UNIT NAME Indian Point Station Unit No. 2

DATE October 5, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000 Ext. 231 @ I.P.

OPERATING STATUS

1. REPORTING PERIOD: 760901 THROUGH 760930

   GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2758 MWe-NET 864*

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None MWe-NET

4. REASONS FOR RESTRICTIONS (IF ANY):

| | THIS MONTH | YR-TO-DATE | CUMULATIVE TO DATE ** |
|---|---|---|---|
| 5. HOURS REACTOR WAS CRITICAL | 142.5 | 2078.12 | 12469.47 |
| 6. REACTOR RESERVE SHUTDOWN HOURS (5) | 0 | 0 | 0 |
| 7. HOURS GENERATOR ON-LINE | 35.5 | 1922.83 | 11958.71 |
| 8. UNIT RESERVE SHUTDOWN HOURS (6) | 0 | 0 | 0 |
| 9. GROSS THERMAL POWER GENERATED (MWH) | 27803 | 4953413 | 29685159 |
| 10. GROSS ELECTRICAL POWER GENERATED (MWH) | 5846 | 1584686 | 9256276 |
| 11. NET ELECTRICAL POWER GENERATED (MWH) | -4448 | 1497839 | 8810743 |
| 12. REACTOR AVAILABILITY FACTOR (1) | 19.8 | 31.6 | 63.1 |
| 13. PLANT AVAILABILITY FACTOR (2) | 4.9 | 29.2 | 60.5 |
| 14. PLANT CAPACITY FACTOR (3) | 0 | 26.4 | 51.6 |
| 15. FORCED OUTAGE RATE (4) | 54.2 | 7.89 | 8.51 |

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Scheduled 3 day shutdown in December, 1976 for inspection of Bergen-Paterson seismic restraints.

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: -

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

| | DATE LAST FORECAST | DATE ACHIEVED | REASON FOR DIFFERENCE |
|---|---|---|---|
| INITIAL CRITICALITY | | | |
| INITIAL ELECTRICAL POWER GENERATION | | N.A. | |
| COMMERCIAL OPERATION | | | |

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} \times 100$

(5) REACTOR RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE REACTOR WAS REMOVED FROM SERVICE FOR ADMINISTRATIVE OR OTHER REASONS BUT WAS AVAILABLE FOR OPERATION.

(6) UNIT RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE UNIT WAS REMOVED FROM SERVICE FOR ECONOMIC OR SIMILAR REASONS, BUT WAS AVAILABLE FOR OPERATION.

* Maximum Dependable Capacity

** See March, 1975 Report

UNIT Indian Point Unit No. 2

DATE October 5, 1976

COMPLETED BY S. D. Julias
Performance General
Supervisor Tele.#914-694-(
Ext. 231 @ I.P

# DAILY PLANT POWER OUTPUT

MONTH September, 1976

| DAY | AVERAGE DAILY MWe-net | DAY | AVERAGE DAILY MWe-net |
|---|---|---|---|
| 1 | 0 | 25 | 0 |
| 2 | 0 | 26 | 0 |
| 3 | 0 | 27 | 4 |
| 4 | 0 | 28 | 0 |
| 5 | 0 | 29 | 32 |
| 6 | 0 | 30 | 128 |
| 7 | 0 | 31 | - |
| 8 | 0 | | |
| 9 | 0 | | |
| 10 | 0 | | |
| 11 | 0 | | |
| 12 | 0 | | |
| 13 | 0 | | |
| 14 | 0 | | |
| 15 | 0 | | |
| 16 | 0 | | |
| 17 | 0 | | |
| 18 | 0 | | |
| 19 | 0 | | |
| 20 | 0 | | |
| 21 | 0 | | |
| 22 | 0 | | |
| 23 | 0 | | |
| 24 | 0 | | |

Unit returned to service at 1458 hours on Sept. 27, 1976 following refueling and maintenance outage.

UNIT NAME Indian Point Unit No. 2
DATE October 5, 1976
COMPLETED BY S. D. Julias
Performance General Supervisor
Tele.#914-694-6000 Ext. 231 @ I.P.

REPORT MONTH September, 1976

PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|---|---|---|---|---|---|---|
| 125 | 3/30/76 | S | 4335.75* | B&C | A | Unit shutdown for refueling and maintenance |
| 126 | 9/27/76 | F | 1.25 | A | - | Turbine tripped manually due to high turbine vibration indication. Reactor remained critical. |
| 127 | 9/27/76 | F | 40.0 | A | A | Turbine tripped manually preceeding a reactor shutdown due to high packing gland leakage from R.H.R. Valve 731. |
| 128 | 9/30/76 | S | 5.5** | B | C | To check setting of turbine overspeed trip mechanism |

* Total outage duration
** September only. (Outage still in progress)

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM

UNIT NAME Indian Point Unit No. 3

DATE October 5, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000 Ext. 231 @ I.P.

