

OPERATING DATA REPORT

Docket No. 50-286
 Date 12-01-88
 Completed By L. Kelly
 Telephone 914-736-8340

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant Notes
2. Reporting Period: November 1988
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): 1000
7. Maximum Dependable Capacity (Net MWe): 965
-
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	720	8040	107,425
12. Number of Hours Reactor Was Critical	201.22	6568.59	65,913.92
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	196.62	6,475.47	63,937.02
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	542,163	19,128,609	179,703,202
17. Gross Electrical Energy Generated (MWH)	174,740	6,223,200	54,561,405
18. Net Electrical Generated (MWH)	168,356	5,998,341	52,389,207
19. Unit Service Factor	27.3	80.5	59.5
20. Unit Availability Factor	27.3	80.5	59.5
21. Unit Capacity Factor (Using MDC Net)	24.2	77.3	52.3 *
22. Unit Capacity Factor (Using DER Net)	24.2	77.3	50.5
23. Unit Forced Outage Rate	72.7	14.6	18.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): * Weighted Average Cycle 6/7 Refueling Outage scheduled for February 1989 - May 1989

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	_____	_____

8812290248 881290
 PDR ADCK 05000286
 R PDC

1224
 1/1/88

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT IP-3
 DATE 12-01-88
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

MONTH November 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	30
23	372
24	880
25	944
26	957
27	958
28	958
29	957
30	958
31	---

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 12/01/88
 TELEPHONE 914-736-8340

REPORT MONTH NOVEMBER 1988

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
10	881019	F	523.38	A	1	88-0008-00	XX	HTEXCH F	Controlled Shutdown due to two (2) GPM Primary-to-Secondary leak in No. 31 Steam Generator.

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)

