

# OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE 03/01/84  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 739-8200

## OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: February 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	696	1440	65,761
12. Number Of Hours Reactor Was Critical	691.3	753.1	35,177.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	667.6	667.9	33,809.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,542,818	1,543,241	87,968,886
17. Gross Electrical Energy Generated (MWH)	482,660	482,665	26,849,275
18. Net Electrical Energy Generated (MWH)	460,451	460,451	25,704,629
19. Unit Service Factor	95.9	46.4	51.4
20. Unit Availability Factor	95.9	46.4	51.4
21. Unit Capacity Factor (Using MDC Net)	68.6	33.1	40.5
22. Unit Capacity Factor (Using DER Net)	68.6	33.1	40.5
23. Unit Forced Outage Rate	1.7	53.1	24.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

B403300159 B40229  
 PDR ADCK 05000286  
 R PDR

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
UNIT Indian Point  
No. 3  
DATE 03/01/84  
COMPLETED BY L. Kelly  
TELEPHONE (914) 739-8200

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>94</u>
2	<u>172</u>
3	<u>175</u>
4	<u>183</u>
5	<u>409</u>
6	<u>499</u>
7	<u>609</u>
8	<u>581</u>
9	<u>500</u>
10	<u>793</u>
11	<u>816</u>
12	<u>813</u>
13	<u>813</u>
14	<u>815</u>
15	<u>816</u>
16	<u>816</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>815</u>
18	<u>816</u>
19	<u>818</u>
20	<u>662</u>
21	<u>69</u>
22	<u>782</u>
23	<u>812</u>
24	<u>864</u>
25	<u>928</u>
26	<u>927</u>
27	<u>928</u>
28	<u>929</u>
29	<u>931</u>
30	<u>—</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

DOCKET NO. 50-286

UNIT NAME NO. 3

DATE

COMPLETED BY

TELEPHONE 914-739-8200

REPORT MONTH February 1984

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
01	840201	S	6.13	B	N/A	N/A	ZZ	ZZZZZZ	Unit removed from service for Turbine Overspeed Trip Test.
02	840209	F	4.58	A	3	N/A	HH	INSTRUC	Reactor Trip caused by trip of #31 & #32 Heater Drain Tank Pumps.
03	840220	F	7.00	A	3	N/A	HH	VALVOP F	#32 Steam Generator Low Level Mismatch caused by a failed Feedwater Regulating Valve Solenoid.
04	840221	F	10.65	B	N/A	N/A	ZZ	ZZZZZZ	Repairs to drain line on feedwater discharge header.

<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

(9/77)

## MONTHLY MAINTENANCE REPORT

February 1984  
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
3743	2/03/84	Service Water Zurn Strainers #31,32,35 and 36	Thermal overloads tripping	Replaced fuses and reset thermal overloads
3832	2/03/84	Fuel Storage Building Sliding Door	Drive motor trips	Realigned drive mechanism
4177	2/03/84	Spent Fuel Pit Cooling Pump #32.	Oil leak	Tightened loose pipe fitting
4195	2/10/84	Charging Pump #33	Packing leaks	Repacked pump
4103	2/11/84	Primary Water Valve 552	Improper position indication	Replaced Limit Switch
4204	2/17/84	Charging Pump #32 Recirculation Valve 276	Packing leaks	Replaced valve
3453	2/22/84	PAB-VC Exhaust Fan #31	Belts broken	Replaced belts
4196	2/22/84	Charging Pump #32 Relief Valve 234	Valve leaking	Replaced valve
4242	2/28/84	Charging Pump #32	Packing leaks	Repacked pump

## MONTHLY I &amp; C REPORT

February 1984  
Month

W.R. #	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
IC-1-1759	2-08-84	Reactor Coolant Pump #33 Seal Outlet RTD	Improper indication	Replaced RTD
IC-1-2408	2-08-84	Steam Generator Blowdown Radiation Monitor R-19	Improper indication	Repaired cracked cable
IC-1-1798	2-28-84	Instrument Bus #31 Inverter	Improper output on normal supply	Replaced defective diode and blown fuse

## SUMMARY OF OPERATING EXPERIENCE FEBRUARY 1984

Indian Point Unit 3 was synchronized to the bus for a total of 667.6 hours, providing a gross generation of 482,660 Mwe for this reporting period.

On February 1, at 1134 hours the unit was removed from service for a scheduled turbine overspeed trip test. The test was successful and the unit was returned to service at 1742 hours.

The unit tripped at 1118 hours on February 9, because condensation accumulated in the instrument air to a level controller which led to a temporary loss of #31 and #32 heater drain pumps. The air regulator was orificed to provide for a constant air blowdown and the unit was returned to service at 1553 hours. A failed feedwater regulating valve solenoid led to a unit trip at 1945 hours on February 20. Repairs were completed and the unit was returned to service at 0245 on February 21.

The unit was intentionally removed from service at 0812 hours on February 21 for repairs to a 3/4" drain line on the feedwater discharge header. Repairs were completed and the unit was returned to service at 1851 hours.

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



March 15, 1984  
IP-LK-881

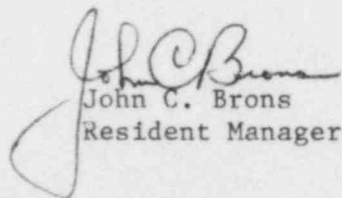
Docket No. 50-286  
License No. DPR-64

Director, Nuclear Reactor Regulation  
Office of Management Information and Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

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

Very truly yours,

  
John C. Brons  
Resident Manager

LK/baw  
Enclosure

cc: Director, Office of Inspection & Enforcement (40 Copies)  
c/o Distribution Services Branch, DDC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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