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February 13, 1998

Re: Indian Point Station  
Docket No. 50-247

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

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for  
January 1998.

Very truly yours,

Enclosure

cc: Mr. Hubert J. Miller  
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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3 Empire Plaza  
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9803310107 980316  
PDR ADOCK 05000247  
R PDR

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE March 05, 1998  
 COMPLETED BY K. Krieger  
 TELEPHONE (914)734-5146

## OPERATING STATUS

Notes

1. Unit Name : Indian Point Unit #2
2. Reporting Period : January 1998
3. Licensed Thermal Power (Mwt) : 3071.4
4. Nameplate Rating (Gross Mwe) : 1008
5. Design Electrical Rating (Net Mwe) : 986
6. Maximum Dependable Capacity (Gross Mwe) : 985
7. Maximum Dependable Capacity (Net Mwe) : 951

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

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9. Power Level To Which Restricted, If Any (Net Mwe) : \_\_\_\_\_

10. Reasons For Restrictions, If Any : \_\_\_\_\_

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	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>744</u>	<u>744</u>	<u>206785</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>146361.17</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4566.64</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>142746.88</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>397462837</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>122877285</u>
18. Net Electrical Energy Generated (MWH)	<u>- 2840</u>	<u>-2840</u>	<u>117649801</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>69.0</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>69.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>64.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>62.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.0</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 : April 8, 1998

	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 POWER LEVEL

DOCKET NO. 50-247  
 UNIT I.P. Unit #2  
 DATE 03/05/98  
 COMPLETED BY K. Krieger  
 TELEPHONE (914)734-5146

MONTH January 1998

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

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.

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REPORT MONTH January 1998

No.	Date	Type(1)	Duration (Hours)	Reason(2)	Method of Shutting Down Reactor	Licensee Event Report #	System Code (4)	Component Code (5)	Cause & Corrective Action to Prevent Recurrence
7	971015	S	744	B	1	97-24	ED	(CKTBKR) A	Continuing outage. Unit remains in cold shutdown.

(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)

SUMMARY OF OPERATING EXPERIENCE

January 1998

Unit 2 remained in cold shutdown for the entire month of January for a scheduled plant betterment outage. Work performed on major safety-related equipment included: installation of smart stems on safety-related motor operated valves, replacement of check valves on the emergency diesel generator air starting system, and replacement of the tubing on the safety injection pumps with flexible hoses.

MAJOR SAFETY RELATED MAINTENANCE

W.O. #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
97-90749, 90748, 90747	IC	various MOVs	on-going	installation of smart stems on safety-related motor operated valves
97-94411, 94410, 94409	EB	21 EDG 22 EDG 23 EDG	on-going	replacement of check valves on emergency diesel generator air start system
97-95575, 95574, 95573	IC	21 SIP 22 SIP 23 SIP	on-going	replacement of tubing on safety injection pumps with flexible hoses