

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247
 UNIT I.P. Unit 2
 DATE 6-6-83
 COMPLETED BY E. F. Eich
 TELEPHONE 914-526-5155

MONTH MAY 1983

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | 850 |
| 2 | 845 |
| 3 | 848 |
| 4 | 854 |
| 5 | 852 |
| 6 | 761 |
| 7 | 499 |
| 8 | 61 |
| 9 | 447 |
| 10 | 849 |
| 11 | 846 |
| 12 | 848 |
| 13 | 851 |
| 14 | 844 |
| 15 | 849 |
| 16 | 855 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | 848 |
| 18 | 848 |
| 19 | 850 |
| 20 | 848 |
| 21 | 848 |
| 22 | 849 |
| 23 | 850 |
| 24 | 852 |
| 25 | 851 |
| 26 | 851 |
| 27 | 850 |
| 28 | 847 |
| 29 | 851 |
| 30 | 850 |
| 31 | 853 |

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.

8307220365 830606
 PDR ADCK 05000247
 R PDR

(077)
 IE24
 111

OPERATING DATA REPORT

DOCKET NO. 50-247
DATE 6-6-88
COMPLETED BY E. F. Eich
TELEPHONE 914-526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: May 1983
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:
NONE

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: N/A

| | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|------------|
| 11. Hours In Reporting Period | 744 | 3623 | 78168 |
| 12. Number Of Hours Reactor Was Critical | 733.28 | 3196.15 | 51353.83 |
| 13. Reactor Reserve Shutdown Hours | 10.72 | 33.85 | 1612.36 |
| 14. Hours Generator On-Line | 714.75 | 2874.50 | 49713.80 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWH) | 1932798 | 7452604 | 128889280 |
| 17. Gross Electrical Energy Generated (MWH) | 616840 | 2343360 | 39846086 |
| 18. Net Electrical Energy Generated (MWH) | 592950 | 2236926 | 37968983 |
| 19. Unit Service Factor | 96.1 | 79.3 | 63.6 |
| 20. Unit Availability Factor | 96.1 | 79.3 | 63.6 |
| 21. Unit Capacity Factor (Using MDC Net) | 93.9 | 71.8 | 56.5 |
| 22. Unit Capacity Factor (Using DER Net) | 91.3 | 70.7 | 55.6 |
| 23. Unit Forced Outage Rate | 3.9 | 8.6 | 9.8 |
| 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: NA
26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION



NA



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY 1983

DOCKET NO. 50-247
 UNIT NAME TP Unit 2
 DATE 6/6/83
 COMPLETED BY E. F. Eich
 TELEPHONE 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 |
|-----|--------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|--|
| N/A | 830506 | S | 0 | B | 4 | | HA | VALVEX F | Load Reduction Due to Turbine Valve Testing |
| N/A | 830507 | S | 0 | B | 4 | | CH | PUMPXX B | Load Reduction Due to Repair of 22 MBFP Control System |
| 9 | 830508 | F | 29.25 | G | 1 | | CH | PUMPXX B | Unit Manually Tripped Due to Loss of 21 MBFP. The Loss of 21 MBFP Was Caused by Inadvertent Operator Introduction of Gasket Material into System During Oil Filter Change Blocking Orifice in 21 MBFP Controls. |

¹
 F: Forced
 S: Scheduled

(9/77)

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: 6/7/83
Completed by: J. Curry
Telephone No.: (914) 526-5235

Indian Point Unit No. 2 operated at 100% reactor power from May 1 through May 6, when load was reduced to conduct the turbine stop and control valve monthly test, and to make repairs on #22 Main Boiler Feedwater Pump (M.B.F.P.).

Load was maintained at 300 MWe during the test, and #22 M.B.F.P. was shutdown and repaired. Upon completion of test and repairs, load was increased.

On May 8, while the unit was at 90% reactor power #21 M.B.F.P. ran down to zero load and the unit was tripped manually as the low steam generator level automatic trip was approached. The unit was returned to service on May 9 and returned to 100% power.

