

# OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE October 1, 1980  
 COMPLETED BY C. Connel  
 TELEPHONE (914) 739-8200

## OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: September
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	720	6,575	35,832
12. Number Of Hours Reactor Was Critical	668.2	4,855.8	26,440.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	658.8	4,386.5	25,419.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,905,318	10,800,817	66,905,284
17. Gross Electrical Energy Generated (MWH)	538,310	3,017,310	21,382,411
18. Net Electrical Energy Generated (MWH)	515,900	2,871,081	20,514,518
19. Unit Service Factor	91.5	66.7	70.9
20. Unit Availability Factor	91.5	66.7	70.9
21. Unit Capacity Factor (Using MDC Net)	78.1	47.6	62.4
22. Unit Capacity Factor (Using DER Net)	74.3	45.3	59.3
23. Unit Forced Outage Rate	8.5	20.1	7.3

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

Turbine Outage October 1, 1980

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  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

X  
— N/A —  
— X

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
UNIT Indian Point  
No.3

DATE October 1, 1980

COMPLETED BY C. Connell

TELEPHONE 914-739-8200

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	815
2	791
3	757
4	751
5	805
6	773
7	759
8	712
9	568
10	---
11	---
12	325
13	811
14	828
15	822
16	820

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	823
18	828
19	817
20	817
21	815
22	812
23	783
24	744
25	796
26	817
27	828
28	828
29	824
30	313
31	---

## 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 October 1, 1980  
 COMPLETED BY C. Connell  
 TELEPHONE 914) 739-8200

REPORT MONTH September

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
28	800909	F	61.2	A	3	NA	ED	INSTRU P	Unit Trip #32 Steam Generator mismatch caused by loss of 33 static inverter. Replaced capacitors on static inverter. Outage extended due to fault on Unit Auxiliary transformer. Unit Auxiliary transformer problem being analyzed to determine fault.

<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

September, 1980

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
9-2	I-1309	#31 Charging Pump	Leaking Seals	Repacked all 5 cylinders.
9-11	I-1437	#32 Fan Cooler Unit	Cooler Leaks	Repaired Leaks
9-2	I-1310	#33 Charging Pump	Leaking Seals	Repacked all 5 cyclinders.
9-15	I-1439	#31 Charging Pump	Valve Seats Scored	Renewed Valve
9-18	I-1440	#32 Charging Pump Recir. Valve	Valve Seat Scored	Renewed Valve
9-3	I-1329	B/A Heat Trace Ckt #42	Break in Wire	Re-spliced
9-8	I-1396	#31 Charging Pump	Seats Leak	Reset Valve

## MONTHLY I &amp; C CATEGORY I REPORT

September, 1980

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
9/8/80	IC-1-737-2	R11, V.C. Air Particulate Monitor	Improper response during Surveillance Test	Corrected loose contact on Drawer Assembly

SUMMARY OF OPERATING EXPERIENCE - SEPTEMBER 1980

Indian Point Unit 3 was synchronized to the bus for a total of 658.8 hours producing a gross generation of 538,310 mw-hrs for the reporting period. During this period the unit experienced one plant trip.

On September 9 at 1912 the unit experienced a trip on #32 Steam Generator Steam Flow Feed Flow mismatch caused by the loss of #33 static inverter. After repairs were completed the reactor was brought critical and preparations were made to put the unit on the line. At 0348 on September 10 a turbine trip occurred. This was caused by an internal electrical fault in the unit auxiliary transformer. The unit auxiliary transformer was disconnected from the bus and the unit returned to service at 0827 on September 12 using the station auxiliary transformer to supply plant electrical loads.