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August 15, 1990

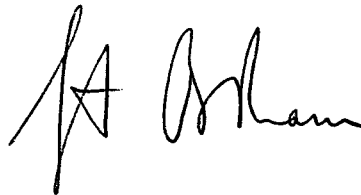
Re: Indian Point Station  
Docket No. 50-247

Director, Office of Resource Management  
US Nuclear Regulatory Commission  
Washington, DC 20555

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of July, 1990.

Very truly yours,



Enclosure

cc: Document Control Desk  
US Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

Mr. Thomas T. Martin  
Regional Administrator - Region I  
US Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Senior Resident Inspector  
US Nuclear Regulatory Commission  
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# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 8/9/90  
 COMPLETED BY K. Krieger  
 TELEPHONE (914) 526-5155

## OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: July 1990
3. Licensed Thermal Power (MWt): 3071.4
4. Nameplate Rating (Gross MWe): 1310
5. Design Electrical Rating (Net MWe): 986
6. Maximum Dependable Capacity (Gross MWe): 885
7. Maximum Dependable Capacity (Net MWe): 849

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe): 959
10. Reasons For Restrictions, If Any: Turbine Limitations.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5087	141000
12. Number Of Hours Reactor Was Critical	744	2242.50	95997.56
13. Reactor Reserve Shutdown Hours	0	0	3922.90
14. Hours Generator On-Line	710.27	2196.60	93401.83
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2070161	6061881	252573993
17. Gross Electrical Energy Generated (MWH)	664095	1983015	76577901
18. Net Electrical Energy Generated (MWH)	638873	1897319	73165604
19. Unit Service Factor	95.5	43.2	66.2
20. Unit Availability Factor	95.5	43.2	66.2
21. Unit Capacity Factor (Using MDC Net)	101.1	43.5	60.5
22. Unit Capacity Factor (Using DER Net)	87.1	39.2	59.2
23. Unit Forced Outage Rate	0	0	7.6

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

Refueling 1/12/91, 136 days

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP Unit No. 2

DATE 8/9/90

COMPLETED BY K. Krieger

TELEPHONE (914) 526-5155

MONTH July 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>928</u>
2	<u>928</u>
3	<u>928</u>
4	<u>927</u>
5	<u>929</u>
6	<u>927</u>
7	<u>929</u>
8	<u>926</u>
9	<u>926</u>
10	<u>926</u>
11	<u>925</u>
12	<u>926</u>
13	<u>928</u>
14	<u>918</u>
15	<u>928</u>
16	<u>926</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>920</u>
18	<u>924</u>
19	<u>922</u>
20	<u>921</u>
21	<u>912</u>
22	<u>917</u>
23	<u>907</u>
24	<u>901</u>
25	<u>904</u>
26	<u>902</u>
27	<u>879</u>
28	<u>---</u>
29	<u>56</u>
30	<u>836</u>
31	<u>913</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

REPORT MONTH July 1990

DOCKET NO. 50-247  
 UNIT NAME IP Unit #2  
 DATE 8/9/90  
 COMPLETED BY K. Krieger  
 TELEPHONE (914) 526-5155

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
2	900728	S	33.73	B	4		HB	PIPEXX	Repair leak on Main Steam Supply Line to 21A Reheater. Reactor remained critical.

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

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

(9/77)

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE

<u>MWO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
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-----NONE REPORTED-----				
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## SUMMARY OF OPERATING EXPERIENCE

### JULY 1990

The unit was operated at a maximum achievable power of approximately 97% from the beginning of the month until 7/21, when power was reduced to approximately 89% at 0130 hours on 7/21 to perform the periodic turbine stop valve test. Test was completed and unit returned to approximately 97% by 0430 on 7/21.

On 7/27 at 2200 hours, a unit shutdown was initiated for a planned outage to repair a steam leak on 21A moisture separator reheater (MSR) steam line. The unit was removed from service at 0121 hours on 7/28; the reactor was maintained critical during the outage.

After completion of repairs to 21A MSR and other planned work, the unit was returned to service at 1105 on 7/29. Power was increased to 30% by 1449 and maintained there due to secondary plant chemistry stabilization. Power ascension was continued at 0012 on 7/30, and unit was returned to a maximum achievable power of approximately 97% by 1210 on 7/30; unit was maintained there for the remainder of the month.