

# OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE Sept. 3, 1984  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 739-8200

## OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: August 1984
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): 1000
7. Maximum Dependable Capacity (Net MWe): 965
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):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5855.0	70,176.0
12. Number Of Hours Reactor Was Critical	740.7	5101.58	39,526.08
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	653.17	4875.62	38,017.62
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,886,630.33	13,936,564.24	100,362,209.24
17. Gross Electrical Energy Generated (MWH)	598,390	4,540,915	30,907,525
18. Net Electrical Energy Generated (MWH)	575,245	4,370,133	29,614,311
19. Unit Service Factor	87.8	83.3	54.2
20. Unit Availability Factor	87.8	83.3	54.2
21. Unit Capacity Factor (Using MDC Net)	80.1	77.3	43.7
22. Unit Capacity Factor (Using DER Net)	80.1	77.3	43.7
23. Unit Forced Outage Rate	3.3	15.1	22.6

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

Mid Cycle Steam Generator Inspection Outage for four weeks starting October 13, 1984

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

8409260450 840831  
 PDR ADOCK 05000286  
 R PDR

IE24  
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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Point  
No. 3

DATE Sept. 3, 1984

COMPLETED BY L. Kelly

TELEPHONE (914) 739-8200

MONTH August 1984

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>928</u>
2	<u>921</u>
3	<u>939</u>
4	<u>937</u>
5	<u>936</u>
6	<u>933</u>
7	<u>931</u>
8	<u>930</u>
9	<u>931</u>
10	<u>931</u>
11	<u>932</u>
12	<u>930</u>
13	<u>930</u>
14	<u>929</u>
15	<u>927</u>
16	<u>927</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>927</u>
18	<u>928</u>
19	<u>915</u>
20	<u>904</u>
21	<u>925</u>
22	<u>823</u>
23	<u>17</u>
24	<u>653</u>
25	<u>920</u>
26	<u>892</u>
27	<u>757</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>416</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

DOCKET NO. 50-286

UNIT NAME Indian Point No. 3

DATE Sept. 3, 1984

COMPLETED BY L. Kelly

TELEPHONE 914-739-8200

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

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	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
10	840882	F	22.25	A	3	84-013-00	CH	PUMPXX	MBFP Control Oil System caused feed flow perturbations which ultimately led to a hi-hi level steam generator unit trip.
11	840828	S	68.58	A	1	N/A	HF	HTEXCH D	Repair of condenser circulating water condenser seams and electrical generator hydrogen coolers.

<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

August 1984  
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
4952	8/13/84	31 Steam Generator Blowdown Valve 1214 Solenoid Valve 1314	Failed closed	Replaced SOV-1314
5027	8/27/84	R11/12 Containment Isolation Valve Solenoid Valve 1535	Failed closed	Replaced coil in solenoid
5051	8/29/84	R11/12 Containment Isolation Valve Solenoid Valve 1536	Failed closed	Replaced coil in solenoid
5057	8/30/84	35 Fan Cooler Unit Motor Cooler	Motor cooler coil leak	Replaced motor cooler
5044	8/31/84	31 Control Room Air Conditioner	Will not maintain temperature	Repaired leak in sight glass and recharged with refrigerant
5052	8/31/84	32 Steam Generator Blowdown Valve 1215	Diaphragm leaks	Replaced valve diaphragm
5059	8/31/84	32 Service Water Pump Zurn Strainer	Motor trips on overload	Repaired gearbox

## MONTHLY REPORT

## MONTHLY I &amp; C CATEGORY I REPORT

August 1984  
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
IC-1-2886	6-19-84	Channel B Steam Flow Indicator 419B	Indicates low	Replaced magnetic amplifiers in loop current repeater
IC-1-2883	7-2-84	#32 Steam Generator Low Level Mismatch Bistable LC-427G	Bistable setpoint drifts	Replaced bistable
IC-1-2884	7-2-84	#34 Steam Generator Low-Low	Bistable setpoint drifts	Replaced bistable
IC-1-2861	7-5-84	Waste Gas Process Radiation Monitor R20	Meter reading erratic, high alarm up constantly	Repaired connections on drawer connector
IC-1-2933	7-17-84	Main Turbine Independent Electric Overspeed Protection System	Open relay coil on relay VA3	Replaced relay coil
IC-1-2966	8-6-84	Overtemperature $\Delta$ T Test Light TC-412AX	No response to test relay	Replaced defective test relay
IC-1-2967	8-7-84	Reactor Trip Relay RT-6B	Relay coil open	Replaced relay
IC-1-2932	8-10-84	Wide Range Noble Gas Monitor R-27	RM23 readout does not respond to operator commands	Replaced RM23 readout module

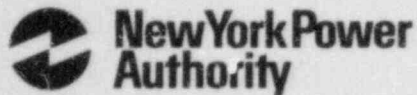


SUMMARY OF OPERATING EXPERIENCE AUGUST 1984

Indian Point Unit 3 was synchronized to the bus for a total of 653.17 hours producing a gross generation of 598,390 MWH for this reporting period.

As a result of a feedwater transient a unit trip occurred on August 22 at 2122 hours due to a hi-hi steam generator level. The investigation revealed that a leak in a control oil hose caused the perturbation in the main boiler feed pump control oil system. The unit was returned to service on August 23 at 1937 hours. On August 28 at 0133 hours the unit was removed from service in order to perform repairs on the main condenser circulating water seams, and repair the main electrical generator coolers. The unit was returned to service on August 30 at 2208 hours. The cumulative capacity factor based on a MDC net weighted average through August 31, 1984 is 46.1%.

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511  
914 739.8200



September 14, 1984  
IP-LK-3390

Docket No. 50-286  
License No. DPR-64

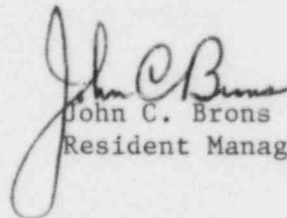
Director, Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Document Control Desk

Dear Sir:

Enclosed you will find twelve copies of the monthly operating report relating to Indian Point 3 Nuclear Power Plant for the month of August, 1984.

Very truly yours,

  
John C. Brons  
Resident Manager

LK/bam  
Enclosures (12 Copies)

cc: Dr. Thomas E. Murley, Regional Administrator  
Region 1  
U. S. Nuclear Regulatory Commission  
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King of Prussia, Pennsylvania 19406

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