OPERATING STATUS

1. REPORTING PERIOD: 760901 THROUGH 760930

GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2760* MWe-NET 873

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None MWe-NET

4. REASONS FOR RESTRICTIONS (IF ANY):

| | | THIS MONTH | YR-TO-DATE ** | CUMULATIVE TO DATE ** |
|---|---|---|---|---|
| 5. | HOURS REACTOR WAS CRITICAL | 235.5 | 283.5 | 283.5 |
| 6. | REACTOR RESERVE SHUTDOWN HOURS (5) | 0 | 0 | 0 |
| 7. | HOURS GENERATOR ON-LINE | 233.25 | 281.25 | 281.25 |
| 8. | UNIT RESERVE SHUTDOWN HOURS (6) | 0 | 0 | 0 |
| 9. | GROSS THERMAL POWER GENERATED (MWH) | 605492 | 712723 | 712723 |
| 10. | GROSS ELECTRICAL POWER GENERATED (MWH) | 194980 | 226510 | 226510 |
| 11. | NET ELECTRICAL POWER GENERATED (MWH) | 184668 | 214719 | 214719 |
| 12. | REACTOR AVAILABILITY FACTOR (1) | 32.7 | 36.9 | 36.9 |
| 13. | PLANT AVAILABILITY FACTOR (2) | 32.4 | 36.6 | 36.6 |
| 14. | PLANT CAPACITY FACTOR (3) | 29.4 | 32.0 | 32.0 |
| 15. | FORCED OUTAGE RATE (4) | 0 | 0 | 0 |

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10-3-76

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

| | DATE LAST FORECAST | DATE ACHIEVED | REASON FOR DIFFERENCE |
|---|---|---|---|
| INITIAL CRITICALITY | - | 4/6/76 | - |
| INITIAL ELECTRICAL POWER GENERATION | - | 4/25/76 | - |
| COMMERCIAL OPERATION | - | 8/30/76 | - |

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL X GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} \times 100$

(5) REACTOR RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE REACTOR WAS REMOVED FROM SERVICE FOR ADMINISTRATIVE OR OTHER REASONS BUT WAS AVAILABLE FOR OPERATION.

(6) UNIT RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE UNIT WAS REMOVED FROM SERVICE FOR ECONOMIC OR SIMILAR REASONS, BUT WAS AVAILABLE FOR OPERATION.

* Operation at reactor core power levels not in excess of 3025 megawatts thermal authorized for startup testing program.

** Data from start of commercial operation on 8/30/76 @ 0001 hours.

UNIT Indian Point Unit No. 3

DATE October 5, 1976

COMPLETED BY S. D. Julias
Performance General
Supervisor
Tele. #914-694-6000
Ext. 231 @ I.P.

## DAILY PLANT POWER OUTPUT

MONTH September, 1976

| DAY | AVERAGE DAILY MWe-net | DAY | AVERAGE DAILY MWe-net |
|---|---|---|---|
| 1 | 853 | 25 | 0 |
| 2 | 856 | 26 | 0 |
| 3 | 387 | 27 | 0 |
| 4 | 633 | 28 | 0 |
| 5 | 769 | 29 | 0 |
| 6 | 769 | 30 | 0 |
| 7 | 788 | 31 | 0 |
| 8 | 967 | | |
| 9 | 941 | | |
| 10 | 847 | | |
| 11 | 0 | | |
| 12 | 0 | | |
| 13 | 0 | | |
| 14 | 0 | | |
| 15 | 0 | | |
| 16 | 0 | | |
| 17 | 0 | | |
| 18 | 0 | | |
| 19 | 0 | | |
| 20 | 0 | | |
| 21 | 0 | | |
| 22 | 0 | | |
| 23 | 0 | | |
| 24 | 0 | | |

SUMMARY: Maintenance outage extended due to boron injection tank weld repairs.

UNIT NAME Indian Point Unit No. 3
DATE October 5, 1976
COMPLETED BY S. D. Julias
Performance General Supervisor
Tele. #914-694-6000 Ext. 231 @ I.P.

REPORT MONTH September, 1976

PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|---|---|---|---|---|---|---|
| 36 | 9/3/76 | S | 5.25 | B | C | Unit trip for blackout test. |
| 37 | 9/10/76 | S | 481* | B | A | Unit trip manually for maintenance outage |

* Sept. only (Outage still in progress)

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM

William J. Cahill, Jr.
Vice President

(16)

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3819

October 8, 1976

Re: Indian Point Station
Units Nos. 2 & 3
Docket Nos. 50-247
50-286

Director of Nuclear Reactor Regulation
Att: Dr. Ernst Volgenau, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555


Dear Dr. Volgenau

Enclosed you will find 10 copies of the monthly operating report relating to Indian Point Unit Nos. 2 and 3 for the month of September, 1976.

