

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 1-1-82
 COMPLETED BY L. Auterino
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: December 1981
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): 926
7. Maximum Dependable Capacity (Net MWe): 891
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	<u>744</u>	<u>8,760</u>	<u>46,801</u>
12. Number Of Hours Reactor Was Critical	<u>704.9</u>	<u>5,356.2</u>	<u>32,106.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>690.9</u>	<u>5,240.6</u>	<u>30,943.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,960,672</u>	<u>11,396,292</u>	<u>79,027,562</u>
17. Gross Electrical Energy Generated (MWH)	<u>586,230</u>	<u>3,204,630</u>	<u>24,796,131</u>
18. Net Electrical Energy Generated (MWH)	<u>562,144</u>	<u>3,033,247</u>	<u>23,747,407</u>
19. Unit Service Factor	<u>92.9</u>	<u>59.8</u>	<u>66.1</u>
20. Unit Availability Factor	<u>92.9</u>	<u>59.8</u>	<u>66.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>84.8</u>	<u>38.9</u>	<u>56.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>78.3</u>	<u>35.9</u>	<u>52.6</u>
23. Unit Forced Outage Rate	<u>7.1</u>	<u>36.9</u>	<u>15.0</u>

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

Refueling outage - March 1982

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	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. 50-286
Indian Point
 UNIT No. 3
 DATE 1-1-82
 COMPLETED BY L. Auterino
 TELEPHONE 914-739-8200

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	830
2	102	18	833
3	126	19	838
4	752	20	836
5	828	21	837
6	825	22	837
7	825	23	836
8	812	24	836
9	809	25	836
10	827	26	837
11	829	27	837
12	830	28	835
13	830	29	835
14	830	30	839
15	830	31	837
16	830		

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 No. 3
 DATE 1-1-81
 COMPLETED BY L. Auterino
 TELEPHONE 914-739-8200

REPORT MONTH December 1981

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
11	81-11-23	F	38.7	A	3		CB	MOTORX	Unit trip on loss of loop flow when #31 reactor coolant pump tripped. Electrical fault in motor stator was found. Replaced stator and commenced start up.
12	81-12-03	F	11.4	A	3		HB	INSTRUS	Unit trip when 31 Main Steam Generator Isolation valve indicated not fully open. Readjusted limit switch.
13	81-12-03	F	3.0	G	3		CH	INSTRU	Unit trip during load escalation with generator at 40 MWe. Tripped on #31 steam generator high level while manually controlling feedwater during low level reactor power escalation. Commenced startup.

1
 F: Forced
 S: Scheduled

2
 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)

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

MONTHLY MAINTENANCE REPORT

December 1981

Month

DATE	W. R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
2-3-81	I-2455	#31 Charging Pump	Low Oil pressure in Crank Case	Replaced damaged oil tubing
2-3-81	I-2453	#35 Service Water Pump	Excessive packing leak	Replaced packing

MONTHLY I & C CATEGORY I REPORT

December 1981

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
	NONE TO REPORT			

SUMMARY OF OPERATING EXPERIENCE

Indian Point Unit 3 was synchronized to the bus for a total of 690.9 hours producing a gross generation of 586,230 MWe for this reporting period. Upon completion of reactor coolant pump motor repairs, the unit was returned to service at 1444 hours on December 2.

On December 3 at 0228 hours the plant experienced a turbine trip resulting from the indicated closure of No. 31 Main Steam Isolation Valve. The signal was generated when the limit switch indicated the valve was not fully open. The limit switch arm was realigned and adjustments were made to preclude reoccurrence. The unit was returned to service at 1350 hours.

At 1353 hours on December 3 the unit experienced a trip on high steam generator level in No. 31 steam generator. The trip occurred during low power level escalation while manually controlling steam generator levels. The trip was attributed to operator difficulty in maintaining steam generator levels in manual while escalating from low power levels. The operators commenced plant startup and returned the unit to service at 1652 hours that same day.