



**Entergy Nuclear Northeast**  
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**Fred Dacimo**  
Vice President, Operations

September 12, 2003

Re: Indian Point, Unit No. 3  
Docket No. 50-286

NL-03-144

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

Subject: Monthly Operating Report for August 2003

Dear Sir:

This letter provides the Monthly Operating Report for Indian Point 3 for the month of August 2003, in accordance with Technical Specification 5.6.4. There are no commitments contained in this correspondence.

Should you or your staff have 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 "Dacimo".

Fred R. Dacimo  
Vice President, Operations  
Indian Point Energy Center

IE24

Attachments

cc:

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

Mr. Patrick D. Milano, Project Manager  
Project Directorate I  
Division of Reactor Projects I/II  
U.S. Nuclear Regulatory Commission  
Mail Stop O-8-C2  
Washington, DC 20555-0001

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Indian Point Unit 2  
P.O. Box 38  
Buchanan, NY 10511-0038

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Indian Point Unit 3  
P.O. Box 337  
Buchanan, NY 10511-0337

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

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 Monthly Operating Report  
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 DOCKET NO. 50-286  
 UNIT: Indian Point 3  
 DATE: 9-05-03  
 COMPLETED BY: T. Orlando  
 TELEPHONE NO: (914) 736-8340

## OPERATING DATA REPORT

### OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: August 2003
3. Licensed Thermal Power (MWt): 3067.4
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 979
6. Maximum Dependable Capacity (Gross MWe): 1014
7. Maximum Dependable Capacity (Net MWe): 979
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	5,831	237,112
12. Number Of Hours Reactor Was Critical	573.51	4,937.83	151,175.99
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	563.13	4,820.33	148,228.18
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,699,331	14,516,876	427,241,760
17. Gross Electrical Energy Generated (MWH)	564,496	4,852,703	137,452,876
18. Net Electrical Energy Generated (MWH)	544,635	4,693,405	132,730,279
19. Unit Service Factor	75.7	82.7	62.5
20. Unit Availability Factor	75.7	82.7	62.5
21. Unit Capacity factor (Using MDC Net)	74.8	82.2	58.7*
22. Unit Capacity Factor (Using DER Net)	74.8	82.2	58.0*
23. Unit Forced Outage Rate	24.3	5.6	22.5

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  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

\* Weighted averages

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AVERAGE DAILY UNIT POWER LEVEL  
MONTH August 2003

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	987	17	0
2	987	18	0
3	985	19	0
4	987	20	0
5	988	21	0
6	987	22	348
7	987	23	976
8	988	24	981
9	987	25	984
10	986	26	986
11	986	27	985
12	986	28	985
13	986	29	985
14	665	30	985
15	0	31	985
16	0		

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.

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UNIT:

Indian Point 3

DATE:

9-05-03

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T. Orlando

TELEPHONE NO.

(914) 736-8340

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 2003

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
8	030814	F	180.87	H	3	2003-005	XX	XXXXXX	Reactor trip (RT) on low reactor coolant pump (RCP) loop flow due to trip of RCP breaker as a result of underfrequency due to an unstable power transmission grid. RT initiated a turbine trip.

(1) Type: F: Forced  
S: Scheduled(2) Reason: A- Equipment  
B- Maintenance or Test  
C- Refueling  
D- Regulatory Restriction  
E- Operator Training & Licensee Examination  
F- Administrative  
G- Operational Error  
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 1 - Same Source

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### SUMMARY OF OPERATING EXPERIENCE

August 2003

The Indian Point Unit No. 3 Nuclear Power Plant was synchronized to the bus for a total of 563.13 hours, producing a gross electrical energy generation of 564,496 MWH.

On August 14, at 1611 hours, an automatic reactor trip was initiated on low reactor coolant pump (RCP) loop flow. Low RCP loop flow was caused by the trip of the 34 RCP supply breaker as a result of an underfrequency on its 6.9 kV bus due to an unstable power transmission grid. The grid disturbance was associated with a blackout, which affected much of the northeastern United States. The Unit was stabilized in the hot shutdown condition.

The Unit entered Mode 2 (reactor startup) on August 16, 2003, at 0413 hours. At 0414 hours, Control Room Operators received a "Computer Alarm Delta Flux or Rod Deviation Alarm," due to rods G-5 and E-9 greater than 24 steps misaligned. The unit was then stabilized in Mode 3 (hot shutdown) at 0525 hours. Investigation and troubleshooting of the condition identified blown fuses in the rod control cabinets. The fuses were replaced and tested satisfactory. The Unit attempted to enter Mode 2, at 0923 hours, but again received the same alarm response for G-5. Troubleshooting of the cause of the blown fuses determined there were shorts in four (4) control rod drive mechanism (CRDM) cables due to damaged splices. The plant then entered Mode 5 (cold shutdown) on August 17, at 1540 hours, in order to facilitate repairs.

Following additional testing and successful repairs, the Unit entered Mode 4 (hot shutdown) on August 20, at 1419 hours. The reactor was brought critical on August 21, at 1840 hours, and the Unit synchronized to the bus on August 22, at 0503 hours and achieved full power at 2200 hours. The Unit remained on line at full power for the remainder of the reporting period.