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November 17, 1997

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 October 1997.

Very truly yours,

Paul H. Kinkel

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
PO Box 38
Buchanan, NY 10511

Mr. Paul Eddy
State of New York Department of Public Service
3 Empire Plaza
Albany, NY 12223

11-22-97

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PDR ADOCK 05000247
R PDR



OPERATING DATA REPORT

DOCKET NO. 50-247

DATE Nov. 7, 1997

COMPLETED BY K. Krieger

TELEPHONE (914)734-5146

OPERATING STATUS

Notes

1. Unit Name : Indian Point Unit #2
2. Reporting Period : October 1997
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 :

* Winter ratings effective 10/26/97 at 0200 hours with the switch to Eastern Standard Time

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>745</u>	<u>7296</u>	<u>204577</u>
12. Number of Hours Reactor Was Critical	<u>337.67</u>	<u>3815.65</u>	<u>146361.17</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>131.87</u>	<u>4566.64</u>
14. Hours Generator On-Line	<u>337.25</u>	<u>3639.98</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>1022156</u>	<u>10484550</u>	<u>397462837</u>
17. Gross Electrical Energy Generated (MWH)	<u>329592</u>	<u>3338527</u>	<u>122877285</u>
18. Net Electrical Energy Generated (MWH)	<u>311937</u>	<u>3164827</u>	<u>117658601</u>
19. Unit Service Factor	<u>45.3</u>	<u>49.9</u>	<u>69.8</u>
20. Unit Availability Factor	<u>45.3</u>	<u>49.9</u>	<u>69.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>44.8</u>	<u>46.3</u>	<u>65.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>42.5</u>	<u>44.0</u>	<u>63.2</u>
23. Unit Forced Outage Rate	<u>54.7</u>	<u>34.7</u>	<u>7.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup : Not available

	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 11/7/97
 COMPLETED BY K. Krieger
 TELEPHONE (914)734-5146

MONTH October 1997

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	<u>949</u>	17	<u>0</u>
2	<u>948</u>	18	<u>0</u>
3	<u>948</u>	19	<u>0</u>
4	<u>949</u>	20	<u>0</u>
5	<u>950</u>	21	<u>0</u>
6	<u>951</u>	22	<u>0</u>
7	<u>951</u>	23	<u>0</u>
8	<u>951</u>	24	<u>0</u>
9	<u>951</u>	25	<u>0</u>
10	<u>953</u>	26	<u>0</u>
11	<u>950</u>	27	<u>0</u>
12	<u>950</u>	28	<u>0</u>
13	<u>950</u>	29	<u>0</u>
14	<u>879</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</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.

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 11/7/97

COMPLETED BY K. Krieger

TELEPHONE (914)734-5146

REPORT MONTH October 1997

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
N/A	971014	F	0	A	4		ED	(CKTBKR) A	Unit coming off line to troubleshoot problem with 480V breaker. Reactor still critical.
7	971015	F	407.75	A	1		ED	(CKTBKR) A	Unit removed from service to investigate problems with 480V DB-50 breakers, Reactor 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

October 1997

Unit 2 began the month of October at 100% reactor power until October 14 at 2004 hours when a shutdown commenced following an SIS pump test in which a 480V DB-50 breaker failed.

On October 15 at 0115 hours the unit was taken off line when it was determined that all DB-50 breakers had to be evaluated.

The plant was brought to "cold" shutdown at 1420 hours on October 25 and remained there for the remainder of the month.

MAJOR SAFETY RELATED MAINTENANCE

W.O. #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
97-93705	480V	DB-50 Breaker BRKR/2007-005	On-going	On-going