

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 6-5-87
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: May 1987
3. Licensed Thermal Power (MWt): 2758
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 873
6. Maximum Dependable Capacity (Gross MWe): 885
7. Maximum Dependable Capacity (Net MWe): 849
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: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3623</u>	<u>113232</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3386.75</u>	<u>77658.65</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>79.43</u>	<u>3768.50</u>
14. Hours Generator On-Line	<u>744</u>	<u>3375.97</u>	<u>75439.66</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2043180</u>	<u>9081027</u>	<u>196798603</u>
17. Gross Electrical Energy Generated (MWH)	<u>646330</u>	<u>2886410</u>	<u>61143176</u>
18. Net Electrical Energy Generated (MWH)	<u>623984</u>	<u>2780530</u>	<u>58371112</u>
19. Unit Service Factor	<u>100</u>	<u>93.2</u>	<u>66.6</u>
20. Unit Availability Factor	<u>100</u>	<u>93.2</u>	<u>66.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.8</u>	<u>89.2</u>	<u>60.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.1</u>	<u>87.9</u>	<u>59.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.6</u>	<u>8.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage scheduled for October 1987, currently projected
to last 75 days.

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

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/
/

NA /
/
/

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 PDR ADDCK 05000247
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(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT IP Unit #2
 DATE 6/5/87
 COMPLETED BY K. Krieger
 TELEPHONE (914)526-5155

MONTH MAY 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	843
2	838
3	847
4	844
5	850
6	846
7	849
8	848
9	850
10	850
11	845
12	849
13	847
14	841
15	810
16	773

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	841
18	841
19	839
20	843
21	841
22	849
23	846
24	842
25	845
26	843
27	838
28	841
29	843
30	789
31	828

INSTRUCTIONS

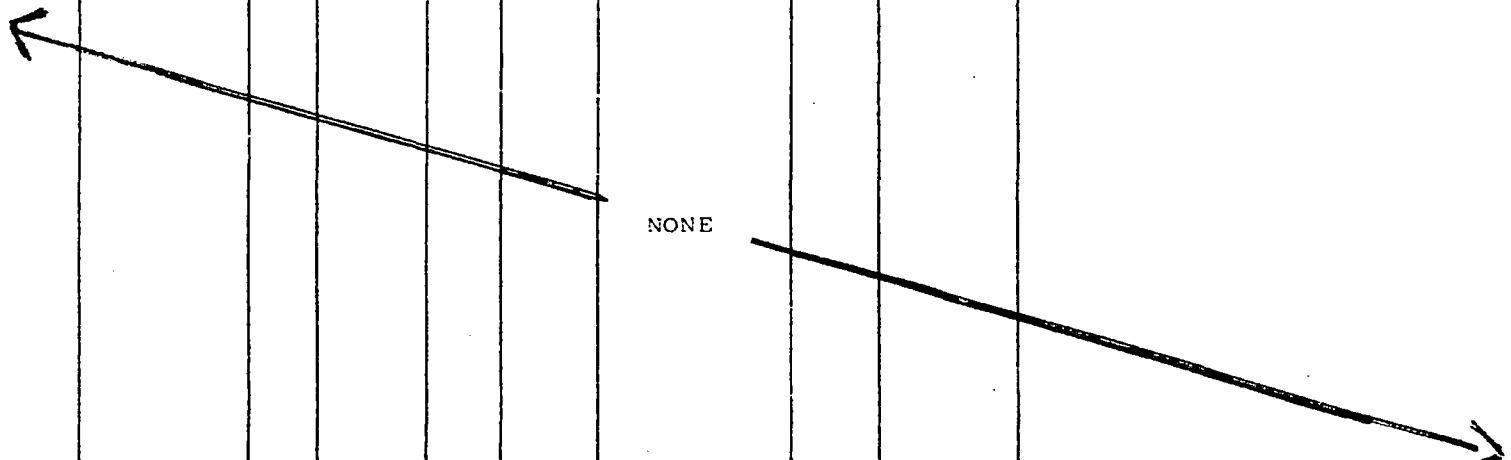
On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1987

DOCKET NO. 50-247
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 DATE 6/5/87
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 TELEPHONE (914)526-5155

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
 <p>NONE</p>									

¹
 F: Forced
 S: Scheduled

(9/77)

²
 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)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NURLG 0161)

⁵
 Exhibit I - Same Source

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE

Mo	System	Component	Date	Work Performed
28006	EDG	21 EDG Air Compressor	3/13/87	Replaced Compressor
29021	SFPC	21 S.P.F. Pump	3/12/87	Rebuild Pump
27042	1A	22 I.A. Compressor	3/30/87	Overhaul Compressor
27059	MS	MS40C Safety Valve	3/12/87	Replaced Internals
27029	CVCS	23 Charging Pump	3/12/87	Replaced Valves
27099	CVCS	21 Charging Pump	3/12/87	Replaced Seals
29135	CRD	23 CRD Fan	3/30/87	Replaced Motor
28296	EDG	23 EDG Gov	3/30/87	Changed Gov
29304	CRD	21 CRD Fan	3/09/87	Motor Changed
31368	SFPC	21SFP	4/28/87	Renewed Seal
30744	EDG	Jacket Water Pump 22 EDG	4/03/87	Replaced Pump
24030	RMS	KI-1 Indine Monitor	4/03/87	Renewed Motor & Pump
32189	SV	26SWP	4/28/87	Repositioned Impeller
29267	EDG	22 EDG Gov.	4/01/87	Recalibrated Gov
31441	EDG	23 EDG Gov.	4/02/87	Replaced Gov
30431	RHII	RWST Purif. Pump	04/01/87	Rebuild Pump
31602	SV	22 SW Pump	04/08/87	Replaced Pump

Murray Selman
Vice President

Consolidated Edison Company of New York Inc.
Indian Point Station
Broadway & Bleakley Avenue
Buchanan NY 10511
Telephone (914) 731 8116

June 15, 1987

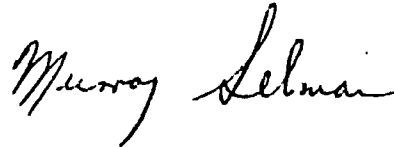
RE: Indian Point Unit No. 2
Docket No. 50-247

Director, Office of Management
and Program Analysis
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point
Unit No. 2 for the month of May, 1987.

Very truly yours,



2.190.6.11.2
Enclosure

cc: U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Mr. William Russell
Regional Administrator - Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 38
Buchanan, NY 10511

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SUMMARY OF OPERATING EXPERIENCE

May 1987

In general, Unit 2 was operated at 100% power (gross) throughout the month of May.

A unit runback to 775 MWe occurred on May 13 due to loss of Nuclear Instrument bus #24. The unit was returned to full power in two hours.

On May 15, Nuclear Instrument bus #24 was again lost during testing of #24 static inverter and a unit runback occurred. Operators stabilized the unit at 835 MWe. The unit was returned to full power in one hour. Malfunctions in #24 Static Inverter resulted from a defective reed switch on the control transfer board. This de-energized the NI bus twice. The reed switch was replaced and unit tested satisfactorily.

Load was reduced to 350 MWe for four and a half hours on May 15-16 to conduct the turbine stop valve test.

Load was reduced to 600 MWe on May 30, to repair a seal water supply pipe for #21 MBFP. The unit was returned to full power on May 31.