



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

August 15, 2002

Re: Indian Point Unit No. 2  
Docket No. 50-247  
NL-02-109

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

Subject: Monthly Operating Report - July 2002


Dear Sir:

Enclosed is the Monthly Operating Report for Indian Point Unit No. 2 for July 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 (914) 734-5074.

Sincerely,

  
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

IE24

## OPERATING DATA REPORT

|              |                       |
|--------------|-----------------------|
| DOCKET NO.   | <u>50-247</u>         |
| DATE         | <u>August 6, 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>July-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 :

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9. Power Level To Which Restricted , If Any ( Net Mwe ) : \_\_\_\_\_

10. Reasons For Restrictions , If Any : \_\_\_\_\_

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|   | This Month       | Yr.-to-Date       | Cumulative         |
|---|------------------|-------------------|--------------------|
| 11. Hours In Reporting Period                 | <u>744</u>       | <u>5,087</u>      | <u>246,192</u>     |
| 12. Number Of Hours Reactor Was Critical      | <u>744</u>       | <u>5,087</u>      | <u>171,587.75</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>5,087</u>      | <u>167,728.05</u>  |
| 15. Unit Reserve Shutdown Hours               | <u>0</u>         | <u>0</u>          | <u>0</u>           |
| 16. Gross Thermal Energy Generated ( MWH )    | <u>2,277,308</u> | <u>15,531,273</u> | <u>472,043,676</u> |
| 17. Gross Electrical Energy Generated ( MWH ) | <u>736,455</u>   | <u>5,125,728</u>  | <u>147,372,618</u> |
| 18. Net Electrical Energy Generated ( MWH )   | <u>711,109</u>   | <u>4,954,765</u>  | <u>141,177,687</u> |
| 19. Unit Service Factor                       | <u>100.0</u>     | <u>100.0</u>      | <u>68.1</u>        |
| 20. Unit Availability Factor                  | <u>100.0</u>     | <u>100.0</u>      | <u>68.1</u>        |
| 21. Unit Capacity Factor ( Using MDC Net )    | <u>102.7</u>     | <u>103.6</u>      | <u>64.2</u>        |
| 22. Unit Capacity Factor ( Using DER Net )    | <u>96.9</u>      | <u>98.8</u>       | <u>62.1</u>        |
| 23. Unit Forced Outage Rate                   | <u>0</u>         | <u>0</u>          | <u>14.0</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.

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25. If Shut Down At End Of Report Period , Estimated Date Of Startup :

|                      | 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 August 6, 2002COMPLETED BY K. KriegerTELEPHONE (914)734-5146MONTH July-2002

## DAY AVERAGE DAILY POWER LEVEL

( MWe-Net )

|    |            |
|----|------------|
| 1  | <u>964</u> |
| 2  | <u>964</u> |
| 3  | <u>960</u> |
| 4  | <u>958</u> |
| 5  | <u>959</u> |
| 6  | <u>961</u> |
| 7  | <u>962</u> |
| 8  | <u>960</u> |
| 9  | <u>961</u> |
| 10 | <u>960</u> |
| 11 | <u>958</u> |
| 12 | <u>959</u> |
| 13 | <u>952</u> |
| 14 | <u>961</u> |
| 15 | <u>959</u> |
| 16 | <u>959</u> |

## DAY AVERAGE DAILY POWER LEVEL

( MWe-Net )

|    |            |
|----|------------|
| 17 | <u>957</u> |
| 18 | <u>961</u> |
| 19 | <u>944</u> |
| 20 | <u>955</u> |
| 21 | <u>954</u> |
| 22 | <u>953</u> |
| 23 | <u>954</u> |
| 24 | <u>954</u> |
| 25 | <u>951</u> |
| 26 | <u>949</u> |
| 27 | <u>949</u> |
| 28 | <u>950</u> |
| 29 | <u>946</u> |
| 30 | <u>948</u> |
| 31 | <u>947</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 August 6, 2002

COMPLETED BY K. Krieger

TELEPHONE (914)734-5146

REPORT MONTH July-2002

| 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 |
|------|------|-------------------|-----------------------|---------------------|--|-------------------------------|--------------------------|--------------------------------|---|
| NONE | -    | -                 | -                     | -                   | -  | -                             | -                        | -                              | -   |

<sup>1</sup>  
F : Forced  
S : Scheduled

<sup>2</sup>  
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 )

<sup>3</sup>  
Method :  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Other ( Explain )

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report ( LER ) File ( NUREG-0161 )

<sup>5</sup>  
Exhibit I - Same Source

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**SUMMARY OF OPERATING EXPERIENCE****July 2002**

Unit 2 operated at full power for the entire month of July 2002.

**Major Safety Related Maintenance**

| <b>W.O #</b> | <b>SYSTEM</b> | <b>COMPONENT</b> | <b>DATE COMPLETED</b> | <b>WORK PERFORMED</b>                             |
|--------------|---------------|------------------|-----------------------|---|
| IP2-02-24105 | IE            | N-35             | 7/2/2002              | Replaced intermediate range channel power supply. |