

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



November 3, 1989
IP3-89-081
IP3-89-267H

Docket No. 50-286
License No. DPR-64

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station PI-137
Washington, D.C. 20555

Dear Sir:

Enclosed you will find the monthly operating report relating to
Indian Point 3 Nuclear Power Plant for the month of October 1989.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'J. E. Russell', written over the typed name.

Joseph E. Russell
Resident Manager
Indian Point 3 Nuclear Power Plant

JER:SS:JB:sd:6:12

Enclosure

cc: Mr. William Russell, Regional Administrator
Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

8911290227 891103
PDR ADDCK 05000286
R PNU

IE24
11

OPERATING DATA REPORT

Docket No. 50-286
 Date 11-03-89
 Completed By S. Smith
 Telephone 914-736-8340

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant Notes
2. Reporting Period: October 1989
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: _____
11. Hours In Reporting Period

	This Month	Yr. to Date	Cumulative
11. Hours In Reporting Period	745	7,296	115,465
12. Number of Hours Reactor Was Critical	647.82	3,887.96	70,545.88
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	638.52	3,816.73	68,497.75
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,890,705	11,122,916	193,076,484
17. Gross Electrical Energy Generated (MWH)	630,620	3,667,160	58,966,585
18. Net Electrical Generated (MWH)	608,671	3,534,331**	56,637,099**
19. Unit Service Factor	85.7	52.3	59.3
20. Unit Availability Factor	85.7	52.3	59.3
21. Unit Capacity Factor (Using MDC Net)	84.7	50.2	52.5 *
22. Unit Capacity Factor (Using DER Net)	84.7	50.2	50.8
23. Unit Forced Outage Rate	14.3	3.1	17.3
12. Number of Hours Reactor Was Critical
13. Reactor Reserve Shutdown Hours
14. Hours Generator On-Line
15. Unit Reserve Shutdown Hours
16. Gross Thermal Energy Generated (MWH)
17. Gross Electrical Energy Generated (MWH)
18. Net Electrical Generated (MWH)
19. Unit Service Factor
20. Unit Availability Factor
21. Unit Capacity Factor (Using MDC Net)
22. Unit Capacity Factor (Using DER Net)
23. Unit Forced Outage Rate
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): * Weighted Average
 ** Includes -50 MWe correction from Sept. 1989
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	_____	_____

FE 24 D
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT IP-3
 DATE 11-03-89
 COMPLETED BY S. Smith
 TELEPHONE (914) 736-8340

MONTH October 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>970</u>
2	<u>969</u>
3	<u>971</u>
4	<u>971</u>
5	<u>972</u>
6	<u>973</u>
7	<u>974</u>
8	<u>975</u>
9	<u>972</u>
10	<u>969</u>
11	<u>972</u>
12	<u>972</u>
13	<u>974</u>
14	<u>975</u>
15	<u>971</u>
16	<u>972</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>975</u>
18	<u>976</u>
19	<u>664</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>330</u>
25	<u>962</u>
26	<u>977</u>
27	<u>979</u>
28	<u>979</u>
29	<u>978</u>
30	<u>975</u>
31	<u>975</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. 50-286
 UNIT NAME Indian Point 3
 DATE 11/03/89
 TELEPHONE (914) 736-8000

REPORT MONTH OCTOBER 1989

No.	Date	Type	Duration (Hours)	Reason 2	Method of Shutting 3 Down Reactor	Licensee Event Report #	System Code	Component Code 5	Cause & Corrective Action to Prevent Recurrence
5	891019	F	106.48	B	2	89-015-00	EB	INSTRU P	While performing Surveillance Test 3PT-M62, <u>480V Undervoltage/Degraded Grid Protection System Functional</u> , Bus 5A was lost resulting in twelve (12) control rods associated with rod control cabinet 1AC which was on its backup power supply from MCC-39 being automatically inserted into the reactor core. Power to rod control cabinet 1AC was restored to its normal power supply from the M-G set.

1

F: Forced
 S: Scheduled

2

Reason:
 A- Equipment Failure (Explain)
 B- Maintenance of 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 F - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG
 0161)

5

Exhibit H - Same Source

SUMMARY OF OPERATING EXPERIENCE

OCTOBER 1989

Indian Point Unit No. 3 was synchronized to the bus for a total of 638.52 hours, producing a gross generation of 630,620 MWe.

On October 19, at 1622 hours, while plant technicians were performing Surveillance Test 3PT-M62, 480V Under Voltage/Degraded Grid Protection System Functional, Bus 5A was lost resulting in twelve (12) control rods associated with rod control cabinet 1 AC being dropped into the reactor core. The unit was then immediately tripped by the Reactor Operator.

On October 20, at 0708 hours the reactor was brought critical. At 0955 hours, plant startup efforts were secured due to a valve packing leak on the Reactor Coolant System. The turbine was manually secured at 1012 hours and the reactor was secured at 1112 hours. The unit proceeded to a cold shutdown in order to facilitate various minor repairs.

On October 23, after repairs were completed, the reactor was brought critical at 2137 hours. The unit was synchronized to the bus on October 24, at 0251 hours. The unit achieved full load on October 25, at 0430 hours, and remained on the bus at full load for the remainder of the reporting period.