Docket No.: 50-247
Date: 6/10/83
Completed by: R. Platt, D. Army
May, 1983

INDIAN POINT UNIT NO. 2

| <u>MWR NO.</u> | <u>DATE</u> | <u>SYSTEM</u> | <u>COMPONENT</u> | <u>CORRECTIVE MAINTENANCE</u> |
|----------------|-------------|--------------------|--|---|
| 202-6607 | 1/13/83 | SW | 480 Volt Breaker SWP #22 | Replaced defective Amptector trip device. |
| 202-6342 | 1/13/83 | RCS | RCS Loop 3 Delta-T Indication | Reconnected disconnected RTD |
| 202-6491 | 1/13/83 | 480V Switchgear | 480 Volt Breaker 52/6A | Replaced defective Amptector trip device. |
| 201-6436 | 1/13/83 | MS | #21 Steam Atmospheric Relief Valve | Drained water and cleaned orifice in I/P converter |

Docket No.: 50-247
 Date: 6/10/83
 Completed by: R. Platt, D. Army
 May, 1983

INDIAN POINT UNIT NO. 2

| <u>MWR</u> | <u>SYSTEM</u> | <u>COMPONENT</u> | <u>CORRECTIVE MAINTENANCE</u> | <u>DATE</u> |
|------------|---------------|------------------|-------------------------------|-------------|
| 602 | SW | SWN 2 Thru 5 | Replaced valves | 12/27/82 |
| 1324 | MRS | MS 55A thru D | Replaced valves | 12/22/82 |
| 2765 | WDS | Weir Dump | Replaced valves | 12/22/82 |
| | | Valves 21-25 | | |
| 3222 | PMW | Valve 522 | Repaired operator | 12/17/82 |
| 4256 | FW | FCV 417 | Replaced operator | 1/20/83 |
| 5364 | Elec | 21ABFP Breaker | Replaced coil | 1/18/83 |
| 5438 | RCS | Valve 529 | Replaced valves | 12/30/82 |
| 6186 | CSS | 21 Containment | Replaced motor | 12/22/82 |
| | | Spray Pump | | |
| 6237 | HVAC | PCV-1191 | Repaired Air Operator | 12/27/82 |
| 6415 | SW | SWN 46 | Repaired Operator | 1/7/83 |
| 6617 | CVCS | Valve 4007 | Replaced Valve | 1/26/83 |
| 192 | RCS | 24 RCP Motor | Replaced Rotor/Stator | 1/24/83 |
| 193 | RCS | 21 RCP Motor | Replaced Rotor/Stator | 1/24/83 |
| 1079 | RCS | RV 464 | Tested Valve | 12/15/82 |
| 1080 | RCS | RV 468 | Tested Valve | 12/15/82 |
| 1081 | RCS | RV 466 | Tested Valve | 12/15/82 |
| 1231 | SIS | MOV 1822A | Repaired Valve | 12/23/82 |
| 1232 | SIS | MOV 1822B | Repaired Valve | 12/23/82 |
| 1517 | PSS | Valve 955E | Repaired Operator | 12/16/82 |
| 2269 | RCS | Valve 4140 | Replaced valve | 1/26/83 |
| 3893 | SW | 26 SW Pump | Overhauled pump | 12/23/82 |
| 4258 | HVAC | FCV 1171 | Adjusted Air Operator | 12/23/82 |
| 5097 | MRS | MS-52 | Tested Relief Valve | 12/22/82 |
| 5153 | CVCS | PCV 213 | Repacked Valve & | 12/17/82 |
| | | Repaired Bonnet | | |
| 5156 | SIS | MOV 850B | Repaired Operator | 12/15/82 |
| 5255 | SGB | Blowdown Tank | Repaired Leak on Tank | 1/21/83 |
| 5360 | RCS | PCV 953 | Replaced Packing Gland | 1/26/83 |
| | | Nuts | | |
| 5403 | WDS | Valve 5430 | Replaced Valve | 12/28/82 |
| 5544 | RHR | MOV 731 | Replaced Bonnet Studs | 1/24/83 |
| 5582 | SIS | MOV 1803 | Repaired Operator | 12/22/82 |
| 5631 | RCS | Seal Table | Repaired fitting leak | 1/3/83 |
| 5720 | CVCS | RV 231 | Replaced Valve | 1/14/83 |
| 5895 | Elec | 23 Sta. Battery | Removed 2 cells | 1/18/83 |
| 5896 | Elec | 24 Sta. Battery | Removed 2 cells | 1/18/83 |
| 5909 | MRS | MS 1/2 Valves | Lubricated Operators | 1/6/83 |

