generated (MWH)	<u>362,953</u>	<u>1,578,526</u>	<u>22,292,686</u>
19. Unit Service Factor	<u>98.4</u>	<u>65.5</u>	<u>67.4</u>
20. Unit Availability Factor	<u>98.4</u>	<u>65.5</u>	<u>67.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>56.5</u>	<u>40.8</u>	<u>59.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>52.2</u>	<u>37.7</u>	<u>54.5</u>
23. Unit Forced Outage Rate	<u>1.6</u>	<u>34.5</u>	<u>12.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

3 week shutdown in July to connect new main transformer

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

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

N/A

N/A

N/A

N/A

N/A

N/A

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
 UNIT Indian Point  
 No.3  
 DATE July 1, 1981  
 COMPLETED BY C. Connell  
 TELEPHONE 914-739-8200

MONTH June 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>515</u>
2	<u>518</u>
3	<u>518</u>
4	<u>517</u>
5	<u>519</u>
6	<u>515</u>
7	<u>518</u>
8	<u>517</u>
9	<u>517</u>
10	<u>303</u>
11	<u>405</u>
12	<u>519</u>
13	<u>521</u>
14	<u>520</u>
15	<u>500</u>
16	<u></u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>492</u>
18	<u>516</u>
19	<u>512</u>
20	<u>513</u>
21	<u>513</u>
22	<u>512</u>
23	<u>515</u>
24	<u>514</u>
25	<u>514</u>
26	<u>517</u>
27	<u>514</u>
28	<u>514</u>
29	<u>515</u>
30	<u>513</u>
31	<u></u>

## 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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH \_\_\_\_\_

DOCKET NO. 50-286  
 UNIT NAME NO. 3  
 DATE July 1, 1981  
 COMPLETED BY C. Connell  
 TELEPHONE 914-739-8200

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
05	810610	F	11.7	B	3		EA	CKTBKR F	Electrical fault on the high side disconnect switch of transformer T-2S, located in the Eastview substation, during live line testing of feeder W82 and W65. The fault was isolated and the unit returned to service.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit H - Same Source

## MONTHLY MAINTENANCE REPORT

June, 1981

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
6/1/81	I-1891-02	#33 Charging Pump	480 V Breaker Closing spring did not rewind	Cleaned and Exercised Breaker
6/2/81	I-1959-02	1192 Pressure Relief Valve	No open indication	Replaced limit switch
6/18/81	I-1969-02	Steam Generator Blowdown Isolation Valve 1214	No closed indication	Adjusted limits
6/16/81	I-1970-02	Steam Generator Blowdown sampling Isolation Valve PVC-1226A	Open and Closed Indication not working properly.	Readjusted Open Limit Switch
6/16/81	I-1972-02	Steam Generator Blowdown sampling Isolation Valve PCV-1225A	Open and Closed Indication not working properly	Readjusted Open Limit Switch
6/16/81	I-1973-02	Steam Generator Blowdown sampling Isolation valve PCV-1226	Open and Closed Indication not working properly	Readjusted Open Limit Switch
6/19/81	I-2033-02	Steam Generator Blowdown Isolation Valve 1214	No Closed Indication	Readjusted closed Limit Switch

SUMMARY OF OPERATING EXPERIENCE JUNE 1981

Indian Point Unit 3 was synchronized to the bus for a total of 708.4 hours, producing a gross generation of 385,650 MWe for this reporting period.

The unit experienced one trip during this reporting period. The unit tripped at 1428 hours on June 10, 1981 due to a fault occurring on the high side disconnect switch of transformer T-2S in Elmsford during testing which subsequently caused a voltage reduction on the 345 KV transmission system. This voltage reduction caused the unit to automatically trip on 6.9 KV bus undervoltage. The fault was isolated and the unit was returned to service at 0207 hours on June 11.