



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

May 15, 2002

Re: Indian Point Unit No. 2
Docket No. 50-247
NL-02-069

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

Subject: Monthly Operating Report - April 2002

Dear Sir:

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

There are no commitments contained in this letter.

Should you have any questions regarding this matter, please contact Mr. John McCann, Manager, Nuclear Safety and Licensing (914) 734-5074.

Sincerely,

A handwritten signature in black ink that reads "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

Handwritten initials "JED4" in black ink.

OPERATING DATA REPORT

DOCKET NO.	<u>50-247</u>
DATE	<u>May 3, 2002</u>
COMPLETED BY	<u>K. Krieger</u>
TELEPHONE	<u>(914)734-5146</u>

OPERATING STATUS

1. Unit Name :	<u>INDIAN POINT UNIT No. 2</u>	Notes
2. Reporting Period :	<u>April-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 :		
* The above changes reflect summer ratings effective April 7, 2002 .		

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>719</u>	<u>2,879</u>	<u>243,984</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2,879</u>	<u>169,379.75</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4,566.64</u>
14. Hours Generator On-Line	<u>719</u>	<u>2,879</u>	<u>165,520.05</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,155,238</u>	<u>8,775,127</u>	<u>465,287,530</u>
17. Gross Electrical Energy Generated (MWH)	<u>708,799</u>	<u>2,911,683</u>	<u>145,158,573</u>
18. Net Electrical Energy Generated (MWH)	<u>684,857</u>	<u>2,815,291</u>	<u>139,038,213</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>67.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>67.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.9</u>	<u>103.3</u>	<u>63.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>99.2</u>	<u>61.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>14.2</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 :	_____	
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 May 3, 2002COMPLETED BY K. KriegerTELEPHONE (914)734-5146MONTH April-2002

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

1	<u>987</u>
2	<u>984</u>
3	<u>979</u>
4	<u>977</u>
5	<u>978</u>
6	<u>977</u>
7	<u>986</u>
8	<u>983</u>
9	<u>986</u>
10	<u>985</u>
11	<u>985</u>
12	<u>984</u>
13	<u>984</u>
14	<u>985</u>
15	<u>980</u>
16	<u>979</u>

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

17	<u>979</u>
18	<u>978</u>
19	<u>977</u>
20	<u>673</u>
21	<u>477</u>
22	<u>952</u>
23	<u>975</u>
24	<u>976</u>
25	<u>973</u>
26	<u>974</u>
27	<u>979</u>
28	<u>983</u>
29	<u>981</u>
30	<u>980</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 May 3, 2002

COMPLETED BY K. Krieger

TELEPHONE (914)734-5146

REPORT MONTH April-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	020420	F	0.00	A	4	-	CH	(PUMPXXX) B	23 Condensate pump tripped due to a short in the motor. Reactor remained critical while pump motor was replaced.

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

NL-02-069
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SUMMARY OF OPERATING EXPERIENCE**April 2002**

Unit 2 operated at full power until 1100 hours on April 20, 2002 when the motor failed on the 23 Condensate Pump causing an immediate reduction in power. Reactor power was reduced to approximately 46 percent during this evolution. Following the replacement of the Condensate Pump motor, power ascension commenced at 1623 hours on April 21, 2002 with full power being attained by 1000 hours on April 22, 2002. The unit continued to operate at full power through month's end.

Major Safety Related Maintenance

W.O #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
IP2-02-00183	ID	TM-450	4/17/02	Replaced three power supplies for the pressurizer surge line temperature indication.
IP2-02-00436 IP2-02-41391	SB	FC-1105-S	4/18/02	Replaced 22 containment fan cooler unit flow switch.
IP2-02-00430	IA	NI-42C-A	4/29/02	Replaced power range detector isolation amplifier.