

OPERATING DATA REPORT

Docket No. 50-286  
 Date 12-01-87  
 Completed By L. Kelly  
 Telephone 914-736-8340

OPERATING STATUS

- |   |       |
|---|-------|
| 1. Unit Name: <u>Indian Point No. 3 Nuclear Power Plant</u> | Notes |
| 2. Reporting Period: <u>November 1987</u>                   |       |
| 3. Licensed Thermal Power (MWt): <u>3025</u>                |       |
| 4. Nameplate Rating (Gross MWe): <u>1013</u>                |       |
| 5. Design Electrical Rating (Net MWe): <u>965</u>           |       |
| 6. Maximum Dependable Capacity (Gross MWe): <u>1000</u>     |       |
| 7. Maximum Dependable Capacity (Net MWe): <u>965</u>        |       |

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	98,641
12. Number of Hours Reactor Was Critical	720	4,780.7	58,629.9
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720	4,690.1	56,751.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,171,530	13,499,886	152,032,747
17. Gross Electrical Energy Generated (MWH)	717,710	4,351,930	47,656,545
18. Net Electrical Generated (MWH)	693,850	4,192,475	45,732,755
19. Unit Service Factor	100	58.5	57.5
20. Unit Availability Factor	100	58.5	57.5
21. Unit Capacity Factor (Using MDC Net)	99.9	55.3 *	49.9 *
22. Unit Capacity Factor (Using DER Net)	99.9	54.2	48.0
23. Unit Forced Outage Rate	0	2.3	18.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): \* Weighted Average

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	_____	_____

8712220107 871130  
 PDR ADOCK 05000286  
 R DCD

*De 1/1*

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286  
 UNIT IP-3  
 DATE 12-01-87  
 COMPLETED BY L. Kelly  
 TELEPHONE (914) 736-8340

MONTH NOVEMBER 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	951
2	960
3	962
4	934
5	927
6	955
7	955
8	958
9	953
10	965
11	967
12	967
13	969
14	968
15	966
16	966

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	966
18	967
19	967
20	969
21	967
22	965
23	970
24	973
25	974
26	976
27	973
28	974
29	974
30	975
31	---

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 12-01-87  
 TELEPHONE 914-739-8340

REPORT MONTH NOVEMBER 1987

No.	Date	Type	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting <sup>3</sup> Down Reactor	Licensee Event Report #	System Code	Component 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 of 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 F - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG  
 0161)**

<sup>5</sup>  
**Exhibit H - Same Source**

## MONTHLY MAINTENANCE CATEGORY I REPORT

November 1987  
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
12301	11/4/87	Boric Acid Heat Trace Primary Circuit #32.	Loose ground wires.	Replaced ground wires.
11892	11/5/87	#32 Instrument Air Compressor.	Diaphragm inlet valve leaks by.	Replaced diaphragm valve.
12315	11/6/87	Reactor Coolant System, #33 Pressurizer Heater Breaker.	Loose wire on shunt trip coil.	Re-installed loose wire.
12258	11/10/87	#31 Boric Acid Transfer Pump.	Suction/discharge flange bolts worn.	Replaced bolts.
11870	11/10/87	#32 Reactor Coolant Pump Seal Injection Isolation Valve MOV-442.	Packing leak.	Tightened packing glands.
10493	11/12/87	#32 Spent Fuel Pit Pump.	Suction and discharge flange leaks.	Replaced flange gaskets.
10586	11/13/87	#31 Instrument Air Refrigerant Dryer.	Condenser fan motor inoperable.	Replaced fan motor.
12362	11/13/87	#31 Boric Acid Transfer Pump.	Seal leaking.	Installed spare pump.
11978	11/16/87	#31 Instrument Air Compressor.	Loading solenoid leaks by.	Replaced solenoid.
12165	11/23/87	#33 Charging Pump Vent Valve No. 103 and Discharge Check Valve No. 405.	Packing leaks.	Tightened packing glands.
12168	11/24/87	#33 Charging Pump Inlet Isolation Valve No. 284.	Flange leak.	Replaced gasket.
12169	11/24/87	#33 Charging Pump Overflow Isolation Valve No. 280.	Packing leak.	Replaced bonnet assembly.
12438	11/25/87	#32 Charging Pump.	Plunger packing leaks by.	Repacked cylinders.

## MONTHLY I &amp; C CATEGORY I REPORT

November 1987  
MONTH

<u>WR#</u>	<u>DATE</u>	<u>EQUIPMENT</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
7545	11/5/87	Radiation Monitoring System, 54'El. Radioactive Machine Shop Storage Room Area Monitor, R-54C.	Loose wires.	Resoldered wires.
7667	11/6/87	Radiation Monitoring System, Condenser Air Ejector Gas Monitor, R-15.	Radiation monitor artificially spikes high.	Replaced high voltage pow supply and high voltage oscillator.
7649	11/13/87	#32 Battery Charger.	Voltage drifts low.	Replaced control module.

## SUMMARY OF OPERATING EXPERIENCE

NOVEMBER 1987

Indian Point Unit No. 3 was synchronized to the bus for a total of 720 hours, producing a gross generation of 717,710 MWe. Although the reactor was operating at 100% power for the entire reporting period, the plant's generating efficiency was reduced during the period between November 1 through November 9 due to various condenser waterboxes being removed from service for condenser leak testing and maintenance.

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



December 11, 1987  
IP3-WAJ-87-067Z  
IP3-LMK-254H

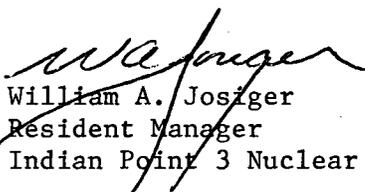
Docket No. 50-286  
License No. DPR-64

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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 November, 1987.

Very truly yours,

  
William A. Josiger  
Resident Manager  
Indian Point 3 Nuclear Power Plant

LK/sn:4:08  
Enclosure

cc:

Mr. William Russell, Regional Administrator  
Region 1  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

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

IE24  
1/1