

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 11-1-81
 COMPLETED BY C. Connell
 TELEPHONE (914) 739-8200

OPERATING STATUS

Notes

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: October 1981
3. Licensed Thermal Power (MWt): 3025
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 926
7. Maximum Dependable Capacity (Net MWe): 891
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): NA
10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cumulative |
|---|------------|------------------|-------------------|
| 11. Hours In Reporting Period | <u>745</u> | <u>7296</u> | <u>45,337</u> |
| 12. Number Of Hours Reactor Was Critical | <u>0</u> | <u>4469.2</u> | <u>31,219.2</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours Generator On-Line | <u>0</u> | <u>4381.6</u> | <u>30,084.7</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>0</u> | <u>9,048,940</u> | <u>76,680,210</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>0</u> | <u>2,505,960</u> | <u>24,097,461</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>0</u> | <u>2,364,707</u> | <u>23,078,867</u> |
| 19. Unit Service Factor | <u>0</u> | <u>60.1</u> | <u>66.4</u> |
| 20. Unit Availability Factor | <u>0</u> | <u>60.1</u> | <u>66.4</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>0</u> | <u>36.4</u> | <u>57.1</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>0</u> | <u>33.6</u> | <u>52.8</u> |
| 23. Unit Forced Outage Rate | <u>100</u> | <u>56.0</u> | <u>13.8</u> |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage scheduled for February 1982

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

| 26. Units In Test Status (Prior to Commercial Operation): | Forecast | Achieved |
|---|------------|------------|
| INITIAL CRITICALITY | <u>N/A</u> | <u>N/A</u> |
| INITIAL ELECTRICITY | <u>N/A</u> | <u>N/A</u> |
| COMMERCIAL OPERATION | <u>N/A</u> | <u>N/A</u> |

8111180228 811113
 PDR ADOCK 05000286
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Point
No. 3

DATE 11-1-81

COMPLETED BY C. Connell

TELEPHONE 914-739-8200

MONTH October 1981

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|---|
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|---|
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |

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 1981

DOCKET NO. 50-286
 UNIT NAME Indian Point No. 3
 DATE 11-1-81
 COMPLETED BY C. Connell
 TELEPHONE 914-739-8200

| 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 |
|--------------|--------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|--|
| 08B Cont. | 810923 | F | 745 | A | 4 | 81-007/01T-0 | CB | HTEXCH | #31 Steam Generator Tube Leak. Eddy Current Inspection and plugging of defective tubes in all Steam Generators. Method of Shutting Down (other) criticality was never achieved. While in Hot Shutdown, a primary to secondary leak was discovered and the unit was returned to Cold Shutdown. |

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 F - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit H - Same Source

MONTHLY I & C CATEGORY I REPORT

October 81

Month

| DATE | W.R. # | EQUIPMENT | MALFUNCTION | CORRECTIVE ACTION |
|---------|--------------|--|--|------------------------------------|
| 9-30-81 | IC-1-1307-02 | Gross Failed Fuel Detector | Indication failed high on Gamma detector | Replaced GM Tube in Gamma Detector |
| 9-30-81 | IC-1-1427-02 | RI5, Air Ejector Process Radiation Monitor | Background reading above normal | Cleaned & dried detector GM Tube. |
| 9-30-81 | IC-1-1449-02 | Reactor Protection Train "A" | RT-2A Relay Coil Open | Replaced RT-2A Relay |
| 9-30-81 | IC-1-1469-02 | Seismic instrument SMA-2 46' Elev. Monitor | Low Battery | Replaced Battery |

MONTHLY MAINTENANCE REPORT

September/October 1981

Month

| DATE | W.R. # | EQUIPMENT | MALFUNCTION | CORRECTIVE ACTION |
|------|--------|--|----------------------------|---------------------------|
| 9-28 | I-2333 | #33 Zurn Stainer | Gasket Leak | Replaced Gasket |
| 9-27 | I-2341 | #35 Service Water Pump Discharge Vlv. | Valve Leaked Through | Replaced Liner |
| 9-27 | I-2337 | MOV-535, 536 | Excessive Packing Leak | Repacked |
| 9-27 | I-2141 | #31 Service Water Pump Motor | High Motor Vibration | Replaced Motor |
| 9-17 | I-2298 | 1890G Post Accident Return Valve | Diaphragm Leaks | Replaced Diaphragm |
| 9-17 | I-2265 | #31 Charging Pump | Pressure Switch Inoperable | Replaced Switch |
| 9-16 | I-2309 | CVCS Line #42 | Weld Leak | Rewelded |
| 9-16 | I-2214 | CVCS Line #19 Emerg. Repair | Weld Leak | Rewelded |
| 9-16 | I-2181 | Valve MS-1-31 | Operator Inoperable | Replaced Operator |
| 9-11 | I-2301 | #31 Steam Generator Manway | Gasket Leak | Replaced Gasket |
| 9-22 | I-2161 | CVCS Valve 202 | Excessive Packing Leak | Repacked |
| 9-10 | I-2299 | RCS Valve 204B | Excessive Packing Leak | Repacked |
| 9-11 | I-2302 | #34 Steam Generator | Gasket Leak | Replaced Gasket |
| 9-14 | I-2318 | MOV-536 | Valve Inoperable | Rebuilt Operator |
| 9-10 | I-2162 | CVCS Valve 227 | Excessive Packing Leak | Repacked |
| 9-16 | I-2310 | CVCS Line #44 | Weld Leak | Rewelded |
| 9-18 | I-2167 | Atmospheric Dump Valves | Valves Leaked Through | Overhauled/Rebuilt Valves |
| 9-16 | I-1803 | Containment Press. Switches | Switch on 1197S Inoperable | Replaced Switch |
| 9-08 | I-2285 | #32 Service Water Pump | Excessive Packing Leak | Repacked |
| 9-19 | I-2168 | #33 Component Cooling Pump | Mechanical Seal Leak | Overhauled Pump |
| 9-18 | I-2307 | SOV-1278 | Solenoid Defective | Replaced Solenoid |

SUMMARY OF OPERATING EXPERIENCE

Indian Point Unit 3 was shutdown for the entire reporting period to inspect and repair steam generator tubes as a result of a leak in No.31 Steam Generator.

During the course of this reporting period, an extensive eddy current inspection program was performed. In addition, four sections of tubes were removed from No. 31 steam generator for laboratory analysis, sludge lancing was performed on the secondary side of all steam generators and a sludge profile was performed on No. 31 steam generator. A total of 367 tubes were plugged in all steam generators as a result of defects identified in the cold leg tubes.