

OPERATING DATA REPORT

LOCKET NO. 50-247
 DATE 8-8-86
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: July 86
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): 885
7. Maximum Dependable Capacity (Net MWe): 849
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	744	5087	105936
12. Number Of Hours Reactor Was Critical	726.27	1690.25	70860.11
13. Reactor Reserve Shutdown Hours	17.73	214.40	3612.77
14. Hours Generator On-Line	695.63	1552.74	68689.42
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1894314	3907943	178734240
17. Gross Electrical Energy Generated (MWH)	589870	1208970	55458446
18. Net Electrical Energy Generated (MWH)	566135	1126015	52905001
19. Unit Service Factor	93.5	30.5	64.8
20. Unit Availability Factor	93.5	30.5	64.8
21. Unit Capacity Factor (Using MDC Net)	89.6	25.8	58.2
22. Unit Capacity Factor (Using DER Net)	87.2	25.4	57.2
23. Unit Forced Outage Rate	6.5	18.9	9.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

8610140136 860731
 PDR ADDCK 05000247
 R PDR

IC 24 1/1 (1/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT I.P. Unit #2
 DATE 8-8-86
 COMPLETED BY K. Krieger
 TELEPHONE (914) 526-5155

MONTH July 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	832	17	834
2	830	18	0
3	835	19	0
4	836	20	586
5	835	21	811
6	835	22	831
7	800	23	833
8	671	24	830
9	826	25	835
10	836	26	827
11	837	27	834
12	833	28	824
13	836	29	827
14	834	30	804
15	839	31	797
16	833		

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. 50-247
 UNIT NAME IP Unit # 2
 DATE 8-8-86
 COMPLETED BY K. Kreiger
 TELEPHONE (914) 526-5155

REPORT MONTH July 1986

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
N/A	860707	F	0	N/A	N/A	N/A	CH	Pump XX	22 NEFP Repair
8	860718	F	48.37	G	3	86-024	EG	Genera	MG Set Operator Error/ Disciplinary Action Taken

¹
 F. Forced
 S. Scheduled

(9/77)

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

⁵
 Exhibit I - Same Source

MAJOR SAFETY-RELATED
CORRECTIVE MAINTENANCE

<u>MWO</u>	<u>SYSTEM</u>	<u>COMPONENT VALUE</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
20819	IA	21 IA Comp.	6/23/86	Overhauled compressor
20928	EDG	21 Emerq Diesel Generator	6/12/86	Replaced compressor & solonoid valve
26503	HVAC	PCV 1191	6/23/86	Cleaned valve seat
27470	SIS	Valve 850A	6/30/86	Adjusted stroke line
26376	CVCS	22 BATP Disch line	6/12/86	Cleared discharge line
26386	CVCS	22 Charging pump	6/24/86	Welded nipple on relief valve
26778	MS	PCV 1134	6/16/86	Repaired bonnet
27019	RHP	Seals	6/15/86	Rebuilt seals
23538	EDG	22 EDG Cooler	6/17/86	Replaced anodes
27029	CVCS	23 Chrg Pump	6/17/86	Replaced suction & discharge valves
20607	HVAC	PCV 1191	6/16/86	Replaced Miller valve
26254	CVCS	22 Chrg Pump	6/24/86	Repacked pump
24763	CVCS	21 Chrg Pump	6/12/86	Repacked pump
25500	IA	21 IACC Pump	6/19/86	Repacked pump
25504	IA	22 IACC Pump	6/24/86	Repacked pump
26535	HVAC	25 PCV	6/20/86	Balance Move
26590	RCS	1 Cono Seal Thermocouple	6/12/86	Replaced female flange
26385	CRD	21 MG set	6/24/86	Renewed bearings

SUMMARY OF OPERATING EXPERIENCE

JULY 1986

In general, Unit 1 has operated at 100% power throughout July.

From July 1st to July 5th, #22 through #26 Circulating Water Pumps were removed from service to clean the condenser tube sheet. Power was reduced from 10 to 20 MWE for no more than two hours per pump. On July 6th, #21 Circulating Water Pump was secured for eight hours to clean the tube sheet and plug sixteen tubes. All power reductions were conducted at off peak system demand times.

On July 7th #22 Main Boiler Feed Pump developed an oil leak which required a power reduction of 260 MWE for eight hours. The following day, the pump's discharge valve required maintenance and power was reduced 360 MWE for ten hours. Additional power sensitive preventive maintenance was conducted during these power reductions.

A diver inspection on July 9th, of #24 Circulating Water Pump and traveling screen required an eight hour power reduction of 40 MWE.

On July 21, power was reduced 100 MWE for eight hours to repair a condenser tube leak.

#21 Heater Drain Tank Pump required repairs on the mechanical seal which resulted in a power reduction of 100 MWE for four hours July 30th. Also, a collapse of #21 Circulator Screen resulted in a two hour power reduction of 20 MWE.

On July 31, an LCO on valve 850 A required a 290 MWE power reduction. However, the unit was returned to full power in four hours.

Murray Selman
Vice President

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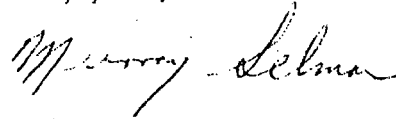
August 15, 1986

Re: Indian Point Unit No. 2
Docket No. 50-247

Director, Office of Management
and Program Analysis
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Enclosed are twelve copies of the Monthly Operating Report for Indian Point
Unit No. 2 for the month of July 1986.

Very truly yours,



Encl.

18.251.8.13.1

cc: Dr. Thomas E. Murley
Regional Administrator - Region J
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

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U.S. Nuclear Regulatory Commission
P.O. Box 38
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1/1