

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 4-5-84
 COMPLETED BY M. Blatt
 TELEPHONE (914) 526-5127

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: March 1984
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:

Notes

None

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	744	2184	85489
12. Number Of Hours Reactor Was Critical	744	1741.46	57688.68
13. Reactor Reserve Shutdown Hours	0	0	2119.73
14. Hours Generator On-Line	744	1717.50	55913.20
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2038163	4637918	145670537*
17. Gross Electrical Energy Generated (MWH)	648490	1461680	45119256
18. Net Electrical Energy Generated (MWH)	625008	1400387	43027479
19. Unit Service Factor	100.0	78.6	65.4
20. Unit Availability Factor	100.0	78.6	65.4
21. Unit Capacity Factor (Using MDC Net)	97.2	74.2	58.6
22. Unit Capacity Factor (Using DER Net)	96.2	73.4	57.7
23. Unit Forced Outage Rate	0	21.4	9.6

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

10 YEAR IN SERVICE INSPECTION/REFUELING OUTAGE SCHEDULED TO BEGIN JUNE 2, 1984

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
NA	NA
"	"
"	"

*September 1983 Gross Thermal Energy Generated (MWH) corrected to 1934152.

(9/77)

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 PDR ADOCK 05000247
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT I.P. Unit No. 2
 DATE 4-5-84
 COMPLETED BY M. Blatt
 TELEPHONE 914-526-5127

MONTH MARCH 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>834</u>
2	<u>840</u>
3	<u>844</u>
4	<u>845</u>
5	<u>845</u>
6	<u>843</u>
7	<u>845</u>
	<u>834</u>
	<u>844</u>
10	<u>844</u>
11	<u>842</u>
12	<u>841</u>
13	<u>845</u>
14	<u>749</u>
15	<u>841</u>
16	<u>845</u>

DAY	AVLRAGE DAILY POWER LEVEL (MWe-Net)
17	<u>842</u>
18	<u>844</u>
19	<u>845</u>
20	<u>843</u>
21	<u>844</u>
22	<u>844</u>
23	<u>844</u>
24	<u>846</u>
25	<u>845</u>
26	<u>846</u>
27	<u>840</u>
28	<u>842</u>
29	<u>845</u>
30	<u>845</u>
31	<u>845</u>

INSTRUCTIONS

On the figure for the average daily power level in MW (MWe-Net) for the entire month of March 1984.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1984DOCKET NO. 50-247UNIT NAME I.P. Unit #2DATE 4-5-84COMPLETED BY M. BlattTELEPHONE (914) 526-5127

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	3-14-84	F	N/A	A	N/A		ED	Elecon	Reduced Load due to high temperature ISOPHASE BUS "B".

¹
F: Forced
S: Scheduled

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

SUMMARY OF OPERATING EXPERIENCE

MARCH 1984

At the beginning of the report period Unit 2 was operating at 100% reactor power. During the month, four brief deratings occurred as follows:

On March 8, a 20 MWe reduction resulted from a turbine runback caused by an apparent intermittent failure of the Dropped Rod Turbine Runback circuit. Following the runback, one of two pressurizer spray valves stuck partially open. A containment entry was made and the spray line serving that valve was isolated. The unit was then returned to full power.

On March 11, an electrical ground resulted in a loss of moisture separator reheater heating steam supply and a 25MWe load reduction. The ground was located and isolated and the unit was then returned to full power.

On March 14, reactor power was reduced to 75% due to high temperature indication on isophase bus "B". Investigations found no problem and the unit was returned to full power.

On March 27, a signal spike on the overpower delta T instrument resulted in a turbine runback and reduction of reactor power from 100% to 94%. The cause of the spike was found to be a failed resistor in the NIS input to #23 loop overpower delta T. The resistor was replaced. The unit was returned to full power and remained there for the rest of the month.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR. NO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>CORRECTIVE ACTION</u>
11384*	CVCS	23 Charging Pump	12/13/83	Rebuilt Seals
11422*	CVCS	22 Charging Pump	12/15/83	Replaced Packing
1207	ELEC	CRD/RPI Con- nectors	1/6/84	Changed Connectors
1244	CYW	City Water Isolation Valve	1/5/84	Installed Valve
1813	CS	Condenser	1/5/84	Completed Leak Response Modification
7464	EDG	22 EDG	1/28/84	Replaced 4 Lube Oil Heaters
7471-7474	VC	80+95' El Airlock	1/7/84	Adjusted Inner and Outer Door Limit Switch
7708	IA	PCV 1216	1/5/84	Replaced Regulator
8682	EDG	22 Jacket Water Heater	1/28/84	Replaced JW Heaters
9311	ELEC	Battery 22 Cells L9-20-21	1/13/84	Charged Cells
9371	SW	SWN 44-3A	1/11/84	Adjusted Limits
9504	SW	SWP 0031-009	1/26/84	Overhauled Pump
10063	HPS	24 HP Blower	1/20/84	Install New Blower and Motor
10326	ACS	Valve 791	1/9/84	Adjusted Limits
11516	CYW	PCV-1189	1/16/84	Changed Microswitch
11537	MRS	Valve MS-1-24	1/7/84	Lubricated Valve
11538	MRS	Valve MS-1-23	1/7/84	Lubricated Valve
11568	EDG	22 EDG	1/20/84	Cleaned JW Coolers
11569	EDG	23 EDG	1/23/84	Cleaned JW Coolers
11761	WCCPPS**	SOV-1278	1/6/84	Repaired Valve

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR. NO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>CORRECTIVE ACTION</u>
11804	WCCPPS	Valve 1110-4	1/7/84	Replaced Valve
11820	MRS	Valve MS-1-22	1/7/84	Lubricated Valve
11821	MRS	Valve MS-1-21	1/7/84	Lubricated Valve
11828	MRS	Valve MS-2A	1/7/84	Lubricated Valve
11829	MRS	Valve MS-2B	1/7/84	Lubricated Valve
11830	MRS	Valve MS-2C	1/7/84	Lubricated Valve
11831	MRS	Valve MS-2D	1/7/84	Lubricated Valve
12017	CVCS	23 Charging Pump	1/18/84	Replaced Seals
12018	RM	R 13 Particulate Compressor	1/18/84	Replaced Pump/Belt
12057	IA	Valve 876B	1/19/84	Changed Regulator
12077	EDG	21 EDG	1/19/84	Cleaned Coolers

** Previously called WCCP

* Connection to February MOR

John D. O'Toole
Vice President

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April 16, 1984

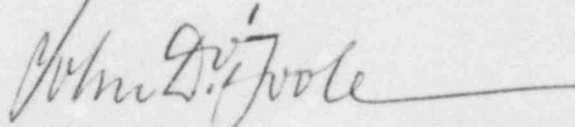
Re: Indian Point Unit No. 2
Docket No. 50-247

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 for
Indian Point Unit No. 2 for the month of March 1984.

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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