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Vice President

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February 15, 1991

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 January, 1991.

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  
Buchanan, NY 10511

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PDR ADOCK 05000247  
R PDR

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## SUMMARY OF OPERATING EXPERIENCE

### January 1991

The unit was operated at a maximum achievable level of approximately 96.0% reactor power for the month of January, except for the following:

On 1/7 at 1105, a reactor trip occurred. The trip resulted from a low pressurizer pressure signal induced during the conduct of maintenance. After completion of repairs and review of the trip, the unit was brought critical on 0315 on 1/8 and returned to service by 2036 that same day.

Reactor power was increased to 30% by 2247 on 1/8, and power was held there for stabilization of secondary chemistry. At 1520 on 1/9, the chemistry hold was lifted and the power ascension initiated. The unit was returned to maximum power by 0550 on 1/10.

The unit was operated at a maximum achievable power of approximately 96.0% for the remainder of the month, when shutdown for the Cycle 10/11 refueling outage was initiated at 1930 on 1/31. The unit was on-line at the end of the month, with the refueling outage planned to begin on 2/1.

**OPERATING DATA REPORT**

DOCKET NO. 50-247  
 DATE 2/5/91  
 COMPLETED BY J. Spivak  
 TELEPHONE (914) 526-5104

**OPERATING STATUS**

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: January 1991
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): 975
7. Maximum Dependable Capacity (Net MWe): 939
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	744	145417
12. Number Of Hours Reactor Was Critical	727.83	727.83	100319.87
13. Reactor Reserve Shutdown Hours	0	0	3922.90
14. Hours Generator On-Line	710.48	710.48	97696.49
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2053851	2053851	265142519
17. Gross Electrical Energy Generated (MWH)	678122	678122	80686568
18. Net Electrical Energy Generated (MWH)	654953	654953	77131947
19. Unit Service Factor	95.5	95.5	67.2
20. Unit Availability Factor	95.5	95.5	67.2
21. Unit Capacity Factor (Using MDC Net)	93.8	93.8	61.6
22. Unit Capacity Factor (Using DER Net)	89.3	89.3	60.3
23. Unit Forced Outage Rate	4.5	4.5	7.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling Feb. 1, 1991 @ approximately 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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-247  
 UNIT IP Unit No. 2  
 DATE 2-5-91  
 COMPLETED BY J. Spivak  
 TELEPHONE (914) 526-5104

MONTH January 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	953
2	952
3	957
4	951
5	951
6	951
7	424
8	0
9	305
10	939
11	951
12	954
13	949
14	951
15	952
16	953

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	954
18	952
19	954
20	952
21	956
22	953
23	952
24	951
25	952
26	955
27	949
28	954
29	957
30	952
31	865

**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

DOCKET NO. 50-247  
 UNIT NAME IP Unit No. 2  
 DATE 2/5/91  
 COMPLETED BY J. Spivak  
 TELEPHONE (914) 526-5104

REPORT MONTH January 1991

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
1	910107	F	33.52	H*	3	91-001	CJ	INSTRU T	Induced Low Pressurizer Pressure
N/A	910108	S	0	F	4	-----	HH	HTEXCH F	30% Chemistry Hold due to Sulfides

\* Design Consideration

<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)