Docket No.: 50-247
Date: 6/10/83
Completed by: R. Platt, D. Army
May, 1983

INDIAN POINT UNIT NO. 2

| <u>MWR</u> | <u>SYSTEM</u> | <u>COMPONENT</u> | <u>CORRECTIVE MAINTENANCE</u> | <u>DATE</u> |
|------------|---------------|----------------------------|-------------------------------|-------------|
| 5985 | WDS | 22 RCDT Pump | Rebuilt Pump | 12/28/82 |
| 6072 | PSS | MOV 4399 | Replaced Operator | 12/20./82 |
| 6134 | RHR | 22 RHR Pump | Replaced Pump | 1/28/83 |
| 6259 | SW | 25 SW Pump | Overhauled Pump | 12/23/82 |
| 6280 | RCS | 24 RC Pump | Installed Balance Nut | 12/22/82 |
| 6698 | IA | 22 Inst Air Comp | Overhauled Compressor | 1/27/83 |
| 6699 | IA | #22 Inst Air Comp Motor | Overhauled Motor | 1/27/83 |

SYSTEM INITIALS

Reactor Coolant System (RCS)
Reactor Vessel and Internals (RVI)
Chemical and Volume Control System (CVCS)
Auxiliary Coolant System (ACS)
Waste Disposal System (WDS)
Primary Make-up Water System (PMW)
Steam Generator Blowdown System (SGB)
Primary Sampling System (PSS)
Plant Chemistry (PC)
Safety Injection System (SIS)
Containment Spray System (CSS)
Isolation Valve Seal Water System (IVSWS)
Hydrogen Recombiner System (HR)
Weld Channel and Containment Penetration (WCCP)
Post Accident Containment Sampling System (PACS)
Residual Heat Removal (RHR)
Vapor Containment Building (VC)
Containment Isolation System (CIS)
Hot Penetration Cooling System (HPS)
Radiation Monitoring and Protection System (RM)
In-Core Instrumentation System (II)
Nuclear Instrumentation System (NI)

SYSTEM INITIALS

Penetration Cooling Air System (PCA)

Main and Reheat Steam System (MRS)

Extraction Steam (EXS)

Condensate System (CS)

Secondary Sampling (SS)

Main Boiler Feedwater System (FW)

Aux Boiler Feedwater System (AFW)

Intake Structure (IS)

Circulating Water System (CH)

Service Water System (SW)

Main Turbine and Generator (MTG)

Electrical System (ELEC)

Overall Unit Protection System (UP)

Heating, Ventilation and Air Conditioning (HVAC)

Auxiliary Steam (AS)

Instrument Air System (IA)

Station Air System (SA)

Chemical Feed (CF)

City Water (CYW)

Fire Protection (FP)

Nitrogen, Hydrogen and Oxygen to Nuclear Equipment (NHO)

Cranes and Monorails (CM)

Buildings and Grounds (B/G)

Computer (C)

General (GEN) - Lubrication, Storeroom, Communications

New and Spent Fuel Handling and Storage (FH)

Water Treatment Plant (WTP)

Emergency Diesel Generators (EDG) - 21,22,23

Unit 1 Nuclear (U1N)

Support Facility (SF) - Unit 1 Non-Nuclear systems, ie. RM

Security System (SEC)

House Service Boilers (HSB)

Gas Turbines (GT) - 1,2,3

Condenser Air Removal and Ventilation (CAV)

Chlorination System (CL)

Closed Cooling System (CC)

John D. O'Toole
Vice President

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

June 15, 1983

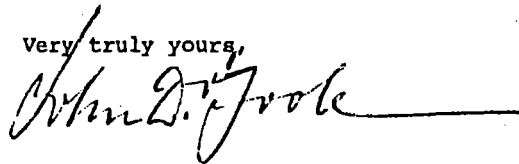
Re: Indian Point Unit No. 2
Docket No. 50-247

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 related
to Indian Point Unit No. 2 for the month of May 1983.

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

Mr. James M. Allan, Acting Regional Administrator
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa. 19406

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

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11