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Indian Point Station
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April 15, 1997

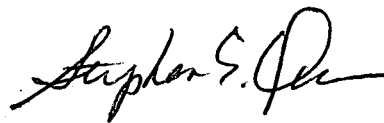
Re: Indian Point Station
Docket No. 50-247

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 March 1997.

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
PO Box 38
Buchanan, NY 10511

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

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PDR ADOCK 05000247
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SUMMARY OF OPERATING EXPERIENCE

March 1997

Unit 2 reactor was made critical on 3/14/97 at 2218 hours. Turbine synchronization took place on 3/15/97 at 1401 hours.

On 3/16/97 at approximately 0630 hours reactor power was held at 49% due to an alarm indicating a rod misalignment. After confirming no misalignment, power ascension began at approximately 1130 hours. At 1700 hours on this same day reactor power was held at 76% due to an alarming radiation monitor. After investigating the alarm and isolating the Steam Generator blowdowns, it was determined there was no leakage. Power ascension was initiated on 3/17/97 at approximately 0300 hours.

Full power was achieved at 1245 hours on 3/17/97 and maintained through the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-247

DATE Apr. 10, 1997

COMPLETED BY A. Reed

TELEPHONE (914)734-5155

OPERATING STATUS

Notes

1. Unit Name : Indian Point Unit #2
2. Reporting Period : March 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 :

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>744</u>	<u>2160</u>	<u>199441</u>
12. Number of Hours Reactor Was Critical	<u>409.70</u>	<u>1021.83</u>	<u>143567.35</u>
13. Reactor Reserve Shutdwn Hours	<u>0</u>	<u>131.87</u>	<u>4566.64</u>
14. Hours Generator On-Line	<u>393.98</u>	<u>1006.11</u>	<u>140113.01</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1148384</u>	<u>3012601</u>	<u>389990888</u>
17. Gross Electrical Energy Generated (MWH)	<u>374283</u>	<u>985317</u>	<u>120524075</u>
18. Net Electrical Energy Generated (MWH)	<u>353168</u>	<u>933302</u>	<u>115427076</u>
19. Unit Service Factor	<u>53.0</u>	<u>46.6</u>	<u>70.3</u>
20. Unit Availability Factor	<u>53.0</u>	<u>46.6</u>	<u>70.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>49.9</u>	<u>45.4</u>	<u>65.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>48.1</u>	<u>43.8</u>	<u>63.7</u>
23. Unit Forced Outage Rate	<u>47.0</u>	<u>53.4</u>	<u>6.8</u>

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

Refueling outage scheduled for 5/2/97 with an estimated duration of 56 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 POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 04/10/97

COMPLETED BY A. Reed

TELEPHONE (914)734-5155

MONTH March 1997

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>32</u>
16	<u>511</u>

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>885</u>
18	<u>968</u>
19	<u>969</u>
20	<u>970</u>
21	<u>970</u>
22	<u>971</u>
23	<u>970</u>
24	<u>971</u>
25	<u>972</u>
26	<u>971</u>
27	<u>973</u>
28	<u>975</u>
29	<u>974</u>
30	<u>971</u>
31	<u>970</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

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE 04/10/97

COMPLETED BY A. Reed

TELEPHONE (914)734-5155

REPORT MONTH MARCH 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
1	970126	F	350.02	A	3		HH	(VALVEX) (H)	UNIT REMOVED FROM SERVICE TO INVESTIGATE MAIN FEEDWATER REGULATING VALVES PROBLEMS. VALVES HAVE BEEN REBUILT AND THE UNIT RETURNED TO SERVICE ON 3/15/97.
N/A	970316	F	0	A	4		RC	(CONROD)	ROD MISALIGNMENT INDICATION ALARM ACTIVATED. REACTOR ENGINEERING VERIFIED NO MISALIGNMENT. REACTOR REMAINED IN SERVICE.
N/A	970316	F	0	A	4		HI	(HTEXCH) (F)	STEAM GENERATOR BLOWDOWN PROBLEM. R49 RAD ALARM INITIATED. ISOLATED BLOWDOWNS AND VERIFIED NO LEAKAGE.

(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)

MAJOR SAFETY RELATED MAINTENANCE

<u>W.O. #</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE COMPLETED</u>	<u>WORK PERFORMED</u>
87481	22 EDG	JWPS-5-1	03/97	REPLACED SWITCH
87500	22 EDG	JWPS-1-1	03/97	REPLACED SWITCH
87501	22 EDG	JWPS-2-1	03/97	REPLACED SWITCH
90178	22 EDG	PS4-1	03/97	REPLACED SWITCH
90179	22 EDG	PS3-1	03/97	REPLACED SWITCH