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October 17, 1994

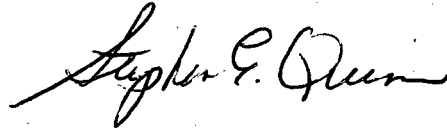
Re: Indian Point Station  
Docket No. 50-247

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,  
1994.

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  
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## SUMMARY OF OPERATING EXPERIENCE

September, 1994

The Unit was operated at 91% reactor power through 2230 hours on September 10th, for fuel optimization and to minimize the potential for primary to secondary leakage.

On September 10th at 2230 hours, reactor power was reduced to 85% to perform a turbine stop valve test. At 2330 hours, N-16 leak rate alarms caused the operators to reduce reactor power to 80%. Power remained at this level through 1500 hours on September 12th. At 1500 hours on September 12th, the unit reactor power was further reduced to a low of 70% which was held until 1730 hours on September 13th. Reactor power was slowly increased to a level of 89% at 1530 hours on September 14th. The unit was operated at this power level for the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 10/07/94  
 COMPLETED BY A. Reed  
 TELEPHONE (914) 734-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: September, 1994
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): Approximately 89% Rx Power, @ 840 Net MWe
  10. Reasons For Restrictions, If Any: Unit being maintained at 89% Reactor Power due to "Fuel Optimization"

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6551	177528
12. Number Of Hours Reactor Was Critical	720	6551	126125.86
13. Reactor Reserve Shutdown Hours	0	0	4118.52
14. Hours Generator On-Line	720	6551	123100.34
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1953926	18673430	339856354
17. Gross Electrical Energy Generated (MWH)	619828	5966363	104358946
18. Net Electrical Energy Generated (MWH)	596173	5755930	99906160
19. Unit Service Factor	100.0	100.0	69.3
20. Unit Availability Factor	100.0	100.0	69.3
21. Unit Capacity Factor (Using MDC Net)	88.9	93.7	64.4
22. Unit Capacity Factor (Using DER Net)	84.0	89.1	62.6
23. Unit Forced Outage Rate	0	0	6.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling Outage scheduled for February 4, 1995 for a duration of 93 days.

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>

(9/77)

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-247  
 UNIT I.P. Unit #2  
 DATE 10/07/94  
 COMPLETED BY A. Reed  
 TELEPHONE (914) 734-5155

MONTH September, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>857</u>	17	<u>830</u>
2	<u>854</u>	18	<u>836</u>
3	<u>856</u>	19	<u>835</u>
4	<u>854</u>	20	<u>834</u>
5	<u>860</u>	21	<u>836</u>
6	<u>858</u>	22	<u>841</u>
7	<u>859</u>	23	<u>837</u>
8	<u>858</u>	24	<u>839</u>
9	<u>857</u>	25	<u>836</u>
10	<u>854</u>	26	<u>836</u>
11	<u>826</u>	27	<u>836</u>
12	<u>702</u>	28	<u>837</u>
13	<u>642</u>	29	<u>836</u>
14	<u>812</u>	30	<u>841</u>
15	<u>840</u>	31	<u>      </u>
16	<u>841</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 IP. Unit #2

DATE 10/07/94

COMPLETED BY A. Reed

TELEPHONE (914) 734-5155

REPORT MONTH September, 1994

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
<i>NONE</i>									

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>
73243	SW	26 SWP	09/30/94	Installed new pump.