

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 2-8-85
 COMPLETED BY M. Blatt
 TELEPHONE (914) 526-2127

OPERATING STATUS

Notes

1. Unit Name: Indian Point Unit #2
2. Reporting Period: January 1985
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:

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	<u>744</u>	<u>744</u>	<u>92833</u>
12. Number Of Hours Reactor Was Critical	<u>739.92</u>	<u>739.92</u>	<u>61405.64</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2345.70</u>
14. Hours Generator On-Line	<u>717.35</u>	<u>717.35</u>	<u>59467.73</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1958919</u>	<u>1958919</u>	<u>154663294</u>
17. Gross Electrical Energy Generated (MWH)	<u>625450</u>	<u>625450</u>	<u>47943066</u>
18. Net Electrical Energy Generated (MWH)	<u>602906</u>	<u>602906</u>	<u>45716813</u>
19. Unit Service Factor	<u>96.4</u>	<u>96.4</u>	<u>64.1</u>
20. Unit Availability Factor	<u>96.4</u>	<u>96.4</u>	<u>64.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.8</u>	<u>93.8</u>	<u>57.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.8</u>	<u>92.8</u>	<u>56.4</u>
23. Unit Forced Outage Rate	<u>3.6</u>	<u>3.6</u>	<u>9.6</u>

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

None

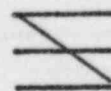
25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

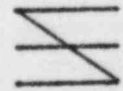
Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION



N/A



IE24

1/1

8502270349 850131
 PDR ADOCK 05000247
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(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT I.P. Unit #2
 DATE 2/8/85
 COMPLETED BY M. Blatt
 TELEPHONE 914-526-5127

MONTH JANUARY 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	854
2	459	18	856
3	846	19	853
4	848	20	854
5	852	21	855
6	852	22	852
7	848	23	856
8	854	24	852
9	855	25	855
10	852	26	852
11	853	27	853
12	853	28	855
13	854	29	852
14	827	30	855
15	839	31	853
16	847		

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 JANUARY 1985

DOCKET NO. 50-247
 UNIT NAME IP Unit #2
 DATE 2/8/85
 COMPLETED BY M. Blatt
 TELEPHONE (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
7	841219	F	26-65	A	3	84-025	HA	xxxxxxx	Generator Hydrogen Seal Leak Causing Fire
N/A	850114	F	N/A	A	N/A	N/A	EB	xxxxxxx	MCC Trip Causing Loss of IRPI and Turbine Runback

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

February 1985

At the beginning of the report period, Indian Point Unit 2 was in hot shutdown to complete repairs to the main generator hydrogen seal. On January 2 the unit was returned to service and reactor power was gradually raised to 100%, which was maintained for the remainder of the report period.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
17313	WDS	22 Waste Gas Compressor Breaker	1/09/85	Replaced breaker
17314	CVCS	22 Boric Acid Transfer Pump	1/24/85	Rebuilt pump.
17617	RCS	23 Pressurizer Back-up Heater	1/28/85	Replaced auxiliary switch in feed supply breaker to heater
16954	PSS	#1 Liquid Sample Pump-Primary Sampling System	1/29/85	Replaced pump.
16893	RP	Channel B of Independent Turbine Electronic Overspeed Protection System	12/02/84	Replaced solenoid coil
17256	WD	22 Waste Gas Compressor	12/04/84	Rebuilt waste gas compressor.
17391	RM	R11 Radiation Monitor Vapor Containment	12/20/84	Replaced blower.
17977	RM	R11 & R12 Vapor Containment Radiation Monitors	12/22/84	Replaced failed coil in solenoid valve on sample line
17987	BA	Valve 210 in Reactor Water Makeup System	12/28/84	Replaced valve stem.
17528	SI	21 Safety Injection System Pump	12/31/84	Replaced pump.
16428	BA	21 Boric Acid Transfer Pump	11/07/84	Replaced pump bearings shaft oil and mechanical seals.
16427	BA	22 Boric Acid Transfer Pump	11/07/84	Replaced pump bearings, shaft oil and mechanical seals.

MAJOR SAFETY RELATED CORRECTIVE MAINTENANCE

<u>MWR NO.</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
16701	IA	21 Instrument AJR Compressor Dis- charge Valves IA-3 & IA-3-1	11/13/84	Replaced worn valves
16864	VC	80' Vapor Con- tainment Air- lock Outside Door	11/16/84	Replaced bearings in locking assembly
13779	VC	27 Hot Penetra- tion Air Blower	11/27/84	Replaced motor.
17435	BA	21 Boric Acid Transfer Pump	11/30/84	Replaced pump seal, impeller "O" Ring, gland follower and mechanical seal.

Attachment I

February, 1985

Docket No. 50-247

Ref: Letter to Hartfield/Cahill

1/18/78

Refueling Information Request

1. Name of facility - Indian Point Unit No. 2
2. Scheduled date for next refueling shutdown March 1986.
3. Date for restart following refueling - Unit made critical October 17, 1984.
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. 10 CFR Section 50.59)? If no such review has taken place when is it scheduled?

-The reload fuel design and core configuration has been 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 - 396

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 1993 with full core discharge capability.

Attachment II

Summary of Operating Experience

December 1984

Following a scheduled two day outage to perform maintenance on the boiler feed pumps during which the plant was maintained in hot shutdown, Indian Point Unit 2 was returned to service on December 2 and power gradually raised to full load conditions.

On December 19 the Unit was removed from service due to a fire that occurred at the generator exciter end seal. The fire resulted from the failure of the main generator hydrogen shaft seal.

On December 28 the RCS was cooled below 350°F where it was maintained for the remainder of the report period to facilitate maintenance of the safety injection pumps.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DECEMBER 1984
REPORT MONTH

DOCKET NO. 50-247
 UNIT NAME T. P. Unit No. 2
 DATE 1/7/85
 COMPLETED BY M. Blatt
 TELEPHONE 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
6	841130	S	46.98	B	1	NA	HA	zzzzzzzz	Misc. Maintenance Continued From November
7	841219	F	289.97	A	3	84-025	HA	xxxxxxx	Generator Hydrogen Seal Leak Causing Fire

¹
 F: Forced
 S: Scheduled

²
 Reason:
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 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
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 Exhibit I - Same Source

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003
Telephone (212) 460-2533

February 15, 1985

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

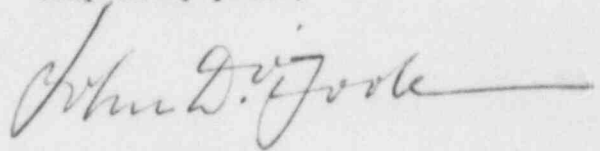
Mr. James M. Taylor, Director
Office of Inspection and Enforcement
c/o Distribution Services Branch, DDC, ADM
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Taylor:

Forwarded herewith is one copy of the Monthly Operating Report for Indian Point Unit No. 2 for the month of January 1985. We are enclosing as Attachment I an update on the refueling information requested in a January 18, 1978 letter from Mr. R. A. Hartfield, Acting Director of the Office of Management Information and Program Control.

Also enclosed as Attachment II are a revised Unit Shutdown and Power Reductions and Summary of Operating Experience pages for the month of December 1984.

Very truly yours,



Encl.

cc:

Dr. Thomas E. Murley, Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Ave.
King of Prussia, Pa. 19406

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 38
Buchanan, New York 10511

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