

OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE 1-1-81  
 COMPLETED BY C. Connell  
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: December 1980
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
Removed Turbine blading #2 Disc on #33 LP Turbine

9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_  
 10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8,784</u>	<u>38,041</u>
12. Number Of Hours Reactor Was Critical	<u>308.9</u>	<u>5,165.2</u>	<u>26,750.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>284.5</u>	<u>4,670.4</u>	<u>25,703.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>725,986</u>	<u>11,526,803</u>	<u>67,631,270</u>
17. Gross Electrical Energy Generated (MWH)	<u>209,090</u>	<u>3,226,400</u>	<u>21,591,501</u>
18. Net Electrical Energy Generated (MWH)	<u>199,642</u>	<u>3,070,723</u>	<u>20,714,160</u>
19. Unit Service Factor	<u>38.2</u>	<u>53.2</u>	<u>67.6</u>
20. Unit Availability Factor	<u>38.2</u>	<u>53.2</u>	<u>67.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>30.1</u>	<u>39.2</u>	<u>61.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>27.8</u>	<u>36.2</u>	<u>56.4</u>
23. Unit Forced Outage Rate	<u>57.2</u>	<u>24.1</u>	<u>8.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

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

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

810 1200 290

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
 UNIT Indian Point  
No.3  
 DATE 1-1-81  
 COMPLETED BY C. Connell  
 TELEPHONE 914-739-8200

MONTH December 1980

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	133
21	273
22	427
23	685
24	839
25	847
26	854
27	856
28	854
29	856
30	849
31	847

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

DOCKET NO. 50-286  
 UNIT NAME Indian Point #3  
 DATE 1-1-81  
 COMPLETED BY C. Connell  
 TELEPHONE (914) 739-8200

REPORT MONTH December 1980

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
31	80 11 25	S	79.3	B	NA	NA	SB	HTEXCH C	Fan Cooler Unit, inspection, repair, and testing.
32	80 12 04	F	372.9	A	NA	NA	CB	MOTORX	Electrical fault in #33 Reactor Coolant pump stator. Replaced rotor and stator.
33	80 12 19	F	7.3	G	3	NA	IA	INSTRU S	Unit tripped during start up when power level drifted above trip set-point before manual block was applied.

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

<sup>2</sup>  
 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)

<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

December 1980  
Month

DATE	W.R. #	EQUIPMENT	MAJFUNCTION	CORRECTIVE ACTION
1-3	I-1479	Steam Generator	To perform flow slot photography	Removed necessary components/Replaced at completion
0-17	I-1526	#31 Fan Cooler Unit	Motor Cooler Leak	Replaced Cooler
0-17	I-1527	#32 Fan Cooler Unit	Motor Cooler Leak	Solder Repaired Leak
2-8	I-1528	#33 Fan Cooler Unit	Motor Cooler Leak	Solder Repaired Leak
0-16	I-1529	#34 Fan Cooler Unit	Motor Cooler Leak	Replaced motor cooler
0-15	I-1530	#35 Fan Cooler Unit	Motor Cooler Leak	Replaced Cooler
2-01	I-1608	#34 Fan Cooler Unit	Motor Cooler Hose Leak	Replaced Hose
2-02	I-1630	#35 Service Water Pump	Motor Bearing Damage	Rebuilt Motor
2-04	I-1670	80' Airlock	Excessive Door Seal Leakage	Adjusted Door Seal Leakage
2-12	I-1674	CVCS Charging Line Vent Valve	Excessive Packing Leak	Repacked Valve
2-11	I-1682	95' Equipment Hatch	Preventative Maintenance	Removed Door for Equipment Movement/ Replaced
1-21	I-1623	SWN-44 #31 Fan Cooler Unit	Seat Leakage	Replaced Gear
1-23	I-1632	SWN-42 #31 Fan Cooler Unit	Seat Leakage	Replaced spring/reset valve
1-21	I-1633	SWN-44 #32 Fan Cooler Unit	Seat Leakage	Rebuilt valve
1-24	I-1637	SWN-42 #35 Fan Cooler Unit	Seat Leakage	Replaced damaged spring/reset valve
2-03	I-1650	#35 Fan Cooler Unit	Flanged leaked	Tightened flange

## MONTHLY I &amp; C CATEGORY I REPORT

December 1980

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
12-2-80	IC-1-359-2	RCP Frame Vibration Trend recorder	RED Pen Inoperative	Replaced Drive Motor, repaired open circuit on P.C. Card.
12-2-80	IC-1-414-2	RCP Frame Vibration Trend recorder	RED Pen Inoperative	Replaced Drive Motor, repaired open circuit on P. C. Card.
12-2-80	IC-1-992-2	RCP Frame Vibration Trend recorder	RED Pen Inoperative	Replaced Drive Motor, repaired open circuit on P.C. Card.
12-2-80	IC-1-1043-16	Safeguards	Relays CB-1 & V1 do not mechanically Latch	Adjust Relays and retested
12-2-80	IC-1-1021-36	35 ECU Condensate level XMTR	No Output	Replaced Transmitter detector and Ferrite Strip
12-2-80	IC-1-970-2	R7 Incore Inst. Room Area Radiation Monitor	Spikes High	Repaired defective transmitter on Power Supply Card
12-2-80	IC-1-969-2	R2 V.C. Area Radiation Monitor	Pegged High	Repaired defective wire connection in Amphenol at R-2 Ratemeter.
12-2-80	IC-1-965-2	R-1 CCR Area Radiation Monitor	Pegged Low-no Response to check source	Replaced Transmitter in Power Supply card.

Summary of Operating Experience - December 1980

Indian Point Unit 3 was synchronized to the bus for a total of 284.5 hours, producing a gross generation of 209,090 MWe for this reporting period. Start up was initiated and the reactor brought critical on December 19 at 0128 hours. The unit experienced one trip during this reporting period.

Commenced plant startup, initial synchronization to the bus at 2012 on December 19. The unit subsequently tripped at 2020 that same day due to increasing power above the low power setpoint before the manual block was applied. The unit was restarted and synchronized to the bus at 0338 hours on December 20. Commenced load escalation consistent with Fuel Conditioning requirements. Repairs were completed to the heater drain tank pump and commenced load escalation to full power. Unit achieved full power level at 1852 on December 23.