



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc
Indian Point Energy Center
295 Broadway, Suite 1
P.O. Box 249
Buchanan, NY 10511-0249

October 15, 2002

Re: Indian Point Unit No. 2
Docket No. 50-247
NL-02-134

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station O-P1-17
Washington, DC 20555-0001

Subject: Monthly Operating Report - September 2002

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for September 2002.

There are no commitments contained in this letter.

Should you have any questions regarding this matter, please contact Mr. John McCann, Manager, Licensing, Indian Point Energy Center at (914) 734-5074.

Sincerely,

A handwritten signature in black ink, appearing to read "Fred Dacimo".

Fred Dacimo
Vice President - Operations
Indian Point 2

Enclosure

cc: Mr. Hubert J. Miller
Regional Administrator - Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1498

Senior Resident Inspector
US Nuclear Regulatory Commission
Indian Point Unit 2
PO Box 38
Buchanan, NY 10511

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

JE 24

OPERATING DATA REPORT

DOCKET NO.	<u>50-247</u>
DATE	<u>October 4, 2002</u>
COMPLETED BY	<u>A. Semidey</u>
TELEPHONE	<u>(914)734-5694</u>

OPERATING STATUS

1. Unit Name :	<u>INDIAN POINT UNIT No. 2</u>	Notes
2. Reporting Period :	<u>September-2002</u>	
3. Licensed Thermal Power (MWt) :	<u>3071.4</u>	
4. Nameplate Rating (Gross Mwe) :	<u>1008</u>	
5. Design Electrical Rating (Net Mwe) :	<u>986</u>	
6. Maximum Dependable Capacity (Gross Mwe) :	<u>965</u>	
7. Maximum Dependable Capacity (Net Mwe) :	<u>931</u>	
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>720</u>	<u>6,551</u>	<u>247,656</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>6,551</u>	<u>173,051.75</u>
13 Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4,566.64</u>
14. Hours Generator On-Line	<u>678</u>	<u>6,509</u>	<u>169,150.05</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,060,664</u>	<u>19,874,331</u>	<u>476,386,734</u>
17. Gross Electrical Energy Generated (MWH)	<u>659,595</u>	<u>6,514,539</u>	<u>148,761,429</u>
18 Net Electrical Energy Generated (MWH)	<u>635,165</u>	<u>6,293,756</u>	<u>142,516,678</u>
19. Unit Service Factor	<u>94.2</u>	<u>99.4</u>	<u>68.3</u>
20. Unit Availability Factor	<u>94.2</u>	<u>99.4</u>	<u>68.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.8</u>	<u>102.4</u>	<u>64.5</u>
22 Unit Capacity Factor (Using DER Net)	<u>89.5</u>	<u>97.4</u>	<u>62.3</u>
23 Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>13.9</u>

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

Refueling and maintenance outage scheduled for October 26, 2002 for a duration of approximately 35 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. 50-247UNIT I.P. Unit #2DATE October 4, 2002COMPLETED BY A. SemideyTELEPHONE (914)734-5694MONTH September-2002DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>935</u>
2	<u>957</u>
3	<u>964</u>
4	<u>958</u>
5	<u>952</u>
6	<u>958</u>
7	<u>958</u>
8	<u>959</u>
9	<u>958</u>
10	<u>943</u>
11	<u>513</u>
12	<u>0</u>
13	<u>177</u>
14	<u>936</u>
15	<u>955</u>
16	<u>956</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>957</u>
18	<u>957</u>
19	<u>957</u>
20	<u>958</u>
21	<u>955</u>
22	<u>956</u>
23	<u>959</u>
24	<u>955</u>
25	<u>958</u>
26	<u>958</u>
27	<u>961</u>
28	<u>961</u>
29	<u>962</u>
30	<u>963</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

DOCKET NO. 50-247

UNIT I.P. Unit #2

DATE October 4, 2002

COMPLETED BY A. Semidey

TELEPHONE (914)734-5694

REPORT MONTH September-2002

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
N/A	020911	S	0.00	H	4		HA	(HTEXCH) C	Controlled shutdown in preparation for H2 cooler replacement. Reactor remained at approximately 11 % power.
1	020911	S	42.00	H	4		HA	(HTEXCH) C	Main turbine generator shutdown due to hydrogen leak. Hydrogen coolers were replaced while reactor power was maintained at approximately 11 % power.

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

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SUMMARY OF OPERATING EXPERIENCE**September 2002**

Unit 2 operated at full power until September 1, 2002 at 0007 hours when power was reduced in preparation for a scheduled turbine stop valve test. Reactor power was reduced to approximately 90 percent during this evolution. Following testing, power ascension began with full power achieved by approximately 1130 hours on September 1, 2002.

On September 10, 2002 at 1810 hours, electrical power production was reduced to mitigate increasing hydrogen cooler temperatures on the main generator and reactor power was reduced to approximately 94 percent. A controlled shutdown was initiated on September 11, 2002 at 1023 hours and the electric generator unit was taken off line at 1817 hours on September 11, 2002 to allow replacement of the hydrogen coolers. Reactor power was maintained at approximately 11 percent. Following the replacement of the hydrogen coolers, the unit was returned to service on September 13, 2002 at 1217 hours. Power escalation commenced with full power being achieved at approximately 1830 hours on September 14, 2002.

The unit remained at full power through the end of the month.

Major Safety Related Maintenance

W.O #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
IP2-02 -54762	IA	PC-455A	9/4/2002	Replaced pressurizer low pressure bistable power supply.