

Summary of Operating Experience
Unit 2

July 1983

Docket No.: 50.247
Date: August 3, 1983
Completed by: M. Elatt
Telephone No.: (914)526-5127

Indian Point Unit Number 2 operated at 100% reactor power throughout the entire month of July with the exception of two planned brief power reductions.

On July 29 reactor power was reduced to approximately 47% to facilitate the performance of the monthly Turbine Stop and Control Valve test. While the Unit was at reduced load, condenser water boxes Nos. 22, 23 and 25 were cleaned. Upon completion of the Turbine Stop and Control Valve test, load was increased to 100% reactor power.

On July 31 reactor power was briefly reduced to approximately 86% to clean Condenser water boxes Nos. 21 and 24. The Unit was returned to 100% reactor power upon completion of the cleaning.

On July 1 entries into Containment were made to complete repairs to No. 24 Control Rod Drive Fan Motor which were begun in June.

During the period July 6 through July 8 several Containment entries were made to investigate the failure of No. 22 Fan Cooler Unit Charcoal Filter Outlet Valve to operate. Repairs to the pneumatic control assembly associated with the outlet valve were completed on July 8.

Members of Loc #1-2 Utility Workers of America have been on strike for the entire report period. All positions are staffed by qualified management personnel. No problems associated with the strike have developed.

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PDR APOCK 05000247
R PDR

Docket No.: 50-247
 Date: August 8, 1983
 Completed by: M. Blatt
 July, 1983

Mechanical and Electrical Maintenance

<u>MWR</u>	<u>System</u>	<u>Component</u>	<u>Corrective Maintenance</u>	<u>Date</u>
7132	MRS	No. 21 Steam Generator Atmospheric Steam Dump Vlv	Valve did not fully open. Orifice of valve controller airline was cleaned.	3/17/83
7417 7418	CRD	RPI K14, F14 CCR Panel Motor	Common fuse to K14 and F14 replaced.	3/14/83
7024 7028	CVCS	Boric Acid Heat Trace Circuits 11 and 47	Replaced shorted thyristors in control circuits which caused heat trace to remain on.	3/25/83 3/24/83
1511	IA	Valve 406A	Replaced Regulator	3/30/83
5911	IA	#21 IA Compressor	Overhauled compressor	3/1/83
7306	CVCS	#23 Charging Pump	Repaired Head Cover Leak	3/8/83
7339	AFW	#22 ABFP	Replaced Auxiliary Boiler Feed Pump	3/10/83
7431	SW	#22 Service Water Pump	Replaced Motor	3/28/83
7447	HPS	#21 Hot Pen Blower	Replaced Blower	3/25/83
7483	CVCS	#21 Charging Pump	Repacked Pump	3/23/83
7489	CVCS	#22 Charging Pump	Repacked Pump	3/24/83
7507	CVCS	#23 Charging Pump	Repacked Pump	3/23/83
7519	RHR	MOV. 1870	Repaired operator	3/30/83

<u>MWR</u>	<u>System</u>	<u>Component</u>	<u>Corrective Maintenance</u>	<u>Date</u>
7703	FW	Feedwater Reg. Valve FCV 437	Repacked Valve	3/28/83
7704	FW	Feedwater Reg. Valve FCV 437	Repacked Valve	3/28/83
7705	FW	Feedwater Reg. Valve FCV 427	Repacked Valve	3/28/83
7706	FW	Feedwater Reg. Valve FCV 417	Repacked Valve	3/28/83
7160	CVCS	#23 Charging Pump	Replaced Seals	3/3/83
4400	EDC	Exhaust Hood	Repaired Blower	4/9/83
5665	ELEC	#22 Battery	Replaced Cell	4/10/83
7698	ELEC	#23 SIS Pump Breaker	Repaired Closing Coil	4/6/83
7803	HPS	#21 Hot Pen Blower	Replaced Motor	4/14/83
7808	SW	#25 SW Pump	Replaced Pump	4/5/83
7903	HPS	#21 Hot Pen Blower	Repaired Blower	4/15/83
7933	SIS	Valve 887B	Repaired ground lead on Operator	4/14/83
8041	CVCS	#13 Chg. Pump	Repacked Pump	4/29/83
8081	CVCS	#21 Chg. Pump	Replaced cover gasket	4/22/83
8118	RHR	Valve 1870	Lubricated Operator Linkage	4/29/83
8126	RHR	Valve 743	Repaired Operator Linkage	4/25/83
8241	SW	Valve SWN-504	Repaired Operator	4/29/83
7713	ELEC	DB-50 Breakers	Inspected Closing Coils	4/14/83
7718	SW	#25 Service Water Pump Motor	Changed Motor	4/9/83

OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 8-5-83
COMPLETED BY N. Blatt
TELEPHONE 914-526-5127

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: July 1983
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): 88^r
7. Maximum Dependable Capacity (Net MWe): 849
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: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5087	79632
12. Number Of Hours Reactor was Critical	744	4660.15	52817.83
13. Reactor Reserve Shutdown Hours	0	33.85	1612.36
14. Hours Generator On-Line	744	4338.5	51177.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2035671	1145114	132887790
17. Gross Electrical Energy Generated (MWH)	636370	3600000	41102726
18. Net Electrical Energy Generated (MWH)	612027	3445947	39178004
19. Unit Service Factor	100.0	85.3	64.3
20. Unit Availability Factor	100.0	85.3	64.3
21. Unit Capacity Factor (Using MDC Net)	96.9	79.0	57.2
22. Unit Capacity Factor (Using DER Net)	94.2	77.6	56.4
23. Unit Forced Outage Rate	0	5.9	9.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)	None		

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
INITIAL ELECTRICITY
COMMERCIAL OPERATION

~~_____~~
~~_____~~
~~_____~~ N/A ~~_____~~
~~_____~~

(9/7)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP Unit 2

DATE 8/5/83

COMPLETED BY M. Blatt

TELEPHONE 914-526-5127

MONTH July 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>832</u>
2	<u>831</u>
3	<u>829</u>
4	<u>823</u>
5	<u>826</u>
6	<u>831</u>
7	<u>828</u>
8	<u>833</u>
9	<u>825</u>
10	<u>827</u>
11	<u>827</u>
12	<u>828</u>
13	<u>833</u>
14	<u>828</u>
15	<u>830</u>
16	<u>829</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>828</u>
18	<u>826</u>
19	<u>826</u>
20	<u>823</u>
21	<u>827</u>
22	<u>827</u>
23	<u>826</u>
24	<u>830</u>
25	<u>828</u>
26	<u>828</u>
27	<u>829</u>
28	<u>830</u>
29	<u>779</u>
30	<u>758</u>
31	<u>778</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 50-247UNIT NAME IP Unit 2DATE 8/5/83COMPLETED BY M. BlattTELEPHONE 914-526-5127REPORT MONTH July 1983

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	830729	S	0	B	4	None	HA	Valve F	Load reduction to perform turbine stop and control valve testing.
N/A	830729	S	0	B	4	None	CH	Pump XX B	During load reduction repaired No. 22 Main Boiler Feed Pump Control System.
N/A	830731	S	0	B	4	None	HG	HTEXCM D	Load reduction to clean Nos. 21 and 24 condenser water boxes.

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 G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LLR) File (NUR: G-0161)

5
Exhibit I - Same Source

(9/77)

John D. O'Toole

Director

100 Rockefeller Plaza, 10th Floor, New York, NY 10020
400 Madison Avenue, New York, NY 10017
Tel. (212) 486-2500

August 15, 1983

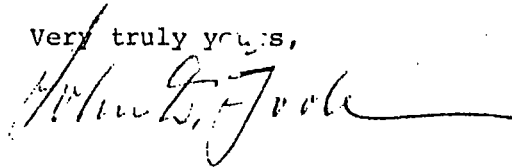
RE: Indian Point Unit No. 2
Cocket No. 50-247

Mr. William G. McDonald, Director
Office of Management Information
and Program Control
C/O Distribution Services Branch, DDC, ADM
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. McDonald:

Enclosed you will find two copies of the Monthly Operating Report related to Indian Point Unit No. 2 for the month of July 1983.

Very truly yours,



Encl.

CC: Mr. Richard DeYoung, Director (40 copies)
Office of Inspection and Enforcement
C/O Distribution Services Branch, DDC, ADM
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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