

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



**New York Power
Authority**

September 5, 1989
IP3-89-066
IP3-89-199H

Docket No. 50-286
License No. DPR-64

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station PI-137
Washington, D.C. 20555

Dear Sir:

Enclosed you will find the monthly operating report relating to
Indian Point 3 Nuclear Power Plant for the month of August 1989.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'J. E. Russell'.

Joseph E. Russell
Resident Manager
Indian Point 3 Nuclear Power Plant

SS/sd:6:10
Enclosure

cc: Mr. William Russell, Regional Administrator
Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

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SUMMARY OF OPERATING EXPERIENCE

AUGUST 1989

Indian Point Unit No. 3 was synchronized to the bus for a total of 744 hours, producing a gross generation of 737,550 MWe.

Due to high seasonal river water temperatures, the units thermal efficiency was negatively impacted.

OPERATING DATA REPORT

Docket No. 50-286
 Date 09-05-89
 Completed By S. Smith
 Telephone 914-736-8340

OPERATING STATUS

- | | | |
|---|-------|--|
| <p>1. Unit Name: <u>Indian Point No. 3 Nuclear Power Plant</u></p> <p>2. Reporting Period: <u>August 1989</u></p> <p>3. Licensed Thermal Power (MWt): <u>3025</u></p> <p>4. Nameplate Rating (Gross MWe): <u>1013</u></p> <p>5. Design Electrical Rating (Net MWe): <u>965</u></p> <p>6. Maximum Dependable Capacity (Gross MWe): <u>1000</u></p> <p>7. Maximum Dependable Capacity (Net MWe): <u>965</u></p> | 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): _____
10. Reasons for Restrictions, If Any: _____

	This Month	Yr. to Date	Cumulative
11. Hours In Reporting Period	744	5,831	114,000
12. Number of Hours Reactor Was Critical	744	2,520.14	69,178.06
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	2,458.21	67,139.23
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,250,235	7,064,075	189,017,643
17. Gross Electrical Energy Generated (MWH)	737,550	2,320,970	57,620,395
18. Net Electrical Generated (MWH)	710,784	2,236,040	55,338,808
19. Unit Service Factor	100	42.2	58.9
20. Unit Availability Factor	100	42.2	58.9
21. Unit Capacity Factor (Using MDC Net)	99.0	39.7	52.0 *
22. Unit Capacity Factor (Using DER Net)	99.0	39.7	50.3
23. Unit Forced Outage Rate	0	0.6	17.5

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

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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT IP-3
 DATE 09-05-89
 COMPLETED BY S. Smith
 TELEPHONE (914) 736-8340

MONTH August 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	957
2	955
3	954
4	953
5	953
6	953
7	952
8	955
9	956
10	955
11	955
12	957
13	957
14	957
15	957
16	959

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	958
18	958
19	958
20	957
21	948
22	952
23	953
24	953
25	952
26	956
27	958
28	957
29	954
30	958
31	959

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

DOCKET NO. 50-286
 UNIT NAME Indian Point 3
 DATE 09/05/89
 TELEPHONE (914) 736-8000

REPORT MONTH AUGUST 1989

No.	Date	Type	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code	Component Code 5	Cause & Corrective Action to Prevent Recurrence
	NONE								

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

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Exhibit H - Same Source

MONTHLY I & C CATEGORY I REPORT

August 1989
MONTH.

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
9717	7/14/89	Reactor Vessel Level Indication System, Train B Level Transmitter, LT-1321.	Leaking bellows assembly.	Repaired by manufacturer and reinstalled in system.
11093	7/19/89	Reactor Vessel Level Indication System, Train "B" Micro Processor.	Various problems.	Corrected by tightening connections and changing software.
11094	7/19/89	Reactor Vessel Level Indication System, Train "A" Micro Processor.	Database discrepancies.	Modified database.
11144	7/25/89	Electrical System, Bus 6A Monitor Light, 86-6A.	Broken light socket.	Replaced socket.
11145	7/25/89	Electrical System, Bus 6A Interlocking Relays Monitor Light.	Broken light socket.	Replaced socket.
10954	7/25/89	Qualified Safety Parameter Display, Train B Display Unit.	Cooling fan inoperative.	Cleaned fan.
11067	7/26/89	Service Water System, #36 Zurn Strainer Differential Pressure Indicator, PI-1116.	Inoperative gauge.	Repaired gauge.
11099	7/28/89	Boric Acid Heat Trace System, Boric Acid Supply to Boric Acid Tanks #31 and #32, Lines #235 and #236 Heat Trace, CKT-59.	Temperature controller out of calibration.	Calibrated controller.
8365	8/1/89	Critical Functions Monitoring System, Letdown Isolation Valve, 459.	Incorrect indication wiring.	Corrected wiring.
11205	8/1/89	Radiation Monitoring System, Plant Vent Gas Monitor, R-27.	Database discrepancies.	Modified database.
11219	8/1/89	Rod Position Indication System, Control Bank B.	Bypass bistable card loose.	Reseated card.

MONTHLY I & C CATEGORY I REPORT

August 1989
MONTH.

