

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

UNIT NAME Indian Point Unit No. 2

DATE September 3, 1976

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

REPORT MONTH August, 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.

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(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. 2DATE September 3, 1976COMPLETED BY S. D. Julias
Performance General
Supervisor
Tele. #914-694-6000
Ext. 231 @ I.P.DAILY PLANT POWER OUTPUTMONTH August, 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 September 3, 1976
 COMPLETED BY S. D. Julias
 Performance General Supervisor Tele. #914-694-6000 Ext. 231 @ I.P.
 OPERATING STATUS

1. REPORTING PERIOD: 760801 THROUGH 760831
 GROSS HOURS IN REPORTING PERIOD: 744
 2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 2760* MWe-NET 873
 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): MWe-NET
 4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>714.5</u>	<u>2877.75</u>	<u>2877.75</u>
6. REACTOR RESERVE SHUTDOWN HOURS (5)	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>637.25</u>	<u>2218.25</u>	<u>2218.25</u>
8. UNIT RESERVE SHUTDOWN HOURS (6)	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MMH)	<u>***</u>	<u>***</u>	<u>***</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>437080</u>	<u>1314780</u>	<u>1314780</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>414581*</u>	<u>1213714</u>	<u>1213714</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u> </u>	<u> </u>	<u> </u>
13. PLANT AVAILABILITY FACTOR (2)	<u> </u>	<u> </u>	<u> </u>
14. PLANT CAPACITY FACTOR (3)	<u> </u>	<u>***</u>	<u> </u>
15. FORCED OUTAGE RATE (4)	<u> </u>	<u> </u>	<u> </u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):			

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>8/30/76</u>	<u>-</u>

REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
 PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
 PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
 FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$
 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.
 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.
 *** Unit declared commercial at 0001 hours on August 30, 1976. Statistics for September, 1976 will include August 30-31, 1976 data.

SUMMARY: Unit declared commercial at 0001 hours on 8-30-76.

UNIT NAME Indian Point Unit No. 3

DATE September 3, 1976

COMPLETED BY S. D. Julias

Performance General Supervisor

Tele. # 914-694-6000

Ext. 231 @ I.P.

REPORT MONTH August, 1976

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
29	8/1/76	F	33.0	A	A	Unit taken off line due to condenser leakage and high CL.
30	8/5/76	F	2.5	A	C	Unit trip due to Brk. #3 opening.
NA	8/11/76	NA	NA	B	NA	Power reduction due to high chlorides in condensate
31	8/20/76	F	11.25	A	C	Unit trip due to low-level #31 S/G
32	8/21/76	F	30.25	A	C	Unit trip during load drop tests, due to low-level #33 S/G
33	8/25/76	F	3.0	G	C	Unit trip due to vibration trip while putting vibration trips back in service
34	8/27/76	S	10.0	A	*	Turbine tripped manually due to iso-phase bus duct problems.
35	8/29/76	S	16.75	A	*	Turbine tripped manually due to iso-phase bus duct 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

* Reactor remained critical.

UNIT Indian Point Unit No. 3DATE September 3, 1976COMPLETED BY S. D. Julias
Performance General
Supervisor
Tele. #914-694-6000
Ext. 231 @ I.P.DAILY PLANT POWER OUTPUTMONTH August, 1976

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>207</u>	25	<u>685</u>
2	<u>116</u>	26	<u>327</u>
3	<u>686</u>	27	<u>179</u>
4	<u>693</u>	28	<u>342</u>
5	<u>546</u>	29	<u>45</u>
6	<u>768</u>	30	<u>525</u>
7	<u>769</u>	31	<u>727</u>
8	<u>654</u>		
9	<u>732</u>		
10	<u>759</u>		
11	<u>525</u>		
12	<u>727</u>		
13	<u>673</u>		
14	<u>769</u>		
15	<u>769</u>		
16	<u>766</u>		
17	<u>739</u>		
18	<u>769</u>		
19	<u>680</u>		
20	<u>241</u>		
21	<u>72</u>		
22	<u>247</u>		
23	<u>769</u>		
24	<u>769</u>		