Entergy

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

December 13, 2002
IPN-02-094

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

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
License No. DPR-64
Monthly Operating Report for November 2002

Dear Sir:

The attached monthly operating report, for the month of November 2002, is hereby submitted in accordance with Indian Point 3 Nuclear Power Plant Technical Specification 5.6.4.

Indian Point 3 is making no commitments in this letter.

Very truly yours,

Robert J. Barrett
Vice President, Operations
Indian Point 3 Nuclear Power Plant

cc: See next page

IE24

Attachment

cc: Mr. Hubert J. Miller
Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Resident Inspector's Office
U.S. Nuclear Regulatory Commission
Indian Point 3 Nuclear Power Plant
P.O. Box 337
Buchanan, NY 10511-0337

U.S. Nuclear Regulatory Commission
ATTN: Director, Office of Information Resource Management
Washington, D.C. 20555

INPO Records Center
700 Galleria Parkway
Atlanta, Georgia 30339-5957

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

DOCKET NO. 50-286
UNIT: Indian Point 3
DATE: 12-04-02
COMPLETED BY: T. Orlando
TELEPHONE NO: (914) 736-8340
LETTER NO: IPN-02-094
ATTACHMENT
PAGE 1 of 4

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: November 2002
3. Licensed Thermal Power (MWt): 3025
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 1000
7. Maximum Dependable Capacity (Net MWe): 965
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	720	8,016	230,537
12.	Number Of Hours Reactor Was Critical	591.05	7,987.05	145,494.78
13.	Reactor Reserve Shutdown Hours	0	0	0
14.	Hours Generator On-Line	571.23	7,967.23	142,664.23
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	1,703,188	23,737,428	410,568,368
17.	Gross Electrical Energy Generated (MWH)	572,993	7,988,260	131,871,723
18.	Net Electrical Energy Generated (MWH)	534,907	7,727,667	127,331,892
19.	Unit Service Factor	79.3	98.1	61.9
20.	Unit Availability Factor	79.3	98.1	61.9
21.	Unit Capacity factor (Using MDC Net)	79.9	99.9	58.0*
22.	Unit Capacity Factor (Using DER Net)	79.9	99.9	57.2
23.	Unit Forced Outage Rate	20.7	1.9	23.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): Refueling Outage 12 is scheduled to commence March 28, 2003. Duration: 22 days

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 Average

DOCKET NO. 50-286
UNIT: Indian Point 3
DATE: 12-04-02
COMPLETED BY: T. Orlando
TELEPHONE NO: (914) 736-8340
LETTER NO: IPN-02-094
ATTACHMENT
PAGE 2 of 4

AVERAGE DAILY UNIT POWER LEVEL

MONTH November 2002

DAY	AVERAGE DAILY POWER	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	986	17	0
2	986	18	0
3	986	19	0
4	986	20	0
5	986	21	88
6	986	22	908
7	987	23	982
8	988	24	984
9	988	25	986
10	989	26	988
11	988	27	988
12	988	28	988
13	988	29	989
14	989	30	988
15	410	31	---
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.

DOCKET NO. 50-286
UNIT: Indian Point 3
DATE: 12-04-02
COMPLETED BY: T. Orlando
TELEPHONE NO. (914) 736-8340
LETTER NO: IPN-02-094
ATTACHMENT
PAGE 3 of 4

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH November 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
2	021115	F	148.77	A	3	2002-003-00	XX	XXXXXX	Automatic reactor shutdown due to a failure of 345 kv Main Output breaker No. 3 located in the Buchanan Switchyard.

1
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

DOCKET NO. 50-286
UNIT: Indian Point 3
DATE: 12-04-02
COMPLETED BY: T. Orlando
TELEPHONE NO.: (914) 736-8340
LETTER NO. IPN-02-094
ATTACHMENT

SUMMARY OF OPERATING EXPERIENCE

November 2002

The Indian Point Unit No. 3 Nuclear Power Plant was synchronized to the bus for a total of 571.23 hours, producing a gross electrical energy generation of 572,993 MWH.

On November 15, at 0957 hours, the unit experienced an automatic reactor shutdown due to failure of the 345 kv Main Output Breaker No. 3, and subsequent trip of remaining Main Output Breakers 1, 5 and 6, located offsite in the Buchanan switchyard. The plant was stabilized in Mode 3 (hot standby). On November 16, the reactor was brought critical (Mode 2) at 1239 hours, in preparation for plant restart. Assessment of 345 kv Main Output Breaker No. 1, which would be relied upon to carry the plant output, determined that maintenance and inspections would take several days and the reactor was manually shutdown at 1819 hours, and the plant re-entered Mode 3.

Following successful maintenance and testing of 345 kv Main Output Breaker No. 1, the reactor was brought critical on November 21, at 0034 hours, and the unit was synchronized to the bus at 1443 hours. The unit achieved full power on November 22, at approximately 1045 hours, and remained on line at full power for the remainder of the reporting period.