8005200 377

OPERATING DATA REPORT

DOCKET NO. 50-286
DATE 5-2-80
COMPLETED BY C. Connell
TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: April, 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	719	2903	32,160
12. Number Of Hours Reactor Was Critical	529.0	1622.4	23,207.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	408.8	1234.4	22,267.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	695,552	1,986,054	58,090,521
17. Gross Electrical Energy Generated (MWH)	175,450	518,630	18,883,731
18. Net Electrical Energy Generated (MWH)	162,577	488,846	18,122,278
19. Unit Service Factor	56.9	42.5	69.2
20. Unit Availability Factor	56.9	42.5	69.2
21. Unit Capacity Factor (Using MDC Net)	24.7	18.4	61.5
22. Unit Capacity Factor (Using DER Net)	23.4	17.5	58.4
23. Unit Forced Outage Rate	43.1	32.1	6.2

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

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		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-286
UNIT NAME Indian Point No.3
DATE 5/2/80
COMPLETED BY C. Connell
TELEPHONE (914) 739-8200

REPORT MONTH APRIL

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
10	800403	F	0	A	4		HF	PUMPXX-B	Circulating Water Pump Bearings Malfunction. Repair pumps, replacing bearings
11	800406	F	302.6	A	1		HF	PUMPXX-B	
12	800422	F	0	A	4		HA	TURBIN	Noise in southern exhaust of #32 spindle - reduced load.
13	800424	F	0	A	4		HC	HTEXCH-D	Condenser flange and tube leaks - Repaired flange and plugged tube leaks
14	800426	F	4.4	H	3		EA	RELAYX-D	345KU feeder tripped because of spurious relay actuation
15	800426	F	3.2	A	3		HA	TURBIN	Spurious independent turbine overspeed trip - loose connections

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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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
UNIT Indian Point No.3
DATE 5-2-80
COMPLETED BY C. Connell
TELEPHONE 914-739-8200

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	608	17	-
2	620	18	-
3	607	19	127
4	433	20	428
5	368	21	574
6	133	22	545
7	-	23	496
8	-	24	318
9	-	25	117
10	-	26	73
11	-	27	131
12	-	28	135
13	-	29	497
14	-	30	572
15	-	31	
16	-		

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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MONTHLY I & C CATEGORY I REPORT

APRIL 1980

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
4/24/80	IC-1-754-2	Instrument Bus 33 Ckt. 16	Ground fault drops voltage on instrument bus down	Cleared ground on SOV 1203
4/10/80	IC-1-747-1B	B.A. Heat Trace CKT 40	Controller inoperative	replaced controller
4/25/80	IC-1-672-2	RX Prot. Chan II Pressurizer low pressure alarm	Spurious trips	Cleared intermittent ground on PT-456 and replaced PM456B

MONTHLY MAINTENANCE REPORT

APRIL 1980

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
4-14	I-1030 to I-1046 I-1053 I-1054	RCS Valves 561A&D, 562A,B&C, 565D, 569C&D 570A,C,&D, 571C	Excessive Packing Gland Leakage	Furmanited Stuffing Boxes
3-29	I-1012	#31 Aux. Boiler Feed Pump	Excessive Pump Vibration	Replaced Rotating Element
4-10	I-0990	869B #32 Spray Pump	Valve won't open due to Shear key.	Replaced key
3-14	I-970	R-13 Rad Monitor	Blower Frozen	Replaced Carbon Vanes
4-22	I-304	LCV-1209B #33 D/G	Valve won't close	Replaced Valve Operator
4-12	I-1024	#36 Service Water Pump	Excessive Plug Leakage	Repacked Pump
4-16	I-1047	#31 Charging Pump	Excessive Seal leakage	Replaced Seals

SUMMARY OF OPERATING EXPERIENCE - APRIL 1980

Indian Point Unit 3 was synchronized to the bus for a total of 408.8 hours producing a gross generation of 175,450 MWe for this reporting period.

During this period the unit experienced three load reductions, one resulting in a unit shutdown and the unit also experienced two trips.

On April 3 at 1925, the unit experienced circulating water pump problems and commenced a load reduction. As a result, the unit was shut down on April 6, at 1230. The cause of the problem was attributive to bearing failures in the circulating water pumps. The unit was maintained in hot shutdown until repairs could be completed. On April 19 at 0303, the unit was returned to service with two circulating water pumps followed shortly afterwards by a third pump. With considerations for condenser back pressure and consistent with circulating water pump capabilities the unit commenced a load escalation to 600 MWe. Repairs continued on the remaining circulating water pumps.

On April 22 at 1535, a rattle developed in the southern exhaust area of #32 LP Turbine Spindle. A load reduction was initiated and stabilized at 550 MWe consistent with the elimination of the rattle.

On April 24 at 1030, commenced load reduction consistent with circulating water pump capabilities. Due to condenser leaks #34 circulating water pump was taken out of service to maintain the proper steam generator chemistry. A flange and several tube leaks were found to be the contributing factors. While these leaks were being repaired #31 circulating water pump was brought into service.

On April 26 at 1506, the generator output feeder tripped resulting in a unit trip. The feeder trip was caused by a spurious relay actuation. The unit was returned to service at 1932 the same day. Shortly afterwards at 2019 the unit experienced a spurious electrical overspeed trip, the cause of which was determined to be loose connections on the sensors. At 2333, the same day, the unit was returned to service consistent with circulating water pump capabilities.