

UNIT NAME Indian Point Unit No. 2
 DATE August , 1977
 COMPLETED BY Lawrence J. Kawula (Test & Performance Engineer)

OPERATING STATUS

1. REPORTING PERIOD: 770701 THROUGH 770731
 GROSS HOURS IN REPORTING PERIOD: 744
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	<u>24.65</u>	<u>3279.88</u>	<u>16918.52</u>
6. REACTOR RESERVE SHUTDOWN HOURS (5)	<u>-</u>	<u>-</u>	<u>-</u>
7. HOURS GENERATOR ON-LINE	<u>23.32</u>	<u>3231.49</u>	<u>16323.97</u>
8. UNIT RESERVE SHUTDOWN HOURS (6)	<u>-</u>	<u>-</u>	<u>-</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>64772</u>	<u>8568327</u>	<u>40902624</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>19880</u>	<u>2680560</u>	<u>12751376</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>16503</u>	<u>2559045</u>	<u>12139603</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>3.3</u>	<u>64.5</u>	<u>62.5</u>
13. PLANT AVAILABILITY FACTOR (2)	<u>3.1</u>	<u>63.5</u>	<u>60.4</u>
14. PLANT CAPACITY FACTOR (3)	<u>2.6</u>	<u>58.2</u>	<u>51.9</u>
15. FORCED OUTAGE RATE (4)	<u>96.87</u>	<u>21.28</u>	<u>11.00</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Refueling outage scheduled for early, 1978.

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 8/7/77

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

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	<u> </u>	<u> </u>	<u> </u>
INITIAL ELECTRICAL POWER GENERATION	<u> </u>	<u>NA</u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>	<u> </u>

- (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

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 PDR ADCK 05000247
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