



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

January 15, 2002

Re: Indian Point Unit No. 2
Docket No. 50-247
NL-02-008

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

Subject: Monthly Operating Report - December 2001

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for December 2001.

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, 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

Handwritten initials "IE24" in black ink.

OPERATING DATA REPORT

DOCKET NO.	50-247
DATE	January 8, 2002
COMPLETED BY	K. Krieger
TELEPHONE	(914)734-5146

OPERATING STATUS

1. Unit Name :	INDIAN POINT UNIT No. 2	Notes
2. Reporting Period :	December-2001	
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	744	8,760	241,105
12. Number Of Hours Reactor Was Critical	688.75	8,513.98	166,500.75
13. Reactor Reserve Shutdown Hours	0	0	4,566.64
14. Hours Generator On-Line	674.40	8,430.70	162,641.05
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,034,793	24,608,658	456,512,403
17. Gross Electrical Energy Generated (MWH)	681,619	8,084,967	142,246,890
18. Net Electrical Energy Generated (MWH)	656,582	7,792,734	136,222,922
19. Unit Service Factor	90.6	96.2	67.5
20. Unit Availability Factor	90.6	96.2	67.5
21. Unit Capacity Factor (Using MDC Net)	92.8	94.7	63.4
22. Unit Capacity Factor (Using DER Net)	89.5	90.2	61.3
23. Unit Forced Outage Rate	9.4	1.4	14.4
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	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 I.P. Unit #2
DATE January 8, 2002
COMPLETED BY K. Krieger
TELEPHONE (914)734-5146

MONTH December-2001

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>989</u>
2	<u>992</u>
3	<u>991</u>
4	<u>988</u>
5	<u>992</u>
6	<u>990</u>
7	<u>990</u>
8	<u>993</u>
9	<u>993</u>
10	<u>992</u>
11	<u>989</u>
12	<u>991</u>
13	<u>992</u>
14	<u>991</u>
15	<u>990</u>
16	<u>993</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>994</u>
18	<u>990</u>
19	<u>990</u>
20	<u>990</u>
21	<u>993</u>
22	<u>994</u>
23	<u>996</u>
24	<u>994</u>
25	<u>996</u>
26	<u>292</u>
27	<u>0</u>
28	<u>0</u>
29	<u>348</u>
30	<u>983</u>
31	<u>994</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. 50-247UNIT I.P. Unit #2DATE January 8, 2002COMPLETED BY K. KriegerTELEPHONE (914)734-5146REPORT MONTH December-2001

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
2	011226	F	69.60	A	3	01-007	EA	RELAYX (D)	Reactor tripped due to a loss of load from sub station. Problem indicative of a momentary fault on electrical feeds W93 and Y94.

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-02-008
Enclosure
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SUMMARY OF OPERATING EXPERIENCE**December 2001**

Unit 2 operated at full power until 0720 hours on December 26, 2001 when an automatic reactor trip was initiated by a Unit 2 turbine trip. The turbine trip was caused by a trip of the over frequency relays actuated by a disturbance associated with the loss of Consolidated Edison's Buchanan substation indicative of a momentary fault on Consolidated Edison's off-site electrical feed line. Following the investigation and subsequent repairs, the reactor was made critical on December 28, 2001 at 1435 hours. The unit was synchronized to the grid on December 29, 2001 at 0456 hours with full power being achieved by approximately 1200 hours on December 30, 2001. The unit remained at full power through month's end.

Major Safety Related Maintenance

W.O #	SYSTEM	COMPONENT	DATE COMPLETED	WORK PERFORMED
01-24792	IA	FC-419A	12/6/01	Replaced power supply for steam generator steam flow bistable.