

OPERATING DATA REPORT

DOCKET NO. 50-286
DATE June 1, 1978
COMPLETED BY Mark Tagliamonte
TELEPHONE 914-739-5002

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: _____
3. Licensed Thermal Power (MWt): 2760
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 965
6. Maximum Dependable Capacity (Gross MWe): 910
7. Maximum Dependable Capacity (Net MWe): 873
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes

Outage commences -

0001 June 8

9. Power Level To Which Restricted, If Any (Net MWe): 873
10. Reasons For Restrictions, If Any: License Restriction of 91% Rated Power

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,623	15,360
12. Number Of Hours Reactor Was Critical	742.75	3,454.75	12,436.37
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	739.57	3,407.33	12,248.06
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,885,029	8,570.338	31,844.898
17. Gross Electrical Energy Generated (MWH)	623,330	2,898.611	10,602,251
18. Net Electrical Energy Generated (MWH)	599,245	2,782,439	10,173,818
19. Unit Service Factor	99.4	94.0	79.7
20. Unit Availability Factor	99.4	94.0	79.7
21. Unit Capacity Factor (Using MDC Net)	92.3	88.0	75.9
22. Unit Capacity Factor (Using DER Net)	83.5	79.6	68.6
23. Unit Forced Outage Rate	0.6	6.0	4.7

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

Refueling outage tentatively scheduled for June 1978

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
COMMERCIAL OPERATION

N/A

8110300528 780613
PDR ADOCK 05000286
PDR

(9/77)

SUMMARY OF OPERATING EXPERIENCE - MAY 1978

Indian Point Unit #3 was synchronized to the bus for a total of 739.57 hours producing a gross generation of 623,330 mwe for this reporting period.

During the operating period, the unit experienced one load reduction resulting from problems with #32 main boiler feed pump. At 2055 on May 14, 1978, a high vibration alarm occurred on #2 bearing. After making a visual inspection of the pump and bearing, the decision was made to take the pump out of service for further inspection. On completion of disassembling the pump it was discovered the shaft was broken in half on the pump side of the coupling. A new pump shaft was installed and the pump was returned to service at 1910 hours on May 21, 1978.

Unit #3 tripped from 71% power on May 16, 1978 during a periodic test. At 0910 while performing test 3PT-M13A, the reactor tripped due to an operator accidentally brushing the reactor trip "B" bypass breaker and tripping same. An immediate recovery was instituted and at 1336 the machine was synchronized to the bus.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
UNIT Indian Point
No. 3
DATE June 1, 1978
COMPLETED BY M. Tagliamonte
TELEPHONE 914-739-5002

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	826
2	871
3	872
4	877
5	887
6	884
7	879
8	878
9	883
10	878
11	880
12	880
13	877
14	836
15	635
16	400

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	402
18	586
19	676
20	670
21	704
22	867
23	873
24	878
25	879
26	869
27	863
28	869
29	870
30	866
31	857

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May

DOCKET NO. 50-286
 UNIT NAME Indian Point No. 3
 DATE June 1, 1978
 COMPLETED BY _____
 TELEPHONE 914-739-5007

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
9	780514	F	166.25	A	1		HHF	Pump XX B	#32 MBFP shaft failed, no cause apparent, investigating situation. The shaft was replaced by a new one.
10	780516	F	4.43	G	4		IA	CKTBRK A	(4) operator inadvertently brushed the breaker and caused it to trip. Personnel were advised to be more careful when working with breakers.

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

⁵
 Exhibit I - Same Source

(9/77)

MONTHLY I & C CATEGORY I REPORT

May 1978

Month

W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
I-00050-2	TI-467	Erroneous indication, reading low	Recalibrated R/I, operation satisfactory
I-00053-2	N41 Power Range Recorder	Take-up spool not working	Cleaned and lubed bearings, cleaned moving parts, performed cal. check
3-N-2-1230I	R11/R12 PRM's	Flow Alarms misadjusted	Adjusted flow switches
3-N-2-1215I	SMA-2 Seismographic	Inability to recharge batteries	Replaced Zener Diodes and batteries

MONTHLY MAINTENANCE REPORT

May 1978

W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
10025-02	Fuel Storage Building Exhaust Fan	Inspection	Removed 2 Trays
10187-02	#31 (CVCS) Charging Pump	Seal Leakage	Repacked 5 Cylinder
10205-02	#31 CVCS Charging Pump	Seal Leakage	Repacked 5 Cylinder
10208-02	#31 Waste Gas Comp.	Drive End Bearing Seized and Driven Grease Sela Ring Split	Replaced Both

June 5, 1978
Docket No. 50-286

Refueling Information Request

1. Indian Point No. 3 Nuclear Power Plant
2. June 8, 1978
3. August 21, 1978
4. None
5. None
6. Submitted to NRC a new 18 case FAC analysis to correct for errors found in Westinghouse ECCS calculational model on May 24, 1978.
7. a) 193 assemblies
b) 0
8. 837 assemblies - approved capacity
9. a) June, 1986 (Full Core Reserve)
b) June, 1989 (without full core reserve)