UNIT NAME Indian Point Unit No. 2

DATE December 6, 1974

COMPLETED BY S. D. Julias
Performance General Supervisor Tel. # 914-592-9010 Ext. 231 at I.P.

OPERATING STATUS

1. REPORTING PERIOD: 0000,741101 THROUGH 2359,741130
   GROSS HOURS IN REPORTING PERIOD: 720
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 restriction on reactor power level.

		THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5.	HOURS REACTOR WAS CRITICAL	644.2	4790.7	5991.7
6.	REACTOR RESERVE SHUTDOWN HOURS (5)	0	0	0
7.	HOURS GENERATOR ON-LINE	630.3	4517.75	5389.75
8.	UNIT RESERVE SHUTDOWN HOURS (6)	0	0	0
9.	GROSS THERMAL POWER GENERATED (MWH)	1427937	9671815	10764103
10.	GROSS ELECTRICAL POWER GENERATED (MWH)	436220	2991340	3313080
11.	NET ELECTRICAL POWER GENERATED (MWH)	414915	2811309	3087290
12.	REACTOR AVAILABILITY FACTOR (1)	89.5	59.8	51.3
13.	PLANT AVAILABILITY FACTOR (2)	87.5	56.4	46.1
14.	PLANT CAPACITY FACTOR (3)	66.0	40.2	30.3
15.	FORCED OUTAGE RATE (4)	5.3	30.5	42.9

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Scheduled shutdown of approx. 3 days in December to inspect and replace seismic restraints. Three week shutdown scheduled in January for change in S.G. chemistry
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			
INITIAL ELECTRICAL POWER GENERATION		N.A.	
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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$

(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.

UNIT Indian Point Unit No. 2

DATE December 6, 1974

COMPLETED BY S. D. Julias
Performance General Supervisor
Tel. # 914-592-9010 Ext. 231
at I.P.

DAILY PLANT POWER OUTPUT

MONTH November, 1974

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE DAILY MWe-net
1	839	25	667
2	754	26	654
3	808	27	659
4	681	28	589
5	337	29	673
6	258	30	813
7	101	31	-
8	589		
9	18		
10	0		
11	431		
12	779		
13	421		
14	550		
15	789		
16	682		
17	671		
18	681		
19	674		
20	647		
21	695		
22	679		
23	625		
24	535		

SUMMARY: Special three loop operation test performed. Also performed axial xenon transient test utilizing full and part length rods for control of axial flux difference.

UNIT NAME Indian Point Unit No. 2
DATE December 6, 1974
COMPLETED BY S. D. Julias
Performance General Supervisor
Tel. # 914-592-9010 Ext. 231 at I.P.

REPORT MONTH November, 1974

PLANT SHUTDOWNS

[redacted]	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
N/A	11/5/74	N/A	N/A	N/A	N/A	Reactor power reduced to 45% on 11/4/74 and held at this level for special three loop operation test.
54	11/6/74	F	4.5	A	C	Unit tripped via over temperature Δtemperature protection due to a shorted test lead on #21 loop hot leg R.T.D.
55	11/7/74	F	11.3	A	C	Unit tripped due to high drum level on #21 Steam Generator.
56	11/9/74	S	54	B	B	Outage for inspection of seismic pipe restraints.
57	11/13/74	F	15.5	A	C	Unit trip due to failure of No. 21 static inverter concurrent with periodic testing of the reactor protection system.
58	11/28/74	F	4.3	A	C	Unit trip via #21 Steam Generator SF/WF mismatch due to loss of #21 Main Boiler Feed Pump.

(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