Very truly yours

William J. Cahill, Jr.
Vice President

enc.

Copy to: Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa. 19406

Mr. William G. McDonald (2 copies)
Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555




8/11/2016

10399

UNIT NAME Indian Point Station Unit No. 2

DATE October 5, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000 Ext. 231 @ I.P.

OPERATING STATUS

1. REPORTING PERIOD: 760901 THROUGH 760930
   GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2758 MWe-NET 864*
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None MWe-NET
4. REASONS FOR RESTRICTIONS (IF ANY):

| | | THIS MONTH | YR-TO-DATE | CUMULATIVE TO DATE ** |
|---|---|---|---|---|
| 5. | HOURS REACTOR WAS CRITICAL | 142.5 | 2078.12 | 12469.47 |
| 6. | REACTOR RESERVE SHUTDOWN HOURS (5) | 0 | 0 | 0 |
| 7. | HOURS GENERATOR ON-LINE | 35.5 | 1922.83 | 11958.71 |
| 8. | UNIT RESERVE SHUTDOWN HOURS (6) | 0 | 0 | 0 |
| 9. | GROSS THERMAL POWER GENERATED (MWH) | 27803 | 4953413 | 29685159 |
| 10. | GROSS ELECTRICAL POWER GENERATED (MWH) | 5846 | 1584686 | 9256276 |
| 11. | NET ELECTRICAL POWER GENERATED (MWH) | -4448 | 1497839 | 8810743 |
| 12. | REACTOR AVAILABILITY FACTOR (1) | 19.8 | 31.6 | 63.1 |
| 13. | PLANT AVAILABILITY FACTOR (2) | 4.9 | 29.2 | 60.5 |
| 14. | PLANT CAPACITY FACTOR (3) | 0 | 26.4 | 51.6 |
| 15. | FORCED OUTAGE RATE (4) | 54.2 | 7.89 | 8.51 |

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Scheduled 3 day shutdown in December, 1976 for inspection of Bergen-Paterson seismic restraints.

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: -

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

| | DATE LAST FORECAST | DATE ACHIEVED | REASON FOR DIFFERENCE |
|---|---|---|---|
| INITIAL CRITICALITY | | | |
| INITIAL ELECTRICAL POWER GENERATION | | N.A. | |
| COMMERCIAL OPERATION | | | |

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL X GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} \times 100$

(5) REACTOR RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE REACTOR WAS REMOVED FROM SERVICE FOR ADMINISTRATIVE OR OTHER REASONS BUT WAS AVAILABLE FOR OPERATION.

(6) UNIT RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE UNIT WAS REMOVED FROM SERVICE FOR ECONOMIC OR SIMILAR REASONS, BUT WAS AVAILABLE FOR OPERATION.

* Maximum Dependable Capacity

** See March, 1975 Report

8111201655

UNIT Indian Point Unit No. 2

DATE October 5, 1976

COMPLETED BY S. D. Julias
Performance General
Supervisor Tele.#914-694-(
Ext. 231 @ I.P

# DAILY PLANT POWER OUTPUT

MONTH September, 1976

| DAY | AVERAGE DAILY MWe-net | DAY | AVERAGE DAILY MWe-net |
|---|---|---|---|
| 1 | 0 | 25 | 0 |
| 2 | 0 | 26 | 0 |
| 3 | 0 | 27 | 4 |
| 4 | 0 | 28 | 0 |
| 5 | 0 | 29 | 32 |
| 6 | 0 | 30 | 128 |
| 7 | 0 | 31 | - |
| 8 | 0 | | |
| 9 | 0 | | |
| 10 | 0 | | |
| 11 | 0 | | |
| 12 | 0 | | |
| 13 | 0 | | |
| 14 | 0 | | |
| 15 | 0 | | |
| 16 | 0 | | |
| 17 | 0 | | |
| 18 | 0 | | |
| 19 | 0 | | |
| 20 | 0 | | |
| 21 | 0 | | |
| 22 | 0 | | |
| 23 | 0 | | |
| 24 | 0 | | |

Unit returned to service at 1458 hours on Sept. 27, 1976 following refueling and maintenance outage.

UNIT NAME Indian Point Unit No. 2
DATE October 5, 1976
COMPLETED BY S. D. Julias
Performance General Supervisor
Tele.#914-694-6000 Ext. 231 @ I.P.

REPORT MONTH September, 1976

PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|---|---|---|---|---|---|---|
| 125 | 3/30/76 | S | 4335.75* | B&C | A | Unit shutdown for refueling and maintenance |
| 126 | 9/27/76 | F | 1.25 | A | - | Turbine tripped manually due to high turbine vibration indication. Reactor remained critical. |
| 127 | 9/27/76 | F | 40.0 | A | A | Turbine tripped manually preceeding a reactor shutdown due to high packing gland leakage from R.H.R. Valve 731. |
| 128 | 9/30/76 | S | 5.5** | B | C | To check setting of turbine overspeed trip mechanism |

* Total outage duration
** September only. (Outage still in progress)

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM

UNIT NAME Indian Point Unit No. 3

DATE October 5, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000 Ext. 231 @ I.P.

