

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 11-7-80
 COMPLETED BY E. Eich
 TELEPHONE 914-694-6000
 Ext. 231 @ I.P.

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: October, 1980
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 Unit brought to cold shutdown on 10-22-80 to assess effect of equipment submergence resulting from FCU leakage.

9. Power Level To Which Restricted, If Any (Net MWe): 824
10. Reasons For Restrictions, If Any: Removal of the No. 3 Disc. (Generator End) on No. 23 Low Pressure Turbine Rotor.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7320	55 561
12. Number Of Hours Reactor Was Critical	394.55	5 869.48	38 163.91
13. Reactor Reserve Shutdown Hours	347.75	1 231.30	1 472.79
14. Hours Generator On-Line	388.30	5 691.20	37 080.38
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1 066 206	14 975 902	95 808 428
17. Gross Electrical Energy Generated (MWH)	318 370	4 486 960	29 620 046
18. Net Electrical Energy Generated (MWH)	299 391	4 273 726	28 238 826
19. Unit Service Factor	52.1	77.7	66.7
20. Unit Availability Factor	52.1	77.7	66.7
21. Unit Capacity Factor (Using MDC Net)	47.2	68.3	59.1
22. Unit Capacity Factor (Using DER Net)	46.0	66.9	58.2
23. Unit Forced Outage Rate	47.9	13.8	8.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Decision made to keep Unit out of service for replacement of FCU cooling coils and Cycle 4/5 refueling outage.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 5-31-81
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved

N. A.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
UNIT Indian Point
Unit No. 2
DATE 11-7-80
COMPLETED BY E. Eich
TELEPHONE 914-694-6000
Ext. 231 @ I.P.

MONTH October, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>781</u>
2	<u>783</u>
3	<u>763</u>
4	<u>775</u>
5	<u>788</u>
6	<u>788</u>
7	<u>789</u>
8	<u>791</u>
9	<u>795</u>
10	<u>792</u>
11	<u>792</u>
12	<u>788</u>
13	<u>799</u>
14	<u>797</u>
15	<u>783</u>
16	<u>789</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>98</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>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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 October, 1980

DOCKET NO. 50-247
 UNIT NAME I.P. Unit No. 2
 DATE 11-7-80
 COMPLETED BY E. Eich
 TELEPHONE 914-694-6000
 Ext. 231 @ I.P.

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
14	10-17-80	F	356.7	A	3	N/A	HA	INSTRU - C -	Local turbine load limit moved in decreasing direction causing system transient and resultant reactor trip via high pressurizer pressure signal.

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 (LER) File (NUREG-0161)

5
 Exhibit I- Same Source

Indian Point Station

Docket No.	50-247
Unit	Unit No. 2
Date	November 3, 1980
Completed By	J. Makepeace
Telephone	914-739-8823

Summary of Operating Experience - October, 1980

Unit No. 2 operated essentially at full load through October 16. On Friday, October 17, a failure of one of the four power range nuclear instrumentation channels precipitated a series of events that ultimately resulted in a unit trip at 4:18 a.m. In the course of making a containment entry to make repairs to the defective channel, an accumulation of water was observed on the containment floor. A subsequent investigation revealed that the source of the water was river water leakage from the containment fan coolers and that some of the spilled water had overflowed into the reactor vessel cavity. It was later determined that the water in the cavity had reached a level approximately nine feet above the bottom of the reactor vessel.

Because of the potential effect of river water on equipment in the reactor cavity, the reactor was brought to a cold shutdown condition to facilitate an investigation into all aspects relating to this occurrence. This investigation is continuing. A team of NRC Inspectors arrived at the site on October 22 and are also conducting an independent investigation.

All remaining LOPAR fuel for the next cycle was received at the site during this report period. A total of seventy-two fuel assemblies are now on hand and are stored in the Unit No. 2 Fuel Storage Building.