OPERATING DATA REPORT

DOCKET NO. 50-286
DATE 9/5/79
COMPLETED BY C. Connell
TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: August - 1979
3. Licensed Thermal Power (MWt): 3025
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 1000
7. Maximum Dependable Capacity (Net MWe): 965
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

Notes

POOR ORIGINAL

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	26,328
12. Number Of Hours Reactor Was Critical	715.6	5,622.7	21,283.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	687.1	5,565.6	20,773.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,618,305	15,138,983	55,539,952
17. Gross Electrical Energy Generated (MWH)	469,420	4,822,830	18,205,601
18. Net Electrical Energy Generated (MWH)	447,004	4,643,644	17,492,454
19. Unit Service Factor	92.4	95.4	78.9
20. Unit Availability Factor	92.4	95.4	78.9
21. Unit Capacity Factor (Using MDC Net)	62.3	82.5	68.9
22. Unit Capacity Factor (Using DER Net)	62.3	82.5	68.9
23. Unit Forced Outage Rate	7.6	1.5	4.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refuelin Outage September 1979

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY	N/A	
COMMERCIAL OPERATION		

961250

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(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
UNIT Indian Point No.3
DATE 9/5/79
COMPLETED BY C. Connell
TELEPHONE 914-739-8200

MONTH August 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	629	17	216
2	627	18	281
3	657	19	830
4	686	20	818
5	688	21	750
6	686	22	716
7	711	23	743
8	372	24	735
9	0	25	707
10	438	26	703
11	527	27	704
12	540	28	700
13	533	29	704
14	530	30	709
15	533	31	620
16	533		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-286
UNIT NAME Indian point No. 2
DATE 9/6/79
COMPLETED BY C. Connell
TELEPHONE (914)739-8200

REPORT MONTH August 1979

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
30	790808	F	32.6	A	3	N/A	EG	TRANSF	Transformer fault on B&C phase bushings of #31 main transformer Bushings repaired and Westinghouse checked out transformer.
31	790817	F	24.3	A	3	N/A	HA	RELAYX M	Ground in turbine trip circuitry. Ground corrected.
32	790821	F	1	A	1	N/A	HF	HTEXCH D	Load reduction due to condenser leaks, leaks sealed and load restored to normal
33	790831	F	9	A	1	N/A	HF	HTEXCH D	Load reduction due to condenser leaks, leaks sealed and load restored to normal

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4
Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit H - Same Source

(9/77)

8012252

MONTHLY MAINTENANCE REPORT

August 1979
Month

8612530

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
8-01-79	I-366-02	#33 Service Water Pump	Repair Pump	Replaced pump internals/installed motor, realigned.
8-03-79	I-590-1C	#32 Service Water Pump	Pump internals problem	Replaced worn internals/installed motor, realigned.
8-03-79	I-591-1C	#36 Service Water Pump	Pump internals problem	Replaced worn internals/installed motor, realigned.
5-13-79	I-525-02	#32 Charging Pump	#1 and #5 cylinders leak	Repacked #1 and #5 cylinders
8-13-79	I-546-02	Fuel Receipt	N/A	Received and stored new elements
8-03-79	I-588-02	#32 Charging Pump	Piston leakage	Repacked #1-4 cylinders
8-10-79	I-595-1B	#31 Main Steam	MSIV #31 S/G operator broken	Replaced defective operator assembly adjusted linkage
8-24-79	I-675-1C	#32 Diesel Generator	Lube oil strainers clogged	Cleaned oil strainers

MONTHLY I & C CATEGORY I REPORT

August 1979
Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
8-13-79	IC-1-427-2	R19 PRM	Defective meter (remote)	Replaced meter (remote)
8-21-79	IC-1-454-2	R15 PRM	Defective remote meter	Replaced meter
8-22-79	IC-475-18	42 Power Range	Loss of H.V. output detector	Replaced H.V. power supply

Summary of Operating Experience August - 1979

Indian Point Unit 3 was synchronized to the bus for a total of 744 hours, producing a gross generation of 469,420 mwh for this reporting period. During this period, the unit experienced 2 trips, 1 load reduction and the setting of a new site record for continuous operation.

On August 8th at 12:35 the unit tripped due to a transformer fault on B & C phase bushings on #31 main transformer. At the time of this trip, the unit had been operating continuously since April 10th at 23:39, setting new site record of 119 days, 12 hours and 56 minutes of operation. The transformer was isolated and the unit was able to return to service at half load on August 9th at 21:12. On August 17th at 10:25, a unit trip occurred due to a ground in the turbine trip circuitry. While the unit was down #31 main transformer which had been repaired was reconnected and the unit was returned to service on August 18th at 10:42.

On August 21st, at 16:00 load was reduced due to the removal of two circulating water pumps because of condenser leaks. Load was increased to approximately 780 mw on August 22nd at 2000 after repairs were effected and remained that way until August 31st when condenser leaks again caused a load reduction. Load was reduced to 450 mw.