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October 15, 1993

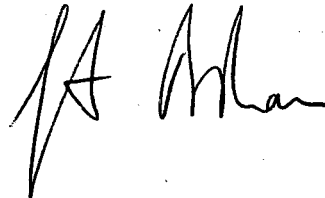
Re: Indian Point Station  
Docket No. 50-247

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 September, 1993.

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  
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## SUMMARY OF OPERATING EXPERIENCE

### September 1993

The unit was operated at 100% reactor power for the entire month of September with the following exceptions:

Reactor power was reduced to approximately 90% at 0600 hours on September 1st due to chloride levels in the secondary side of the steam generators. On September 2nd, operation at 100% reactor power was again achieved by 1445 hours.

Reactor power was reduced to approximately 94% at 0600 hours on September 18th for the performance of the monthly turbine stop valve test and to perform an oil change on the 22 condensate pump. Reactor power of 100% was resumed at 1715 hours on the same day.

**OPERATING DATA REPORT**

DOCKET NO. 50-247  
 DATE 10/07/93  
 COMPLETED BY A. Reed  
 TELEPHONE (914) 526-5155

**OPERATING STATUS**

1. Unit Name: Indian Point Unit #2
2. Reporting Period: September, 1993
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): 965
7. Maximum Dependable Capacity (Net MWe): 931
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
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- 
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>720</u>	<u>6551</u>	<u>168768</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>4421.69</u>	<u>117365.86</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4118.52</u>
14. Hours Generator On-Line	<u>720</u>	<u>4361.37</u>	<u>114300.34</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2201040</u>	<u>12756270</u>	<u>314424495</u>
17. Gross Electrical Energy Generated (MWH)	<u>690838</u>	<u>4006865</u>	<u>96232256</u>
18. Net Electrical Energy Generated (MWH)	<u>665874</u>	<u>3843875</u>	<u>92065822</u>
19. Unit Service Factor	<u>100.0</u>	<u>66.6</u>	<u>67.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>66.6</u>	<u>67.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.3</u>	<u>62.6</u>	<u>62.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.8</u>	<u>59.5</u>	<u>61.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>4.6</u>	<u>7.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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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  | <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 I.P. Unit #2  
DATE 10/07/93  
COMPLETED BY A. Reed  
TELEPHONE (914) 526-5155

MONTH September, 1993

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>830</u>
2	<u>873</u>
3	<u>925</u>
4	<u>922</u>
5	<u>927</u>
6	<u>931</u>
7	<u>910</u>
8	<u>917</u>
9	<u>927</u>
10	<u>930</u>
11	<u>934</u>
12	<u>928</u>
13	<u>934</u>
14	<u>935</u>
15	<u>937</u>
16	<u>937</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>933</u>
18	<u>880</u>
19	<u>921</u>
20	<u>936</u>
21	<u>942</u>
22	<u>935</u>
23	<u>925</u>
24	<u>932</u>
25	<u>941</u>
26	<u>943</u>
27	<u>943</u>
28	<u>947</u>
29	<u>940</u>
30	<u>930</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. (9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 10/07/93

COMPLETED BY A. Reed

TELEPHONE (914) 526-5155

REPORT MONTH September, 1993

No.	Date	Type	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
NONE									

1  
F: Forced  
S: Scheduled

2  
Reason:  
A - Equipment Failure (Explain)  
B - Maintenance or Test  
C - Refueling  
D - Regulatory Restriction  
E - Operator Training & Licensee 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 of Licensee Event Report (LER) File (NUREG-0161)

5  
Exhibit 1 - Same Source

(9/77)

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE

<u>MWO</u>	<u>System</u>	<u>Component</u>	<u>Date Completed</u>	<u>Work Performed</u>
66908	SW	23 SWP	09/27/93	Installed New Pump