OPERATING STATUS

1. REPORTING PERIOD: 760901 THROUGH 760930

   GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2760* MWe-NET 873

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None MWe-NET

4. REASONS FOR RESTRICTIONS (IF ANY):

| | | THIS MONTH | YR-TO-DATE ** | CUMULATIVE TO DATE ** |
|---|---|---|---|---|
| 5. | HOURS REACTOR WAS CRITICAL | 235.5 | 283.5 | 283.5 |
| 6. | REACTOR RESERVE SHUTDOWN HOURS (5) | 0 | 0 | 0 |
| 7. | HOURS GENERATOR ON-LINE | 233.25 | 281.25 | 281.25 |
| 8. | UNIT RESERVE SHUTDOWN HOURS (6) | 0 | 0 | 0 |
| 9. | GROSS THERMAL POWER GENERATED (MWH) | 605492 | 712723 | 712723 |
| 10. | GROSS ELECTRICAL POWER GENERATED (MWH) | 194980 | 226510 | 226510 |
| 11. | NET ELECTRICAL POWER GENERATED (MWH) | 184668 | 214719 | 214719 |
| 12. | REACTOR AVAILABILITY FACTOR (1) | 32.7 | 36.9 | 36.9 |
| 13. | PLANT AVAILABILITY FACTOR (2) | 32.4 | 36.6 | 36.6 |
| 14. | PLANT CAPACITY FACTOR (3) | 29.4 | 32.0 | 32.0 |
| 15. | FORCED OUTAGE RATE (4) | 0 | 0 | 0 |

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10-3-76

18. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

| | DATE LAST FORECAST | DATE ACHIEVED | REASON FOR DIFFERENCE |
|---|---|---|---|
| INITIAL CRITICALITY | - | 4/6/76 | - |
| INITIAL ELECTRICAL POWER GENERATION | - | 4/25/76 | - |
| COMMERCIAL OPERATION | - | 8/30/76 | - |

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL X GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} \times 100$

(5) REACTOR RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE REACTOR WAS REMOVED FROM SERVICE FOR ADMINISTRATIVE OR OTHER REASONS BUT WAS AVAILABLE FOR OPERATION.

(6) UNIT RESERVE SHUTDOWN HOURS = THE DURATION IN HOURS THAT THE UNIT WAS REMOVED FROM SERVICE FOR ECONOMIC OR SIMILAR REASONS, BUT WAS AVAILABLE FOR OPERATION.

* Operation at reactor core power levels not in excess of 3025 megawatts thermal authorized for startup testing program.

** Data from start of commercial operation on 8/30/76 @ 0001 hours.

UNIT Indian Point Unit No. 3

DATE October 5, 1976

COMPLETED BY S. D. Julias
Performance General
Supervisor
Tele. #914-694-6000
Ext. 231 @ I.P.

## DAILY PLANT POWER OUTPUT

MONTH September, 1976

| DAY | AVERAGE DAILY MWe-net | DAY | AVERAGE DAILY MWe-net |
|---|---|---|---|
| 1 | 853 | 25 | 0 |
| 2 | 856 | 26 | 0 |
| 3 | 387 | 27 | 0 |
| 4 | 633 | 28 | 0 |
| 5 | 769 | 29 | 0 |
| 6 | 769 | 30 | 0 |
| 7 | 788 | 31 | 0 |
| 8 | 967 | | |
| 9 | 941 | | |
| 10 | 847 | | |
| 11 | 0 | | |
| 12 | 0 | | |
| 13 | 0 | | |
| 14 | 0 | | |
| 15 | 0 | | |
| 16 | 0 | | |
| 17 | 0 | | |
| 18 | 0 | | |
| 19 | 0 | | |
| 20 | 0 | | |
| 21 | 0 | | |
| 22 | 0 | | |
| 23 | 0 | | |
| 24 | 0 | | |

SUMMARY: Maintenance outage extended due to boron injection tank weld repairs.

UNIT NAME Indian Point Unit No. 3
DATE October 5, 1976
COMPLETED BY S. D. Julias
Performance General Supervisor
Tele. #914-694-6000 Ext. 231 @ I.P.

REPORT MONTH September, 1976

PLANT SHUTDOWNS

| | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|---|---|---|---|---|---|---|
| 36 | 9/3/76 | S | 5.25 | B | C | Unit trip for blackout test. |
| 37 | 9/10/76 | S | 481* | B | A | Unit trip manually for maintenance outage |

* Sept. only (Outage still in progress)

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM