

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE March 1, 1982
 COMPLETED BY L. Auterino
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: February 1982
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): 926
7. Maximum Dependable Capacity (Net MWe): 891
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1,416	48,217
12. Number Of Hours Reactor Was Critical	669.8	1,406.2	33,512.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	663.9	1391.6	32,335.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,563,844	3,619,653	84,703,024
17. Gross Electrical Energy Generated (MWH)	464,460	1,074,090	25,870,220
18. Net Electrical Energy Generated (MWH)	442,864	1,027,334	24,774,741
19. Unit Service Factor	98.8	98.3	67.1
20. Unit Availability Factor	98.8	98.3	67.1
21. Unit Capacity Factor (Using MDC Net)	74.0	81.4	57.7
22. Unit Capacity Factor (Using DER Net)	68.3	75.2	53.2
23. Unit Forced Outage Rate	1.2	1.7	14.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling outage, March 1982

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT Indian Point
No. 3
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MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>731</u>
2	<u>723</u>
3	<u>724</u>
4	<u>723</u>
5	<u>722</u>
6	<u>707</u>
7	<u>680</u>
8	<u>652</u>
9	<u>652</u>
10	<u>650</u>
11	<u>649</u>
12	<u>646</u>
13	<u>644</u>
14	<u>369</u>
15	<u>653</u>
16	<u>645</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>646</u>
18	<u>648</u>
19	<u>646</u>
20	<u>647</u>
21	<u>647</u>
22	<u>648</u>
23	<u>647</u>
24	<u>646</u>
25	<u>644</u>
26	<u>652</u>
27	<u>705</u>
28	<u>706</u>
29	<u></u>
30	<u></u>
31	<u></u>

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

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REPORT MONTH February

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
02	82/02/14	F	8.1	G	3		HH	INSTRU-I	During repairs to No. 31 condensate pump ammeter the wires were disconnected causing a protection relay to activate and trip the pump motor breaker. Loss of No. 31 condensate pump, concurrent with No. 32 condensate pump out of service for repairs, caused a low level on 34 steam generator which resulted in a reactor and turbine trip.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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 - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit - Same Source

MONTHLY MAINTENANCE REPORT

February 1982

Month

W.R. #	DATE	EQUIPMENT	MAIFUNCTION	CORRECTIVE ACTION
2577	2/5/82	No. 34 Service Water Pump	Insufficient Discharge Head	Rebuilt Rotating Element
2602	2/18/82	No. 31 Instrument Air Com- presser	Solenoid Valve Inoperable	Cleaned Solenoid
2622	2/01/82	Service Water Discharge Header Vacuum Breaker	Inoperable	Cleaned Vacuum Breaker
2624	2/02/82	No. 32 Charging Pump	Excessive Stuffing Box Leakage	Repacked Pump
2640	2/02/82	No. 31 Charging Pump	Excessive Stuffing Box Leakage	Repacked Pump
2664	2/11/82	No. 35 Service Water Pump	Excessive stuffing Box Leakage	Repacked Pump
2665	2/11/82	No. 36 Service Water Pump	Excessive Stuffing Box Leakage	Repacked Pump

MONTHLY I & C CATEGORY I REPORT

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Month

W.R. No.	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
IC-1-1363	2-18-82	No. 31 and No. 22 Boric Acid Concentrate Pump Control	Restricted Pit-Cock Valve in Line to low level Cutout switches	Repaired Valve
IC-1-1453-2	10-18-81	Control Rod Position indicator L3	Pointer rubs against indicator glass	adjusted pointer
IC-1-1481-3C	11-28-81	No. 31 Steam Generator Secondary temperature detector	Indicates 150°F Low	Cleaned and reconnected terminates at RTD
IC-1-1492-2	10-27-81	RL3 Plant Vent Particulate monitor	Filter failure alarm erratic	Cleaned alarm relay contacts
IC-1-1586-2	1-12-82	Steam Generator No. 34 High Level Bistable LC-447E	Alarm status lamp remains lit	Cleaned and exercised relay-retested satisfactorily
IC-1-1588-2	1-19-82	ΔT Deviation Alarm	Spurious alarms	Replaced channel 4 Hot Leg temperature Resistance to Voltage converter
IC-1-1591-1C	1-22-82	No. 31 Static Inverter	Output Voltage High	Replaced timing capacitors in gate pulse circuit
IC-1-1593-2	1-31-82	No. 32 Seal Injection Filter ΔP indicator	Ruptured bellows	Replaced bellows
IC-1-1603-2	1-29-82	Control Rod Position Rod Bottom Bistable for Rod E-3	Excessive Drift	Replaced Bistable

MONTHLY I & C CATEGORY I REPORT

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Month

W. R. No.	DATE	EQUIPMENT	MAIFUNCTION	CORRECTIVE ACTION
IC-1-1608-2	2-3-82	No. 33 Waste Holdup tank Level Transmitter	No Indication	Replaced Transmitter
IC-1-1622-2	2-9-82	Halon Fire Protection System	Ready lamp does not light	Replaced Resistor in Ready lamp circuit

SUMMARY OF OPERATING EXPERIENCE

Indian Point Unit 3 was synchronized to the bus for a total of 663.9 hours producing a gross generation of 464,460 MWe for the reporting period. One trip was experienced during this period.

On February 14, at 0327 hours the plant experienced a unit trip on a low level in #34 steam generator. During repairs to 31 condensate pump ammeter a protective relay on the 6.9 KV motor breaker was activated causing the motor to trip. The loss of No. 31 condensate pump, in conjunction with No. 32 condensate pump already out of service for repairs, caused a low level in No. 34 steam generator resulting in a reactor and subsequently a turbine trip. Repairs were completed and at 1132 hours the unit was returned to service.