

Summary of Operating Experience

June 1988

The unit was operated at 100% reactor power from the beginning of the reporting period until June 7, 1988, when periodic turbine stop valve test was initiated at 0115 hours. The test was completed at 0220 and the unit was returned to 100% power by 0400 hours.

On June 8, 1988, power was reduced to 98% when Feedwater heaters (FH) Nos. 23A, 24A, and 25A were removed from service to repair a leaking thermowell on FH 24A. The FH's were returned to service on June 9, 1988 and power returned to 100%.

On June 17, 1988, a unit trip occurred at 1227 due to the loss of 21 main boiler feed pump turbine (MBFPT). The MBFPT trip was initiated by an inadvertent actuation of a manual trip signal. Following inspections of reactor head conoseals, the unit was brought to cold shutdown condition for a maintenance outage.

After completion of conoseal repairs and other maintenance, the reactor was brought critical on June 26, 1988 at 1625 hours. The unit was synchronized to the bus at 0435 on June 28, 1988. At 1630, on June 28, 1988, 22 heater drain tank pump (HDTP) was declared out-of-service due to a failed trust bearing. Power level was maintained at 99% for the remainder of the month, while repairs to 22 HDTP continued.

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OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 7/8/88
COMPLETED BY K. Krieger
TELEPHONE (914) 526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit # 2
2. Reporting Period: June 1988
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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	720	4367	122736
12. Number Of Hours Reactor Was Critical	500.03	3636.33	84255.50
13. Reactor Reserve Shutdown Hours	0	0	3768.50
14. Hours Generator On-Line	463.87	3466.77	81863.45
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1254343	9244908	214080387
17. Gross Electrical Energy Generated (MWH)	403816	3025186	66637742
18. Net Electrical Energy Generated (MWH)	385075	2901364	63638279
19. Unit Service Factor	64.4	79.4	66.7
20. Unit Availability Factor	64.4	79.4	66.7
21. Unit Capacity Factor (Using MDC Net)	63.0	77.4	60.4
22. Unit Capacity Factor (Using DER Net)	61.3	76.1	59.4
23. Unit Forced Outage Rate	7.5	1.8	8.3

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):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP Unit #2

DATE 7/8/88

COMPLETED BY K. Krieger

TELEPHONE (914) 526-5155

MONTH June 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>871</u>
2	<u>872</u>
3	<u>869</u>
4	<u>865</u>
5	<u>866</u>
6	<u>867</u>
7	<u>863</u>
8	<u>854</u>
9	<u>849</u>
10	<u>864</u>
11	<u>866</u>
12	<u>859</u>
13	<u>865</u>
14	<u>867</u>
15	<u>864</u>
16	<u>865</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>428</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>298</u>
29	<u>814</u>
30	<u>819</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 June 1988DOCKET NO. 50-247UNIT NAME TP Unit # 2DATE 7/8/88COMPLETED BY K. KreiegerTELEPHONE (914) 526-5155

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
5	880617	F	10.05	H	3	88-06	CH	Pump XX B	Loss of MBFP due to accidental manual trip
5	880617	S	218.50	B	4	N/A	CA	Vessel A	Unit remained shutdown to inspect and repair reactor head conoseals
5	880627	F	27.58	A	4	N/A	EB	Install P	Electrical Generator Exciter.

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)

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

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Exhibit I - Same Source

(9/77)

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE - JUNE

<u>MWO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
39474	RELIEF	PRT	6/28/88	RENEWED RUPTURE DISCS (2)
38962	EDG	AIR COMP	6/15/88	ADJUSTED BELTS
38899	EDG	AIR START MOTOR	6/28/88	INSTALLED NEW REG.
38212	EDG	DA-25-3	6/21/88	REPLACED VALVE DA-25-3
38686	EDG	23 EDG CLRS.	6/15/88	CLEANED COOLERS
38685	EDG	21 EDG CLRS.	6/15/88	CLEANED COOLERS

Stephen B. Bram
Vice President

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July 15, 1988

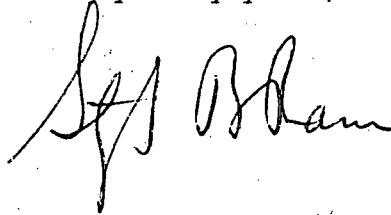
Re: Indian Point Unit No. 2
Docket No. 50-247

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

Dear Sir:

Enclosed are twelve copies of the Monthly Operating Report for Indian Point Unit No. 2 for the month of June 1988.

Very truly yours,



Enclosure

cc: Document Control Desk
U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

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