

UNIT NAME Indian Point Unit No. 2

DATE June 7, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000

OPERATING STATUS

Ext. 231 @ I.P.

1. REPORTING PERIOD: 760501 THROUGH 760531

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 . . . . .	0	1935.62	12326.97
6. REACTOR RESERVE SHUTDOWN HOURS (5) . . . . .	0	0	0
7. HOURS GENERATOR ON-LINE . . . . .	0	1887.33	11923.21
8. UNIT RESERVE SHUTDOWN HOURS (6) . . . . .	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH) . . . . .	0	4925610	29657356
10. GROSS ELECTRICAL POWER GENERATED (MWH) . . . . .	0	1578840	9250430
11. NET ELECTRICAL POWER GENERATED (MWH) . . . . .	-1939	1508899	8821803
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	0	53.1	73.3
13. PLANT AVAILABILITY FACTOR (2) . . . . .	0	51.8	70.9
14. PLANT CAPACITY FACTOR (3) . . . . .	0	47.9	60.7
15. FORCED OUTAGE RATE (4) . . . . .	0	6.11	8.24

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

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: July 18, 1976

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	_____	NA	_____
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

811120222 760610  
 PDR ADDCK 05000247  
 R PDR

SUMMARY: Unit shutdown on March 30, 1976 for scheduled eight week outage for maintenance and refueling.

UNIT NAME Indian Point Unit No. 2

DATE June 7, 1976

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

REPORT MONTH May, 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	*	C	A	Unit shutdown for refueling.

- (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

\* Outage Continuing

UNIT Indian Point Unit No. 2

DATE June 7, 1976

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

DAILY PLANT POWER OUTPUT

MONTH May, 1976

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

UNIT NAME Indian Point Unit No. 3

DATE July 7, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor Tele. #914-694-6000

OPERATING STATUS

Ext. 231 @ I.P.

- 1. REPORTING PERIOD: 760501 THROUGH 760531  
GROSS HOURS IN REPORTING PERIOD: 744
- 2. CURRENTLY AUTHORIZED POWER LEVEL MWe 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 . . . . .	<u>572.25</u>	<u>947.00</u>	<u>947.00</u>
6. REACTOR RESERVE SHUTDOWN HOURS (5) . . . . .	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE . . . . .	<u>422.75</u>	<u>474.75</u>	<u>474.75</u>
8. UNIT RESERVE SHUTDOWN HOURS (6) . . . . .	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH) . . . . .	<u>621869</u>	<u>**</u>	<u>**</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH) . . . . .	<u>181170</u>	<u>183520</u>	<u>183520</u>
11. NET ELECTRICAL POWER GENERATED (MWH) . . . . .	<u>161240</u>	<u>146281</u>	<u>146281</u>
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>76.9</u>	<u>NA</u>	<u>NA</u>
13. PLANT AVAILABILITY FACTOR (2) . . . . .	<u>60.9</u>	<u>NA</u>	<u>NA</u>
14. PLANT CAPACITY FACTOR (3) . . . . .	<u>24.8</u>	<u>NA</u>	<u>NA</u>
15. FORCED OUTAGE RATE (4) . . . . .	<u>39.1</u>	<u>NA</u>	<u>NA</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Scheduled 3 day shutdown in September, 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	<u>-</u>	<u>4/6/76</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>4/25/76</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.

\* Operation at Reactor Core Power Levels not in excess of 3025 megawatts thermal authorized for startup testing program.

\*\* To be calculated at a later date.

## SUMMARY:

Start-Up Testing in Progress

UNIT NAME Indian Point Unit No. 3DATE June 7, 1976COMPLETED BY S. D. Julias  
Performance General Supervisor  
Tele. #914-694-6000  
Ext. 231 @ I.P.REPORT MONTH May, 1976

## PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	4/29/76	F	34.5	A	A	Turbine trip only - Hi-Level #32 S/G. Reactor manual shutdown after trip.
2	5/5/76	F	12.0	A	C	Unit trip - Hi-Level #33 S/G.
3	5/13/76	F	5.5	A	C	Unit trip - Loss of excitation.
4	5/15/76	F	199.0	B	A	
5	5/24/76	F	2.0	B	A	
6	5/30/76	F	44.25	A	A	Unit tripped to repair steam leak on 31B Reheater.

(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 Indian Point Unit No. 3

DATE June 7, 1976

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DAILY PLANT POWER OUTPUT

MONTH May, 1976

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>0</u>	25	<u>542</u>
2	<u>84</u>	26	<u>656</u>
3	<u>179</u>	27	<u>658</u>
4	<u>192</u>	28	<u>656</u>
5	<u>154</u>	29	<u>648</u>
6	<u>145</u>	30	<u>209</u>
7	<u>219</u>	31	<u>0</u>
8	<u>219</u>		
9	<u>217</u>		
10	<u>330</u>		
11	<u>353</u>		
12	<u>355</u>		
13	<u>246</u>		
14	<u>364</u>		
15	<u>125</u>		
16	<u>0</u>		
17	<u>0</u>		
18	<u>0</u>		
19	<u>0</u>		
20	<u>0</u>		
21	<u>0</u>		
22	<u>0</u>		
23	<u>52</u>		
24	<u>314</u>		