



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

November 15, 2001

Re: Indian Point Unit No. 2  
Docket No. 50-247  
NL-01-132

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

Subject: Monthly Operating Report - October 2001

Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for October 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 that appears 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

Senior Resident Inspector  
US Nuclear Regulatory Commission  
PO Box 38  
Buchanan, NY 10511

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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE November 5, 2001  
 COMPLETED BY K. Krieger  
 TELEPHONE (914)734-5146

OPERATING STATUS

- |  |       |
|--|-------|
| 1. Unit Name : <u>INDIAN POINT UNIT No. 2</u>              | Notes |
| 2. Reporting Period : <u>October-2001</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 :  
\*Winter ratings effective @ 0200 hours on October 28, 2001 at the change to Eastern Standard Time.
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>745</u>       | <u>7,296</u>      | <u>239,641</u>     |
| 12. Number Of Hours Reactor Was Critical  | <u>624.00</u>    | <u>7,175.00</u>   | <u>165,161.77</u>  |
| 13. Reactor Reserve Shutdown Hours  | <u>0</u>         | <u>0</u>          | <u>4,566.64</u>    |
| 14. Hours Generator On-Line   | <u>624.00</u>    | <u>7,124.77</u>   | <u>161,335.12</u>  |
| 15. Unit Reserve Shutdown Hours   | <u>0</u>         | <u>0</u>          | <u>0</u>           |
| 16. Gross Thermal Energy Generated ( MWH )  | <u>1,904,489</u> | <u>20,697,167</u> | <u>452,600,912</u> |
| 17. Gross Electrical Energy Generated ( MWH )                                       | <u>633,662</u>   | <u>6,779,676</u>  | <u>140,941,599</u> |
| 18. Net Electrical Energy Generated ( MWH )   | <u>610,717</u>   | <u>6,536,491</u>  | <u>134,966,679</u> |
| 19. Unit Service Factor   | <u>83.8</u>      | <u>97.7</u>       | <u>67.3</u>        |
| 20. Unit Availability Factor  | <u>83.8</u>      | <u>97.7</u>       | <u>67.3</u>        |
| 21. Unit Capacity Factor ( Using MDC Net )  | <u>87.8</u>      | <u>95.6</u>       | <u>63.2</u>        |
| 22. Unit Capacity Factor ( Using DER Net )  | <u>83.1</u>      | <u>90.9</u>       | <u>61.1</u>        |
| 23. Unit Forced Outage Rate   | <u>0</u>         | <u>0.7</u>        | <u>14.5</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 : | <u>November 5, 2001</u> |            |
| 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 November 5, 2001COMPLETED BY K. KriegerTELEPHONE (914)734-5146MONTH October-2001DAY AVERAGE DAILY POWER LEVEL  
( MWe-Net )

|    |            |
|----|------------|
| 1  | <u>981</u> |
| 2  | <u>982</u> |
| 3  | <u>982</u> |
| 4  | <u>980</u> |
| 5  | <u>979</u> |
| 6  | <u>981</u> |
| 7  | <u>982</u> |
| 8  | <u>984</u> |
| 9  | <u>985</u> |
| 10 | <u>985</u> |
| 11 | <u>985</u> |
| 12 | <u>984</u> |
| 13 | <u>979</u> |
| 14 | <u>979</u> |
| 15 | <u>979</u> |
| 16 | <u>979</u> |

DAY AVERAGE DAILY POWER LEVEL  
( MWe-Net )

|    |            |
|----|------------|
| 17 | <u>981</u> |
| 18 | <u>985</u> |
| 19 | <u>986</u> |
| 20 | <u>988</u> |
| 21 | <u>985</u> |
| 22 | <u>987</u> |
| 23 | <u>979</u> |
| 24 | <u>985</u> |
| 25 | <u>983</u> |
| 26 | <u>930</u> |
| 27 | <u>0</u>   |
| 28 | <u>0</u>   |
| 29 | <u>0</u>   |
| 30 | <u>0</u>   |
| 31 | <u>0</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 0, 1900

COMPLETED BY K. Krieger

TELEPHONE (914)734-5146

REPORT MONTH October-2001

| No. | Date   | Type <sup>1</sup> | Duration<br>(Hours) | Reason <sup>2</sup> | Method of<br>Shutting<br>Down Reactor <sup>3</sup> | Licensee<br>Event<br>Report # | System Code <sup>4</sup> | Component<br>Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence                      |
|-----|--------|-------------------|---------------------|---------------------|--|-------------------------------|--------------------------|--------------------------------|--|
| 1   | 011027 | S                 | 121.00              | B                   | 2  | -                             | ZZ                       | ZZZZZZ                         | Planned maintenance outage to conduct repairs on various components. |

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****October 2001**

Unit 2 operated at full power until October 26, 2001 when a planned controlled shutdown commenced at 2015 hours in preparation of a planned maintenance outage. The reactor was manually tripped as planned at 0000 hours on October 27, 2001 and the unit remained shutdown through the month's end.

**Major Safety Related Maintenance**

| <b>W.O #</b>                     | <b>SYSTEM</b> | <b>COMPONENT</b>              | <b>DATE COMPLETED</b> | <b>WORK PERFORMED</b>  |
|----------------------------------|---------------|-------------------------------|-----------------------|--|
| 00-18528                         | SF            | SR-74                         | 10/6/01               | Replaced two bolts and nuts on 21 safety injection pump suction line.        |
| 01-21685                         | EE            | 21-FOTP                       | 10/28/01              | Replaced 21 emergency diesel generator fuel oil transfer pump packing rings. |
| 01-23628<br>01-24235             | BB            | R-43<br>R-44                  | 10-25-01<br>10-30-01  | Replaced plant vent radiation monitor EPROM, scaler board and controller     |
| 00-19499<br>01-22442<br>01-20025 | CC            | PCV-466<br>PCV-464<br>PCV-468 | 10/29/01              | Replaced pressurized safety valves.  |
| 01-23727                         | EE            | 22-EDLOPP                     | 10/30/01              | Replaced 22 emergency diesel generator prelube oil pump.                     |
| 01-24265                         | CH            | 21-AFP                        | 10/30/01              | Replaced 21 auxiliary feed pump inboard stuffing box packing.                |