

# OPERATING DATA REPORT

DOCKET NO. 50-247  
 DATE 3/7/85  
 COMPLETED BY M. Blat  
 TELEPHONE (914) 526-5127

## OPERATING STATUS

1. Unit Name: Indian Point Station Unit #2
2. Reporting Period: February 1985
3. Licensed Thermal Power (MWt): 2758
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 873
6. Maximum Dependable Capacity (Gross MWe): 900
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None.

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None.
10. Reasons For Restrictions, If Any: None.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1 416	93 505
12. Number Of Hours Reactor Was Critical	650.22	1 390.14	62 055.86
13. Reactor Reserve Shutdown Hours	18.42	18.42	2 364.12
14. Hours Generator On-Line	616.65	1 334.00	60 084.38
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1 669 551	3 628 470	156 332 845
17. Gross Electrical Energy Generated (MWH)	529 410	1 154 860	48 472 476
18. Net Electrical Energy Generated (MWH)	509 581	1 112 487	46 226 394
19. Unit Service Factor	91.8	94.2	64.3
20. Unit Availability Factor	91.8	94.2	64.3
21. Unit Capacity Factor (Using MDC Net)	87.8	90.9	57.5
22. Unit Capacity Factor (Using DER Net)	86.9	90.0	56.6
23. Unit Forced Outage Rate	8.2	5.8	9.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

N/A  
 N/A  
 N/A

N/A  
 N/A  
 N/A

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247  
UNIT IP Unit No. 2  
DATE 3/7/85  
COMPLETED BY M. Blatt  
TELEPHONE (914) 526-5127

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (We-Net)
1	<u>52</u>
2	<u>0</u>
3	<u>0</u>
4	<u>487</u>
5	<u>368</u>
6	<u>802</u>
7	<u>854</u>
8	<u>852</u>
9	<u>856</u>
10	<u>853</u>
11	<u>856</u>
12	<u>853</u>
13	<u>845</u>
14	<u>854</u>
15	<u>852</u>
16	<u>851</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>854</u>
18	<u>855</u>
19	<u>853</u>
20	<u>855</u>
21	<u>852</u>
22	<u>853</u>
23	<u>856</u>
24	<u>854</u>
25	<u>852</u>
26	<u>856</u>
27	<u>853</u>
28	<u>838</u>
29	<u>-</u>
30	<u>-</u>
31	<u>-</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

REPORT MONTH: February, 1985

DOCKET NO. 50-247  
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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1	850202	F	46.22	A	2		HA	xxxxxxx	Generator Hydrogen Seal Oil Leak
2	850204	F	9.13	A	3		CH	Pump XX B	Tripped on High Pressurizer Pressure due to loss of 22 MBFP

<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 G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

## Summary of Operating Experience

February 1985

Indian Point Unit 2 was operating at 100% reactor power at the beginning of the report period. On February 2, power was reduced and the reactor manually tripped to investigate and correct a problem with the hydrogen seal oil unit of the main generator. The Unit was returned to service the following day and power gradually brought up to full load conditions.

On February 4, No. 22 main boiler feedwater pump tripped automatically while the Unit was operating at 100% licensed reactor power. In the course of reducing power to compensate for the reduction in feedwater flow, the reactor tripped on high pressurizer pressure. At the time of the event, the control rods were in the manual mode and the block valves associated with the pressurize power operated relief valves were closed.

Unit 2 was returned to service on February 5 and on February 6 reactor power was increased to 100%. Full power was maintained for the remainder of the report period except for brief reductions on February 13 to 88% to perform corrective maintenance on the hydrogen recombiners, and on February 28 to 95% due to a temporary reduction in condenser vacuum.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
12604	ELEC.	#21 Emergency Diesel Generator	2/19/85	Replaced and set air com- pressor pressure switch.
18550	ELEC.	#21 Emergency Diesel Generator	2/19/85	Replaced sheared taper pin, over- speed trip.
17168	CRD	#24 Control Rod Drive Fan	2/27/85	Replaced burned out motor.