

OPERATING DATA REPORT

DOCKET NO. 50-286  
 DATE 11/1/84  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: October 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	<u>745</u>	<u>7320.0</u>	<u>71,641.0</u>
12. Number Of Hours Reactor Was Critical	<u>289.60</u>	<u>6111.18</u>	<u>40,535.68</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>289.15</u>	<u>5884.77</u>	<u>39,026.77</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>854,981.85</u>	<u>16,957,246.09</u>	<u>103,382,891.09</u>
17. Gross Electrical Energy Generated (MWH)	<u>278,120</u>	<u>5,518,715</u>	<u>31,885,325</u>
18. Net Electrical Energy Generated (MWH)	<u>268,068</u>	<u>5,313,121</u>	<u>30,557,299</u>
19. Unit Service Factor	<u>38.8</u>	<u>80.4</u>	<u>54.5</u>
20. Unit Availability Factor	<u>38.8</u>	<u>80.4</u>	<u>54.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>37.3</u>	<u>75.2</u>	<u>46.7*</u>
22. Unit Capacity Factor (Using DER Net)	<u>37.3</u>	<u>75.2</u>	<u>44.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>12.9</u>	<u>22.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): *Weighted Average			
<u>Mid Cycle Steam Generator Inspection Outage (est. return date November 24, 1984)</u>			

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	_____	_____

IE 24  
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Point  
No. 3

DATE 11/1/84

COMPLETED BY L. Kelly

TELEPHONE (914) 739-8200

MONTH October 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	939
2	915
3	923
4	948
5	943
6	936
7	943
8	948
9	949
10	951
11	949
12	826
13	0
14	0
15	0
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	0
31	0

INSTRUCTION

On this form, report 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 11/1/84  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 739-8200

REPORT MONTH October 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 <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
12	841013	S	455.85	B	1	84-014-00	HJ	HTEXCH F	Unit removed from service for Mid Cycle Steam Generator Inspection.  During a manual shutdown the unit experienced a reactor trip signal, causing the shutdown and control rod banks to be inserted automatically. The reactor was subcritical in the hot shutdown condition at the time the trip signal was generated. The trip signal was caused by a blown fuse on the intermediate range. Refer to LER 84-014-00.

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

<sup>5</sup>  
 Exhibit - Same Source

SUMMARY OF OPERATING EXPERIENCE OCTOBER 1984

Indian Point Unit 3 was synchronized to the bus for a total of 289.15 hours producing a gross generation of 278,120 MWe for this reporting period.

A controlled shutdown was initiated which commenced the scheduled Mid Cycle Steam Generator Inspection and Maintenance Outage. At 0109 hours on October 13 the generator was removed from service. Subsequent to reaching the hot shutdown condition with the reactor subcritical, a reactor trip signal was generated due to a blown fuse on the intermediate range, causing the automatic insertion of the shutdown and control rod banks.

## MONTHLY I &amp; C CATEGORY I REPORT

October 1984  
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
2360	10/24/84	Reactor Train B Under Voltage Relay	Open coil	Replaced relay.
2464	10/9/84	Primary Auxilary Building Temperature Switch	Capillary tube damaged	Replaced unit.
2755	10/9/84	Seismic Monitor Peak Shock Annunicator	12.7 Hz veritical shock alarm lamp would not reset	Unit repaired by vendor.
2992	8/28/84	Steam Generator Blowdown	R-19, improper indication	Cleaned dirty connector.
2994	8/6/84	Static Inverter #31	Erratic operation	Replaced blown fuse and drive Amp board.
3193	10/4/84	Rod Position Indicator System	Improper indication	Recalibrated indicators.
3217	10/1/84	Rod Drive Control System	Defective Slave Cyclor Logic Printed Circuit Board	Replace board with new unit.
3218	10/11/84	Hydrogen Recombiner #31 Combustor Temperature Recorder	Improper response	Cleaned and lubricated pen movement. Calibrated unit.
3239	10/11/84	Containment Building Temperature Indicator TI 1203	Improper indication	Drained water from converter assembly and sealed.
3253	10/10/84	Steam Jet Air Ejector Radiation Monitor R-15	Erratic readings on remote meter	New meter installed.

## MONTHLY I &amp; C CATEGORY I REPORT

October 1984  
MONTH

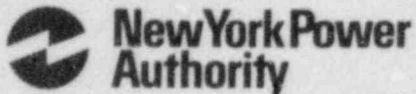
WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
3271	10/21/84	Small Gas Decay Tank #32 Pressure Transmitter PT-1052	Improper Response	Calibrated transmitter.
3274	10/22/84	Acoustical Monitor Channels 2, 3 and 5	Improper output voltage	Replaced charge converters.
3303	10/18/84	Reactor Protection Rack Trip Relay RT-2B	Relay has open DC Coil	Replaced relay.
3329	10/20/84	Fan Cooler Condensate Level Transmitter LT-1137	Transmitter will not calibrate	Clean bellows assembly and calibrated unit.
3330	10/20/84	Fan Cooler Condensate Level Transmitter LT-1133	Transmitter will not calibrate	Clean bellows assembly and calibrated unit.
3331	10/20/84	Fan Cooler Condensate Level Transmitter LT-1134	Transmitter will not calibrate	Clean bellows assembly and calibrated unit.
3336	10/24/84	Primary Water Storage Tank Level Transmitter LT-1131	Improper indication	Replaced transmitter.

## MONTHLY MAINTENANCE REPORT

October 1984  
MONTH

<u>WR#</u>	<u>DATE</u>	<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
5345	10-11-84	Monitor Tank #32 Level Transmitter Heat Tracing	Improper temperature	Repaired strip heating wiring.
5376	10-11-84	Steam Jet Air Ejector #32 Discharge Valve PCV-1168	Dual indication	Adjusted limit switch.
5377	10-11-84	Steam Jet Air Ejector #33 Discharge Valve PCV-1169	Dual indication	Adjusted limit switch.
5128	10-12-84	Boric Acid Transfer Heat Tracing	Improper temperature	Reworked heat tracing and reapplied insulation.

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



November 15, 1984  
IP-LK-3815

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 October, 1984.

Very truly yours,

A handwritten signature in cursive script that reads 'John C. Brons'.

John C. Brons  
Resident Manager

LK/bam  
Enclosures (12 Copies)

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

IP3 Resident Inspectors' Office  
George Wilverding (SRC), WPO  
J. P. Bayne, WPO  
S. V. Fuller, NYO  
W. R. Yario, NYO

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

IE24  
11