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
11204	8/2/89	Electrical System, Flight Panel Annunciators Flasher Module, R-5.	Defective module.	Replaced module.
11222	8/4/89	Hydrogen Monitoring System, Hydrogen Monitor A, Regulators R1, R2 and R3.	Defective regulators.	Replaced regulators.
11178	8/8/89	Radiation Monitoring System, RAMS Building Gas Radiation Monitor, R-59.	Defective high voltage power supply, pre-amp and detector.	Replaced each component.
11240	8/11/89	Radiation Monitoring System, Administration Building Gaseous Activity Radiation Monitor, R-46.	Defective detector.	Replaced detector.
11207	8/14/89	Radiation Monitoring System, Gross Failed Fuel Radiation Monitor, R-63B.	Monitor tripped.	Checked and found acceptable to return to service.
10579	8/17/89	Radiation Monitoring System, Waste Gas Monitor, R-20.	Defective power supply and detector.	Replaced both components and calibrated monitor.
11225	8/23/89	Radiation Monitoring System, Incore Instrumentation Room Area Radiation Monitor, R-7.	Defective detector.	Replaced detector.
11266	8/23/89	Radiation Monitoring System, Plant Vent Particulate Radiation Monitor, R-13.	Defective paper drive motor.	Replaced motor.
11208	8/24/89	Radiation Monitoring System, Plant Vent Iodine Monitor, R-28.	Siezed pump. Defective power supply board, counting board and meter input amplifier.	Replaced pump. Replaced electrical components.
10268	8/25/89	Radiation Monitoring System, Drumming Station Area Radiation Monitor, R-8.	Monitor inoperative due to electrical problems.	Replaced components.

MONTHLY MAINTENANCE CATEGORY I REPORT

MONTH August 1989

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
18876	7/28/89	Emergency Diesel Generator Air Start System, #31 Diesel Generator Starting Air Valve, 18-2.	Inoperative valve.	Rebuilt valve.
18916	8/1/89	Emergency Diesel Generator Air Start System, #31 Diesel Generator Pressure Control Valve, PCV-14-2.	Inoperative regulator.	Replaced regulator.
18894	8/2/89	Ventilation System, 15' and 95' Personnel Door Seals.	Seals leak.	Replaced seals.
18946	8/3/89	Instrument Air System, #31 Air Compressor.	Loose head bolts.	Tightened head bolts.
18943	8/4/89	Hydrogen Monitoring System, Channel A Heat Trace, HT3AR.	Defective indicating light socket.	Replaced socket.
17561	8/8/89	Emergency Diesel Generator System, #32 Diesel Generator Fuel Oil Filter Three Way Valve, 25-2.	Valve leaks across seat.	Replaced valve.
18009	8/8/89	Emergency Diesel Generator System, #32 Diesel Generator.	Electrical panel to conduit locking nut missing.	Installed locking nut.
18980	8/9/89	Emergency Diesel Generator Air Start System, #32 Diesel Generator Starting Air Relief Valve, 15-4.	Relief valve setpoint drift.	Reset relief valve.
18485	8/10/89	Electrical System, Spare Breaker DS-416, #A1082.	Defective charging motor connector.	Replaced connector and spliced wire.
18872	8/10/89	Service Water System, Zurn Strainer Alarm Enclosures.	Water tight enclosures providing insufficient seal.	Repaired enclosures.

MONTHLY MAINTENANCE CATEGORY I REPORT

August 1989
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
18995	8/11/89	Reactor Coolant System, Fuel Assemblies T-53, S-28 and S-66.	Leaking fuel pins.	Removed fuel pins, installed substitutes.
18216	8/14/89	Emergency Diesel Generator System, #33 Diesel Generator Lube Oil Duplex Strainer.	Leaking drain plug.	Removed and reinstalled drain plug.
18709	8/14/89	Electrical System, #31 Spent Fuel Pit Pump Breaker, MCC #37 Cubicle 4FM.	Deteriorated conductor insulation.	Applied heat shrink.
13948	8/14/89	Emergency Diesel Generator System, #33 Crankcase Exhaust.	Leaking discharge hoses.	Tightened hoses.
18869	8/15/89	Emergency Diesel Generator Ventilation System, #33 Diesel Generator.	Fan 318 auxiliary contacts defective.	Replaced contacts.
18407	8/16/89	Chemical and Volume Control System, #32 Charging Pump.	Worn control air line.	Replaced tubing.
19022	8/17/89	Ventilation System, Central Control Room Air Conditioner, 31A.	Freon leak from compressor.	Tightened leaking connection.
12341	8/17/89	Chemical and Volume Control System, #32 Charging Pump.	Leaking fluid drive drain valve.	Replaced valve.
10056	8/18/89	Chemical and Volume Control System, #32 Hold Up Tank Level Transmitter, LT-168.	Inoperable transmitter.	Replaced transmitter.
18958	8/22/89	Hydrogen Monitoring System, Channel A Heat Trace, HT3AR.	Incorrectly wired indicating light socket.	Rewired socket.
19063	8/23/89	Service Water System, #32 Fan Cooler Unit Motor Cooler.	Leaking inlet and outlet hoses.	Replaced hoses bolting and gaskets.