UNIT NAME Indian Point Unit No. 2

DATE July 6, 1976

COMPLETED BY S. D. Julias

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

OPERATING STATUS

1. REPORTING PERIOD: 760601 THROUGH 760630

GROSS HOURS IN REPORTING PERIOD: 720

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)	-1755	1507144	8820048
12. REACTOR AVAILABILITY FACTOR (1)	0	44.3	70.3
13. PLANT AVAILABILITY FACTOR (2)	0	43.2	68.0
14. PLANT CAPACITY FACTOR (3)	0	39.9	58.2
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 26, 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

8111120213 760709
PDR ADOCK 05000247
R PDR

ENCLOSURE A

UNIT Indian Point Unit No. 2

DATE July 6, 1976

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

DAILY PLANT POWER OUTPUT

MONTH June, 1976

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

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

UNIT NAME Indian Point Unit No. 2

DATE July 6, 1976

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

REPORT MONTH June, 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 NAME India Point Unit No. 3

DATE July 6, 1976

COMPLETED BY S. D. Julias

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

OPERATING STATUS

1. REPORTING PERIOD: 760601 THROUGH 760630

GROSS HOURS IN REPORTING PERIOD: 720

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	618.25	1565.25	1565.25
6. REACTOR RESERVE SHUTDOWN HOURS (5)	0	0	0
7. HOURS GENERATOR ON-LINE	562.5	1037.25	1037.25
8. UNIT RESERVE SHUTDOWN HOURS (6)	0	0	0
9. GROSS THERMAL POWER GENERATED (MWH)	**	**	**
10. GROSS ELECTRICAL POWER GENERATED (MWH)	341580	525100	525100
11. NET ELECTRICAL POWER GENERATED (MWH)	321107	467388	467388
12. REACTOR AVAILABILITY FACTOR (1)	85.9	NA	NA
13. PLANT AVAILABILITY FACTOR (2)	78.1	NA	NA
14. PLANT CAPACITY FACTOR (3)	51.1	NA	NA
15. FORCED OUTAGE RATE (4)	20.9	NA	NA

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: 7/5/76

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

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	-	4/6/76	-
INITIAL ELECTRICAL POWER GENERATION	-	4/25/76	-
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.

* 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.

ENCLOSURE A

UNIT Indian Point Unit No. 3

DATE July 6, 1976

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

DAILY PLANT POWER OUTPUT

MONTH June, 1976

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE DAILY MWe-net
1	19	25	933
2	308	26	486
3	439	27	0
4	545	28	345
5	639	29	494
6	630	30	426
7	641	31	-
8	594		
9	367		
10	614		
11	431		
12	0		
13	0		
14	0		
15	247		
16	597		
17	634		
18	640		
19	505		
20	369		
21	173		
22	736		
23	790		
24	857		

SUMMARY:

Start-Up Testing in Progress

UNIT NAME Indian Point UnitNo. 3

DATE July 6, 1976

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

REPORT MONTH June, 1976

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
6	5/30/76	F	6.25*	A	A	Unit tripped to repair steam leak on 31B Reheater.
7	6/1/76	F	7.0	B	C	
8	6/2/76	F	4.25	B	**	
9	6/3/76	F	2.0	A	C	Unit trip due to Hi-Level #31 S/G.
10	6/3/76	F	4.75	A	C	Unit trip due to loss of #31 M.B.F.P.
11	6/9/76	F	2.25	G	C	Unit trip due to replacing of vibration monitor drawer by operator.
12	6/11/76	F	78.0	B	A	
13	6/21/76	F	9.0	B	**	
14	6/26/76	F	40.75	A	C	Unit trip due to #31 Main Transformer Damage
15	6/30/76	S	2.75***	B	A	
NA	6/19/76 6/20/76	NA	NA	NA	NA	Load restricted due to testing.

(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

* This amount included in 44.25 hrs. of May, 1976 report

** Reactor remained critical.

*** June only.