



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

January 15, 2003
NL-03-010

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

Subject: Indian Point Unit No. 2
Docket No. 50-247
License No. DPR-26
Monthly Operating Report for December 2002

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point 2 for the month of December 2002 that is being submitted in accordance with Technical Specification 6.9.1.7. There are no commitments contained in this letter.

If there are 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
Indian Point Entergy Center

cc: see next page

JE24

Enclosure: Monthly Operating Report for December 2002

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

Resident Inspector
U.S. Nuclear Regulatory Commission
Indian Point 2
P.O. Box 38
Buchanan, NY 10511

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

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE January 9, 2003
 COMPLETED BY M. Walther
 TELEPHONE (914)734-5728

OPERATING STATUS

| | |
|---|-------|
| 1. Unit Name : <u>INDIAN POINT UNIT No. 2</u> | Notes |
| 2. Reporting Period : <u>December-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>985</u> | |
| 7. Maximum Dependable Capacity (Net Mwe) : <u>951</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>744</u> | <u>8,760</u> | <u>249,865</u> |
| 12. Number Of Hours Reactor Was Critical | <u>744</u> | <u>8,000 87</u> | <u>174,501.62</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>4,566 64</u> |
| 14. Hours Generator On-Line | <u>744</u> | <u>7,931.25</u> | <u>170,572 30</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>2,184,429</u> | <u>23,930,716</u> | <u>480,443,119</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>714,160</u> | <u>7,831,466</u> | <u>150,078,356</u> |
| 18 Net Electrical Energy Generated (MWH) | <u>690,355</u> | <u>7,556,550</u> | <u>143,779,472</u> |
| 19. Unit Service Factor | <u>100 0</u> | <u>90 5</u> | <u>68.3</u> |
| 20. Unit Availability Factor | <u>100 0</u> | <u>90 5</u> | <u>68.3</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>97.6</u> | <u>91 8</u> | <u>64.4</u> |
| 22 Unit Capacity Factor (Using DER Net) | <u>94.1</u> | <u>87 5</u> | <u>62.3</u> |
| 23. Unit Forced Outage Rate | <u>0</u> | <u>0</u> | <u>13.8</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. 50-247
UNIT I.P. Unit #2
DATE January 9, 2003
COMPLETED BY M. Walther
TELEPHONE (914)734-5728

MONTH December-2002

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|------------|
| 1 | <u>616</u> |
| 2 | <u>617</u> |
| 3 | <u>621</u> |
| 4 | <u>795</u> |
| 5 | <u>844</u> |
| 6 | <u>883</u> |
| 7 | <u>974</u> |
| 8 | <u>979</u> |
| 9 | <u>978</u> |
| 10 | <u>979</u> |
| 11 | <u>979</u> |
| 12 | <u>979</u> |
| 13 | <u>976</u> |
| 14 | <u>976</u> |
| 15 | <u>973</u> |
| 16 | <u>950</u> |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|------------|
| 17 | <u>975</u> |
| 18 | <u>972</u> |
| 19 | <u>976</u> |
| 20 | <u>977</u> |
| 21 | <u>978</u> |
| 22 | <u>979</u> |
| 23 | <u>979</u> |
| 24 | <u>978</u> |
| 25 | <u>976</u> |
| 26 | <u>966</u> |
| 27 | <u>971</u> |
| 28 | <u>983</u> |
| 29 | <u>979</u> |
| 30 | <u>977</u> |
| 31 | <u>980</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 January 9, 2003

COMPLETED BY M. Walther

TELEPHONE (914)734-5728

REPORT MONTH December-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 | 021201 | F | 0.00 | A | 4 | | CH | PUMPXX B | 75% Hold due to 21 Main Boiler Feed Pump oil leak. |
| N/A | 021201 | F | 0.00 | A | 4 | | CH | PUMPXX B | Additional reduction in power to effect repairs on 21 Main Boiler Feed Pump. |
| | | | | | | | | | |

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

Summary Of Operating Experience

December 2002

Indian Point Unit No. 2 started the month of December in the power ascension mode following a scheduled refueling outage. On December 1, at approximately 1000 hours, reactor power was held at 75% and then reduced to approximately 65% in order to remove 21 Main Boiler Feed Pump from service due to an oil leak. Following repairs, power ascension commenced. On December 4, at 1730 hours, power ascension was held at 90% power in order to conduct physics and power range testing. Testing was completed on December 6, at 1157 hours, and power ascension continued. Reactor power was held at 97% power on December 6, at 1730 hours, for additional testing and thermal power calculations. At 2301 hours, on December 6, power was increased with full power being achieved by December 7, 2002, at 0230 hours.

The unit continued to run at full power until December 15, 2002, when reactor power was reduced to approximately 97%, to conduct 21 Auxiliary Boiler Feed Pump recirculation valve testing. The unit returned to full power and continued to run at full power through remainder of the reporting period.