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Vice President

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Indian Point Station
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October 15, 1990

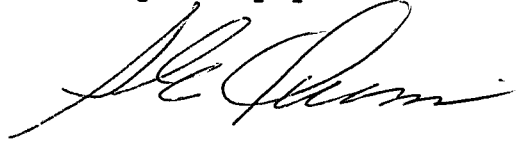
Re: Indian Point Station
Docket No. 50-247

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 September, 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
PO Box 38
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SUMMARY OF OPERATING EXPERIENCE

September 1990

The unit was operated at a maximum achievable power of approximately 96% for the month of September, except for the following reductions in power.

Power was reduced to approximately 90% at 0018 on 9/1 to conduct the periodic turbine stop valve test. Test was completed by 0155 and the unit was returned to maximum power by 0325 on 9/1.

On 9/6 at 1645 a unit shutdown was commenced to investigate a leak on valve 455B. The unit was removed from service at 2057 on 9/6. After completion of repairs to valve 455B, the reactor was brought critical on 9/10 at 0355 and the unit returned to service by 1346 the same day.

During power ascension from a 30% power secondary chemistry hold, an 8% power reduction was initiated at 1915 on 9/10 to repair #23 feedwater regulating valve. Repairs were completed by 0315 on 9/11, and power ascension continued. Power was again held at 30% at 0415 due to secondary chemistry. After chemistry hold was cleared at 0630 on 9/11, power ascension continued. Unit reached maximum power by 0700 the same day.

On 9/18 at 0437, a unit shutdown was commenced due to a loss of heat trace circuit #12. Shutdown was terminated and power ascension initiated by 0545, when repairs to circuit were completed. Unit reached maximum power by 0700 the same day.

Power was reduced to approximately 30% commencing at 1638 on 9/26 to test the containment isolation valves on #24 steam generator blowdown line. After completion of testing at 0240 on 9/27, power ascension was initiated. Unit was returned to maximum power by 0700 the same day.

The unit was operated at a maximum achievable power of approximately 96% for the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 10/10/90
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: September 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): 955 *
7. Maximum Dependable Capacity (Net MWe): 919*

Notes

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

* Revised effective 6/23/90 to reflect demonstrated effect of the Tavgr increase on summer rating.

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	<u>720</u>	<u>6551</u>	<u>14264</u>
12. Number Of Hours Reactor Was Critical	<u>641.48</u>	<u>3627.98</u>	<u>97383.04</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>3922.90</u>
14. Hours Generator On-Line	<u>631.18</u>	<u>3571.78</u>	<u>94777.01</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1807597</u>	<u>10043594</u>	<u>256555706</u>
17. Gross Electrical Energy Generated (MWH)	<u>576577</u>	<u>3253503</u>	<u>77848389</u>
18. Net Electrical Energy Generated (MWH)	<u>553755</u>	<u>3119751</u>	<u>74388036</u>
19. Unit Service Factor	<u>87.7</u>	<u>54.5</u>	<u>66.5</u>
20. Unit Availability Factor	<u>87.7</u>	<u>54.5</u>	<u>66.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>83.7</u>	<u>54.0</u>	<u>60.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>78.0</u>	<u>49.7</u>	<u>59.5</u>
23. Unit Forced Outage Rate	<u>12.3</u>	<u>2.4</u>	<u>7.6</u>

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:

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 IP Unit No. 2

DATE 10/10/90

COMPLETED BY K. Krieger

TELEPHONE (014) 526-5155

MONTH September 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>918</u>
2	<u>921</u>
3	<u>922</u>
4	<u>921</u>
5	<u>923</u>
6	<u>714</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>37</u>
11	<u>533</u>
12	<u>902</u>
13	<u>905</u>
14	<u>908</u>
15	<u>905</u>
16	<u>906</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>907</u>
18	<u>908</u>
19	<u>925</u>
20	<u>931</u>
21	<u>932</u>
22	<u>932</u>
23	<u>933</u>
24	<u>927</u>
25	<u>935</u>
26	<u>750</u>
27	<u>819</u>
28	<u>933</u>
29	<u>933</u>
30	<u>942</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1990

DOCKET NO. 50-247
 UNIT NAME IP Unit #2
 DATE 10/10/90
 COMPLETED BY K. Krieger
 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
3	900906	F	88.82	A	2		CB	VALVEX A	Leak on Valve 455B Pressurizer Relief Valve
N/A	900926	F	0	B	4		SD	VALVEX F	Containment Isolation Valve Leak Test.

1
 F: Forced
 S: Scheduled

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 (NUREG-
 0161)

5
 Exhibit I - Same Source

(9/77)