OPERATING DATA REPORT

DOCKET NO. 50-286
DATE 7-2-80
COMPLETED BY C. Connell
TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: June 1980
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): 952
7. Maximum Dependable Capacity (Net MWe): 917

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

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	720	4367	33,624
12. Number Of Hours Reactor Was Critical	702.2	3048.5	24,633.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	681.6	2614.1	23,647.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,996,621	5,807,257	61,911,724
17. Gross Electrical Energy Generated (MWH)	577,800	1,622,500	19,987,601
18. Net Electrical Energy Generated (MWH)	554,358	1,536,220	19,179,657
19. Unit Service Factor	94.7	59.9	70.3
20. Unit Availability Factor	94.7	59.9	70.3
21. Unit Capacity Factor (Using MDC Net)	84.0	38.4	62.2
22. Unit Capacity Factor (Using DER Net)	79.8	36.5	59.1
23. Unit Forced Outage Rate	5.3	20.3	6.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Turbine Outage October - 80

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

	Forecast		Achieved
INITIAL CRITICALITY			
INITIAL ELECTRICITY		N/A	
COMMERCIAL OPERATION			

(9/77)

8007210377

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Pt. No. 3

DATE 7-2-80

COMPLETED BY C. Connel

TELEPHONE (914) 739-8200

MONTH June

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	651	17	844
2	776	18	846
3	542	19	845
4	789	20	845
5	841	21	844
6	846	22	843
7	844	23	841
8	843	24	838
9	847	25	837
10	847	26	833
11	309	27	830
12	46	28	830
13	825	29	832
14	844	30	651
15	845	31	N/A
16	844		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-286
UNIT NAME Indian Pt. No. 3
DATE 7-2-80
COMPLETED BY C. Connell
TELEPHONE (914) 739-8200

REPORT MONTH June

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
21	800603	F	0	A	4		HH	VALVEX-F	#32 heater drain pump tripped. Reduced load to secure dumping to condenser for consideration of steam impingement on tubes. Repaired associated regulator valve to heater drain pump.
22	800611	F	33.4	A	3		EA	RELAYX-D	Misoperation of NGA relay at substation in Buchanan causing direct trip of plant. Modified relay
23	800630	F	5.0	A	3		HH	VALVEX-C	Tripped on low steam generator level due to loss of main boiler feedwater pumps as a result of perturbations in main boiler feedwater control oil system when shifting oil pumps. Pump check valve appeared to hang up. Cycled associated oil pump check valve several times and valve operated properly.

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

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MONTHLY I & C CATEGORY I REPORT

June 1980
Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
6-3-80	IC-1-705-2	R-2 ARM	No response	Repaired bad connector
6-3-80	IC-1-740-2	Independent Electrical Overspeed Protection	Intermittent fault on Chan.II	Repaired bad connection on threshold potentiometer
6-9-80	IC-1-729-1A	32 Static Inverter	Inverter Tripped off line	Replaced two defective capacitors in output
6-9-80	IC-I-748-1B	32 Instrument Bus	Voltage Spikes	Cleared loose connection/ intermittent ground on PCV 1189
6-9-80	IC-I-628-2	PI-472-PRT Press. Ind. in CCR	Sticking	Disassembled Ind. and freed unit of friction
6-11-80	IC-I-622-2	3TT-441A Loop 4 Hot Leg N.R. Resistance to voltage converter	No change in output with change in input	Replaced op-amp A4 and recalibrated
6-11-80	IC-I-623-2	3TT-441B - Loop 4 cold leg R1E converter	No change in output with change in input.	Replaced A4 op-amp and recalibrated
6-30-80	IC-I-820-2	Chan IV V.C. pressure Test jack	Broken test jack	Replaced jack

MONTHLY MAINTENANCE REPORT

June 1980
Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
6-11	I-1068	Fire Protection Barrier	Damaged Fire Protection Material	Added Flamastic
5-29	I-1081	#31 Pressurizer BU Hrtrs	Breaker does not close	Replaced Control Circuit Breaker
5-28	I-1097	#33 Charging Pump	Packing Leak	Repacked
6-03	I-1108	#32 Charging Pump	Packing Leak	Repacked
6-04	I-1109	RCS Valve 956F	Body to Bonnet Leak	Replaced Torn Gasket
6-16	I-1133	#31 Charging Pump	Cylinder Head Leak	Replaced Torn Gasket
6-13	I-1151	Channel I Iodine Monitor	Compressor Seized	Rebuilt Compressor
6-13	I-1152	Channel II Iodine Monitor	Compressor Seized	Rebuilt Compressor
6-13	I-1153	Channel III Iodine Monitor	Compressor Seized	Rebuilt Compressor
6-11	I-1158	#33 Charging Pump	Cylinder Head Leak	Replaced Torn Gasket
6-09	I-1130	#32 Charging Pump	Cylinder Head Leak	Replaced Torn Gasket
6-25	I-0939	#32 Diesel Generator LO Sec D/P Alarm Switch	Ruptured Diaphragm	Replaced Switch
6-26	I-1162	#31 Charging Pump	Packing Leak	Repacked
6-23	I-1161	#31 Spray Pump	High Vibration	Realigned Couplings

Summary of Operating Experience - June 1980

Indian Point Unit 3 was sychronized to the bus for a total of 681.6 hours producing a gross generation of 577,800 MWe for this reporting period.

During this period the unit experienced two unit trips and a load reduction.

On June 1 the unit continued load escalation to 100% reactor power.

On June 3 at 0006 hours #32 heater drain pump tripped which resulted in a load reduction. The regulator valve to #32 heater drain pump was disassembled for repairs. The heater drains were secured from dumping by reducing load to 460 MWe for consideration of steam impingement on condenser tubes. Repairs were completed on heater drain pump regulator valve and on June 4 at 0030 hours commenced load escalation to 100% reactor power.

On June 11 at 0913 hours the unit experienced a direct trip from Buchanan substation, which resulted in a unit trip. Investigated associated circuits and found the direct trip resulted from the misoperation of NGA relays at the substation. The unit was returned to service on June 12 at 1837 hours and commenced load escalation to 100% reactor power.

On June 30 at 1901 hours the plant experienced a unit trip on low steam generator level. The low level was due to the loss of main boiler feedwater pumps as a result of perturbations in the main boiler feedwater control oil system while shifting the running control oil pump.