

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 12/2/82
 COMPLETED BY E. Eich
 TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: November 1982
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:
Winter Ratings (items 6 & 7)

Notes UNIT REMAINS IN THE COLD SHUTDOWN CONDITION FOR THE CYCLE 5/6 REFUELING AND MAINTENANCE OUTAGE.

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	8016	73801
12. Number Of Hours Reactor Was Critical	0	5773.65	48095.18
13. Reactor Reserve Shutdown Hours	0	51.08	1578.51
14. Hours Generator On-Line	0	5728.30	46839.30
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	15122101	121436676
17. Gross Electrical Energy Generated (MWH)	0	4663410	37502726
18. Net Electrical Energy Generated (MWH)	-1639	4454835	35739491
19. Unit Service Factor	0	71.5	63.5
20. Unit Availability Factor	0	71.5	63.5
21. Unit Capacity Factor (Using MDC Net)	0	65.0	56.3
22. Unit Capacity Factor (Using DER Net)	0	63.7	55.5
23. Unit Forced Outage Rate	0	7.3	9.8
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: 12/23/82
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit No. 2

DATE 12/2/82

COMPLETED BY E. Eich

TELEPHONE 914-526-5155

MONTH November 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</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>-</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 _____

50-247

DOCKET NO.

UNIT NAME IP Unit No. 2DATE 12/ 2/82COMPLETED BY E. EichTELEPHONE 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
8	820918	S	720	C	1	None	ZZ	ZZZZZZ	Refueling and Maintenance Outage, Continued from September.

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

SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247

Date: 12/8/82

Completed By: J. Curry

Telephone No. (914) 526-5235

During the November report period, Indian Point Unit No. 2 was in the cold shutdown condition for the Cycle 5/6 refueling and maintenance outage. The following significant outage tasks were addressed.

- o No. 21 Residual Heat Removal (RHR) pump motor failed on Tuesday, November 2, 1982 and was replaced with a spare. No. 22 RHR pump was placed in service. Check valve 741A was installed in RHR return line No. 9.
- o A spare low pressure turbine spindle was delivered and will be placed in No. 21 turbine location. Blade replacement activities were completed on Nos. 22 and 23 low pressure turbine spindles.
- o A visual inspection of the lower core support plate and the area at the bottom of the reactor vessel revealed several small objects which were removed.
- o The visual inspection of selected fuel assemblies was completed. One upper fuel rod end plug on fuel assembly F-44 was found dislodged and wedged between the end plugs of adjacent fuel rods. A fuel rod in assembly E-06 was missing its upper end plug.

The upper hold down springs in these rods were in place assuring that no fuel pellets were discharged from the rods. These assemblies were not returned to the core.

- o Three new replacement high pressure feedwater heaters were set in place and their inlets and outlets were aligned to the headers.
- o The reactor core was fully discharged to the fuel storage building and reloaded by November 20, 1982.
- o Nos. 21 and 22 component cooling heat exchangers were replaced.
- o All replacement stainless steel tube bundles for the moisture separator reheaters were installed and associated piping is being connected.
- o Replacement of the PRODAC-250 computer with the Proteus-2500 computer system continued.

Docket No. 50-247
 Date: 12/9/82
 Completed by: J. Bahr
 November, 1982

Mechanical and Electrical Maintenance

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
7/17/82	No. 21 Service Water Pump	3043	Failed PMT/489	Pump replaced.
7/12/82	No. 22 Charging Pump	3231	Loose bolts on No. 2 stuffing box	Bolts tightened.
7/9/82	No. 22 Charging Pump	3247	Leak around plate on No. 2 piston.	Replaced gasket on #2 studding box. Tightened all tube fittings.
7/8/82	No. 23 Charging Pump	3248	Insufficient discharge pressure/flow.	Replaced discharge valves.
7/12/82	No. 23 Charging Pump	0227	Piston seal leak	Changed seal on No. 3 cylinder.
7/13/82	No. 22 Charging Pump	1733	No. 1 piston suction valve cover leak.	Piston cover tightened.
7/9/82	No. 21 Aux. Boiler Feed Pump	3256	High vibration noted in motor of No. 21 ABFP	Motor repaired and reinstalled with new coupling.
7/12/82	Valve SOV 1135	3300	Containment sample isolation valve PCV 1235 out of service.	Replaced shorted coil in SOV 1535 which operates PCV 1235.
7/15/82	Radiation monitor- R11-12 Sample Blower	3311	Radiation Monitor R11-12 sample blower produces insufficient flow.	Sample blower replaced.

Mechanical and Electricl Maintenance

Indian Point Unit No. 2

<u>Date</u>	<u>Component</u>	<u>MWR</u>	<u>Malfunction</u>	<u>Corrective Action</u>
7/2/82	No. 22 Aux. Boiler Feed Pump Thrust Bag. Pressure Control Valve Controller.	2022995	Controller linkage disconnected.	Linkage reconnected.

November, 1982
Docket No. 50-247
Ref: Letter Hartfield/Cahill
1/18/78

Refueling Information Request

1. Name of facility - Indian Point Unit No. 2.
2. Scheduled date for next refueling shutdown-approximately May, 1984.
3. Scheduled date for restart following refueling - December 23, 1982.
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

-No fuel design or core configuration related technical specification change or license amendment is required.

If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10CFR Section 50.59)? If no such review has taken place when is it scheduled?

-The reload fuel design and core configuration will be reviewed in accordance with the requirements of the plant Technical Specifications.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

-Not applicable.

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

-None.

7. The number of fuel assemblies.

a) in the core - 193

and b) in the spent fuel storage pool - 328

8. The present licensed spent fuel storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

-Maximum storage capacity is 980 (Tech. Spec. Amendment 75). There are no plans or request for any increase.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

-Year 1991 with fuel core discharge capability. (Tech. Spec. Amendment 75).