

UNIT NAME Indian Point Unit No. 2
 DATE January 7, 1975
 COMPLETED BY S. D. Julias
Performance General Supervisor Tele. #914-592-9010
 OPERATING STATUS Ext. 231 @ I.P.

1. REPORTING PERIOD: 0000,741201 THROUGH 2359,741231
 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 2758 MWe-NET 873
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 803 MWe-NET
4. REASONS FOR RESTRICTIONS (IF ANY):
Loss of circulating water flow through main turbine generator condensers. No restrictions on reactor power level.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>696.6</u>	<u>5434.9</u>	<u>6688.3</u>
6. REACTOR RESERVE SHUTDOWN HOURS (5)	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>689.3</u>	<u>5207.05</u>	<u>6079.05</u>
8. UNIT RESERVE SHUTDOWN HOURS (6)	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>1790241</u>	<u>11462056</u>	<u>12554344</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>535000</u>	<u>3526340</u>	<u>3848080</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>512739</u>	<u>3324048</u>	<u>3600029</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>93.6</u>	<u>62.0</u>	<u>53.8</u>
13. PLANT AVAILABILITY FACTOR (2)	<u>92.7</u>	<u>59.4</u>	<u>48.9</u>
14. PLANT CAPACITY FACTOR (3)	<u>78.9</u>	<u>43.5</u>	<u>33.2</u>
15. FORCED OUTAGE RATE (4)	<u>1.2</u>	<u>27.7</u>	<u>40.0</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Scheduled shutdown of approximately 4 days in January and 2 days in February to inspect and replace seismic restraints. Scheduled three week shutdown in January for AVT

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	<u>/</u>	<u>/</u>	<u>/</u>
INITIAL ELECTRICAL POWER GENERATION	<u>/</u>	<u>N.A.</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.

16. Cont'd. changeover postponed until April.

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 PDR ADOCK 05000247
 R PDR

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DAILY PLANT POWER OUTPUT

MONTH December, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>769</u>	25	<u>759</u>
2	<u>642</u>	26	<u>615</u>
3	<u>730</u>	27	<u>469</u>
4	<u>715</u>	28	<u>674</u>
5	<u>808</u>	29	<u>761</u>
6	<u>755</u>	30	<u>733</u>
7	<u>0</u>	31	<u>685</u>
8	<u>0</u>		
9	<u>682</u>		
10	<u>807</u>		
11	<u>808</u>		
12	<u>763</u>		
13	<u>820</u>		
14	<u>786</u>		
15	<u>542</u>		
16	<u>744</u>		
17	<u>799</u>		
18	<u>775</u>		
19	<u>773</u>		
20	<u>770</u>		
21	<u>814</u>		
22	<u>813</u>		
23	<u>774</u>		
24	<u>809</u>		

SUMMARY: Highest gross electrical generation and plant capacity factor achieved during report month since initial operation.

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REPORT MONTH December, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
59	12/2/74	F	2.3	A	C	#21 Steam Generator SF/WF mismatch with low level.
60	12/3/74	F	1.4	A	C	Low drum level on #23 Steam Generator.
61	12/6/74	S	46.5	B	A	Inspection of seismic restraints.
62	12/8/74	F	1.1	A	C	#21 Steam Generator SF/WF mismatch with low level.
63	12/15/74	F	3.5	A	C	#21 Steam Generator SF/WF mismatch with low level.
N/A	12/27/74	N/A	N/A	N/A	N/A	Load reduction due to outage of No. 22 heater drain pump for repairs.

(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