

UNIT NAME Indian Point Unit No. 2DATE December 3, 1975

Regulatory Docket File

COMPLETED BY S.D. Julias

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

## OPERATING STATUS

1. REPORTING PERIOD: 0000,751101 THROUGH 2359,751130GROSS HOURS IN REPORTING PERIOD: 7202. CURRENTLY AUTHORIZED POWER LEVEL MWe 2758 MWe-NET 864\*3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None MWe-NET

4. REASONS FOR RESTRICTIONS (IF ANY):

|                                                      | THIS<br>MONTH  | YR-TO-DATE      | CUMULATIVE **<br>TO DATE |
|------------------------------------------------------|----------------|-----------------|--------------------------|
| 5. HOURS REACTOR WAS CRITICAL . . . . .              | <u>665.75</u>  | <u>6067.13</u>  | <u>9657.68</u>           |
| 6. REACTOR RESERVE SHUTDOWN HOURS (5) . . . . .      | <u>0</u>       | <u>0</u>        | <u>0</u>                 |
| 7. HOURS GENERATOR ON-LINE . . . . .                 | <u>643.83</u>  | <u>5836.95</u>  | <u>9322.45</u>           |
| 8. UNIT RESERVE SHUTDOWN HOURS (6) . . . . .         | <u>0</u>       | <u>0</u>        | <u>0</u>                 |
| 9. GROSS THERMAL POWER GENERATED (MWH) . . . . .     | <u>1509221</u> | <u>14610868</u> | <u>22891040</u>          |
| 10. GROSS ELECTRICAL POWER GENERATED (MWH) . . . . . | <u>463820</u>  | <u>4523630</u>  | <u>7075450</u>           |
| 11. NET ELECTRICAL POWER GENERATED (MWH) . . . . .   | <u>442458</u>  | <u>4313267</u>  | <u>6741092</u>           |
| 12. REACTOR AVAILABILITY FACTOR (1) . . . . .        | <u>92.5</u>    | <u>75.7</u>     | <u>77.7</u>              |
| 13. PLANT AVAILABILITY FACTOR (2) . . . . .          | <u>89.4</u>    | <u>72.8</u>     | <u>75.0</u>              |
| 14. PLANT CAPACITY FACTOR (3) . . . . .              | <u>71.1</u>    | <u>62.3</u>     | <u>62.8</u>              |
| 15. FORCED OUTAGE RATE (4) . . . . .                 | <u>3.34</u>    | <u>8.95</u>     | <u>8.61</u>              |

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND

DURATION OF EACH): Scheduled 3 day shutdown in March, 1976 for inspection of Bergen-Paterson seismic restraints. Scheduled 8 week shutdown March 28, 1976 for refueling.

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<br>FORECAST | DATE<br>ACHIEVED | REASON FOR<br>DIFFERENCE |
|----------------------------------------|-----------------------|------------------|--------------------------|
| INITIAL CRITICALITY                    | _____                 | _____            | _____                    |
| INITIAL ELECTRICAL<br>POWER GENERATION | _____                 | <u>N/A</u>       | _____                    |
| 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 =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$ 

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

8111120302 751208  
PDR ADOCK 05000247  
R PDR

Summary: Load reductions due to environmental considerations and conventional plant equipment problems adversely affected the plant capacity factor.

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REPORT MONTH November, 1975

# PLANT SHUTDOWNS

| UO  | DATE     | TYPE<br>F-FORCED<br>S-SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR. (2) | COMMENTS                                                                                                             |
|-----|----------|---------------------------------|---------------------|------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NA  | 11/4/75  | N/A                             | N/A                 | N/A        | N/A                                            | Load restriction due to high fish count.                                                                             |
| NA  | 11/5/75  | N/A                             | N/A                 | N/A        | N/A                                            | Load restriction due to high fish count.                                                                             |
| 104 | 11/9/75  | F                               | 3.2                 | A          | C                                              | Unit tripped due to #24 S/G Lo-Level mismatch.                                                                       |
| NA  | 11/11/75 | N/A                             | N/A                 | N/A        | N/A                                            | Load reduction to repair thermocouples on drain line to reheater drain tanks.                                        |
| 105 | 11/14/75 | S                               | 54.9                | B          | A                                              | Unit taken off to replace two defective Control Rod Drive Mechanisms Cooling Fans.                                   |
| 106 | 11/17/75 | F                               | 1.0                 | A          | C                                              | Unit tripped due to Hi Level #21 S/G.                                                                                |
| 107 | 11/17/75 | F                               | .6                  | A          | *                                              | Turbine trip due to Hi Level #22 S/G.                                                                                |
| 108 | 11/17/75 | F                               | .6                  | A          | *                                              | Turbine trip due to Hi Level #22 S/G.                                                                                |
| 109 | 11/27/75 | F                               | 9.9                 | A          | C                                              | Unit tripped due to #24 S/G Mismatch caused by control failure of No. 22 heater drain tank pump level control valve. |

\* Reactor remained critical during outage.

## (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

Summary: Load reductions due to environmental considerations and conventional plant equipment problems adversely affected the plant capacity factor.

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## PLANT SHUTDOWNS

| NO. | DATE     | TYPE<br>F-FORCED<br>S-SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR. (2) | COMMENTS                                    |
|-----|----------|---------------------------------|---------------------|------------|------------------------------------------------|---------------------------------------------|
| 110 | 11/28/75 | F                               | 1.4                 | A          | C                                              | Unit tripped due to #21 S/G SF/WF Mismatch. |
| 111 | 11/28/75 | F                               | 5.4                 | A          | C                                              | Unit tripped due to #24 S/G SF/WF Mismatch. |
|     |          |                                 |                     |            |                                                |                                             |

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F-ADMINISTRATIVE  
G-OPERATIONAL ERROR  
(EXPLAIN)

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

ENCLOSURE A

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DAILY PLANT POWER OUTPUT

MONTH November, 1975

| <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> | <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> |
|------------|------------------------------|------------|------------------------------|
| 1          | <u>823</u>                   | 25         | <u>853</u>                   |
| 2          | <u>838</u>                   | 26         | <u>854</u>                   |
| 3          | <u>802</u>                   | 27         | <u>781</u>                   |
| 4          | <u>522</u>                   | 28         | <u>195</u>                   |
| 5          | <u>352</u>                   | 29         | <u>846</u>                   |
| 6          | <u>780</u>                   | 30         | <u>849</u>                   |
| 7          | <u>835</u>                   | 31         | <u>-</u>                     |
| 8          | <u>830</u>                   |            |                              |
| 9          | <u>557</u>                   |            |                              |
| 10         | <u>631</u>                   |            |                              |
| 11         | <u>431</u>                   |            |                              |
| 12         | <u>636</u>                   |            |                              |
| 13         | <u>643</u>                   |            |                              |
| 14         | <u>484</u>                   |            |                              |
| 15         | <u>0</u>                     |            |                              |
| 16         | <u>0</u>                     |            |                              |
| 17         | <u>452</u>                   |            |                              |
| 18         | <u>648</u>                   |            |                              |
| 19         | <u>655</u>                   |            |                              |
| 20         | <u>481</u>                   |            |                              |
| 21         | <u>627</u>                   |            |                              |
| 22         | <u>514</u>                   |            |                              |
| 23         | <u>688</u>                   |            |                              |
| 24         | <u>853</u>                   |            |                              |