

# OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE 8-2-80  
 COMPLETED BY C. Connel  
 TELEPHONE (914) 739-8200

## OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: July 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): 952
7. Maximum Dependable Capacity (Net MWe): 917
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,111	34,368
12. Number Of Hours Reactor Was Critical	400.5	3449.0	25,033.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	380.5	2994.6	24027.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,088,451	6,895,708	63,000,175
17. Gross Electrical Energy Generated (MWH)	305,220	1,927,720	20,292,821
18. Net Electrical Energy Generated (MWH)	292,045	1,828,265	19,471,702
19. Unit Service Factor	51.1	58.6	69.9
20. Unit Availability Factor	51.1	58.6	69.9
21. Unit Capacity Factor (Using MDC Net)	42.8	39.0	61.8
22. Unit Capacity Factor (Using DER Net)	40.7	37.1	58.7
23. Unit Forced Outage Rate	48.9	25.6	7.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Turbine Outage October 1980

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast      Achieved  
                    
                    
                    
 N/A

800 8190 476

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
 UNIT Indian Point  
 No. 3  
 DATE 8-2-80  
 COMPLETED BY C. Connell  
 TELEPHONE 914-739-8200

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	650
2	503
3	419
4	808
5	823
6	828
7	827
8	829
9	824
10	821
11	821
12	820
13	818
14	814
15	791
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	22
31	752

## 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

50-286

DOCKET NO. Indian Pt. No. 3  
 UNIT NAME 8-2-80  
 DATE C. Connell  
 COMPLETED BY (914) 739-8200  
 TELEPHONE

REPORT MONTH July

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
23	800630	F	0.6	A	3		HH	VALVEX-C	Refer to June report
24	800702	F	6.7	A	3		IA	INSTRU-X	Lightning strike on 345KV transmission line inducing voltage transient on instrument bus #34 coincidental with another protection channel in trip mode for surveillance test.
25	800715	F	356.2	A	3		EB	ELECON	Electrical fault in electrical feeds associated with Reactor Coolant Pumps. Appropriate repairs were effected.

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

5  
 Exhibit H - Same Source

(9/77)

## MONTHLY I &amp; C CATEGORY I REPORT

July 1980

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
7/9/80	IC-646-3C	Aux Boiler Feed Pump #31	Burned out Relay Coil in Control CKT (Relay 1X/AFP1)	Replaced Relay
7/9/80	IC-566-3C	Waste Disposal Gas Analyzer	Defective Power Supply	Replaced defective P.C. Board
7/9/80	IC-608-3C	T1-153 - 33 RCP Seal Inlet Temperature	Ind. pegged high	Repaired RTD wires at junction box
7/9/80	IC-609-3L	T1-132-33 RCP Seal Outlet Temperature	Ind. pegged low	Repaired shorted RTD wires at at 33 RCP
7/15/80	IC-726-2	R-2 ARM	Inoperative	Repaired lead at connector to detector
7/16/80	IC-1-819-1C	32 Diesel Gen Synch Switch	Intermittent	Tightened loose terminal block
7/16/80	IC-1-837-2	Seismograph	Weak Batteries	Replaced Batteries

## MONTHLY MAINTENANCE REPORT

July 1980

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
7-1	I-1174	#32 Charging Pump	Excessive Packing Leak	Repacked
6-25	I-1166	Chanel II Iodine Monitor	Pump Seized	Replaced Vanes
6-25	I-1167	Channel IV Iodine Monitor	Pump Seized	Replaced Vanes
7-10	I-1193	#32 Charging Pump	Sheared Cylinder Head Cover Bolt	Replaced Bolt
7-15	I-1196	Valve 1190 Cont. Pzr Relf	Incorrect Valve Position Indicator	Adjusted Limit Switch
7-18	I-1210	#31 Fan Cooler Unit	Motor Cooler Leak	Replaced Cooler
7-20	I-1216	#32 Fan Cooler Unit	Motor Cooler Leak	Repaired Leak
7-20	I-1220	#33 Fan Cooler Unit	Motor Cooler Leak	Repaired Leak
7-21	I-1222	#34 Steam Generator	Gasket Leak	Replaced Gasket
7-22	I-1226	CVCS Valves 459 and 460	Excessive Packing Leak	Repacked
7-28	I-1217	6.9 KV Feed to RCP	Damaged electrical insulation on insulators	Re-Insulated Replaced Penetration
7-24	I-1223	#34 Fan Cooler Unit	Main Cooler Leak	Repaired Leak
7-24	I-1224	#32 Fan Cooler Unit	Main Cooler Leak	Repaired Leak
7-02	I-1173	#32 Diesel Generator	Reset Spring Came Loose	Re-connected spring
7-03	I-1190	Rad Monitor R-18	Head Leak	Replaced O-Ring

SUMMARY OF OPERATING EXPERIENCE - JULY 1980

Indian Point Unit 3 was synchronized to the bus for a total of 380.5 hours producing a gross generation of 305,220 MWe for this reporting period.

July 1st the unit was synchronized to the bus at 0038 hours and commenced load escalation to 100% reactor power. The unit has since experienced two plant trips.

On July 2nd, at 1405 hours, the unit experienced a plant trip from full load due to a lightning strike on the 345 KV transmission line, which induced a voltage transient on instrument bus #34. A protection channel bistable associated with another instrument bus (channel 2) was in a tripped condition while performing a surveillance test of the steam line pressure bistable. An investigation of associated circuits revealed integrity was withheld and commenced plant startup. That same day the unit was returned to service at 2046 hours and commenced load escalation to 100% reactor power.

On July 15th, at 2324 hours, the unit experienced a plant trip due to loss of #31 and #34 reactor coolant pumps. Investigation revealed that an electrical fault had developed in the electrical feeds associated with the Reactor Coolant Pumps. Appropriate repairs were effected and the unit was returned to service on July 30th at 1935 hours.