5
Exhibit H - Same Source

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
11100	10/28/88	Ventilation System, Containment Building Pressure Relief Valve, PCV-1191.	Quadrant gear stripped.	Replaced quadrant gear.
11563	11/1/88	Reactor Coolant System, Reactor coolant Temperature, TE-440B and TE-441B.	Loose connection and improper heat shrink on splice.	Tightened connection and reshrunk splice.
10813	11/1/88	Isolation Valve Seal Water System, Sample Line between PCV-1223 and 1223A.	Section of tubing damaged.	Replaced tubing.
12002	11/1/88	Main Steam System, Main Steam Isolation Valve MS-1-34 Limit Switches.	Flexible conduit outer jacket damaged.	Installed sealtite on flexible conduit.
12022	11/1/88	Weld Channel Containment Penetration Pressurization System, Zone IV Nitrogen Backup Supply Regulator, PCV-1200.	Minor flange leaks.	Rebuilt regulator and tightened flanges and fittings.
13588	11/1/88	Chemical Volume Control System, Reactor Coolant Pumps Seal Water Isolation Valves 441,442,443, and 444.	Packing leaks.	Replaced packing.
13593	11/1/88	Chemical Volume Control System, Reactor Coolant Pumps Seal Injection Filter Isolation Valves, 249A,249B,249C, and 249D.	Packing leaks.	Replaced packing.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
14170	11/1/88	Safety Injection System, #33 Safety Injection Pump, Cooling Water Supply.	Flange leaks.	Replaced flange gasket.
10887	11/2/88	Reactor Coolant System, Wide Range Temperature Element, TE-433B.	Flexible conduit damaged.	Installed sealtite.
11048	11/2/88	Safety Injection System, Recirculation Sump Pump Discharge Valve SI-MOV-1802B.	Sealtite improperly installed on control lead.	Replaced sealtite.
12549	11/2/88	Electrical System, #32 Waste Gas Compressor Motor Starter.	Damaged contacts.	Replaced contacts.
12611	11/2/88	Weld Channel Containment Penetration Pressurization System, Pressurization Supply Line Between Containment Pressure Relief Isolation Valves PCV-1191 and PCV-1192.	Union leaks.	Disassembled, cleaned and reassembled.
13589	11/2/88	Chemical Volume Control System, Reactor Coolant Pump Seal Injection Flow and Flow Indicator Isolation Valves, 239A, 240D, 241D.	Packing leaks.	Replaced packing.
13981	11/2/88	Chemical Volume Control System, Seal Injection Flow Indicator FI-115 Isolation Valve, 239D.	Tubing connector leaking.	Replaced damaged section of tubing/connector.
6800	11/3/88	Weld Channel Containment Penetration Pressurization, Pressure Transmitter 1195-3 Isolation Valve.	Valve leaks.	Replaced valve.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
10567	11/3/88	Safety Injection System, Refueling Water Storage Tank Recirculation Pump Inlet Strainer, ST-15.	Loose strainer cover bolts.	Replaced gasket and torqued strainer cover bolts.
14205	11/3/88	Isolation Valve Seal Water System (IVSWS), Nitrogen Supply to IVSWS Relief, PCV-1076.	Valve leaks by.	Replaced valve.
15078	11/3/88	Post Accident Containment Sampling System, Containment Sample Valve, PCV-1239.	Loose air line fitting.	Tightened air line fitting.
10588	11/4/88	Instrument Air System, Hose Station Isolation Valves, SA-21-1 and SA-21-17.	Bent/worn stems.	Replaced valves.
14577	11/4/88	Auxiliary Feedwater System, #32 Auxiliary Boiler Feed Pump Bearing Cooling Water Bypass valve, BFD-74.	Missing handwheel.	Installed new handwheel.
15079	11/4/88	Ventilation System, Containment Building Pressure Relief, PCV-1191.	Loose mounting bolts and missing washers.	Installed washers and tightened mounting bolts.
15110	11/4/88	Safety Injection System, Spray Additive Tank Discharge Isolation Valves (AOV-876A, 876B) and Miniflow Isolation Valve (1813).	Valves missing exhaust ports.	Installed exhaust port elbows and tightened sealtite fittings.
15117	11/4/88	Ventilation System, Containment Building Pressure Relief Valve, PCV-1192.	Loose mounting screws.	Tightened mounting screws.
15159	11/5/88	Feedwater System, PT-1165 and PT-1183 Root Isolation Valve.	Body to bonnet and packing leaks.	Replaced body to bonnet gasket and repacked.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
12981	11/7/88	Service Water System, Fan Cooler Unit Sample Radiation Monitor Mixing Nozzle Isolation valve, SWN-61-1.	Broken handwheel.	Replaced bonnet, stem and disk.
13592	11/7/88	Chemical Volume Control System, Charging Line Flow Controller (HCV-142) Bypass valve.	Packing leaks.	Replaced packing.
14630	11/7/88	Chemical Volume Control System, #31 Charging Pump Outlet Vent valve.	Packing leak.	Replace yoke and stem assembly.
15081	11/7/88	Component Cooling Water System (CCW), #32 CCW Pump Motor Terminal Box.	Terminal box missing mounting bolts.	Replaced mounting bolts, nuts, and washers.
10998	11/9/88	Weld Channel Containment Penetration Pressurization System, Rack 11 Test Tees For Penetrations "AA", "CC" and "Q".	Test tees stripped.	Replaced test tees.
12191	11/9/88	Instrument Air System, Air Supply tubing to Diesel Generator Building.	Damaged tubing.	Replaced damaged tubing.
13749	11/10/88	Safety Injection System, #33 Accumulator Level Transmitter (LT-934C) Isolation Valve, 837K.	Packing leak.	Replaced packing.
15082	11/10/88	Component Cooling Water System (CCW), #33 CCW Pump Motor Terminal Box.	Motor terminal box missing mounting bolts.	Replaced mounting bolts, nuts and washers.
15299	11/12/88	Primary Sampling System, #33 Hot Leg Sample Isolation Valve, AOV-955B.	Body to bonnet leak.	Replaced valve.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
13903	11/14/88	Sampling System, #33 Reactor Coolant Loop Hot Leg Sample Isolation Valve, AOV-955B.	Incorrect position indication.	Adjusted limit switches.
14299	11/14/88	Reactor Coolant System, Pressurizer Relief Tank to Gas Analyzer Isolation Valve, AOV-549.	Blown fuse.	Replaced fuse.
15152	11/14/88	Weld Channel Containment Penetration Pressurization System, Zone III Nitrogen Backup Regulator, PCV-1198.	Fails to regulate properly.	Disassembled, rebuilt and reassembled regulator.
15314	11/14/88	Main Steam System, #32 Atmospheric (PCV-1135) Relief Valve Isolation valve, MS-3-2.	Valve operator not functioning properly.	Cleaned and lubricated stem.
15316	11/14/88	Ventilation System, Central Control Room Air Conditioner.	Control room air temperature increasing.	Tightened instrument air line to the thermostat.
11342	11/15/88	Weld Channel Containment Penetration Pressurization System, Rack #17 Isolation Valve, PCV-1110-17.	Broken handwheel.	Replaced handwheel.
13737	11/15/88	Sampling System, Pressurizer Steam Space Sample Root Isolation Valve, SP-950.	Gland stud stripped.	Replaced gland eyebolts and nuts as required.
15129	11/15/88	Reactor Coolant System, #32 Steam Generator Primary Manway.	Removed manway for tube inspection.	Replaced manway and gasket.
15268	11/15/88	Emergency Safeguards System, Supervisory Panel SBF-2, ("Two is True" Panel).	While maintenance activities were being performed a short circuit damaged a wire harness.	Replaced wire harness.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
10620	11/16/88	Primary Sampling System, #33 Accumulator Sample Root Isolation Valve, 954E.	Broken stem.	Replaced valve.
13590	11/16/88	Chemical Volume Control System, Charging Line Flow Transmitter Isolation Valves; CH-216 and CH-217.	Flange leaks.	Replaced gaskets.
15300	11/16/88	Chemical Volume Control System, #34 Reactor Coolant Pump Seal Injection Line.	Flange leaks.	Installed new gaskets at flanges.
15019	11/16/88	Chemical Volume Control System, Letdown Relief Valve, 203.	Valve leaks.	Removed, rebuilt and reinstalled.
11681	11/17/88	Weld Channel Containment Penetration Pressurization System, Zone IV Relief valve, PCV-1221.	Valve leaks.	Removed, rebuilt and reinstalled.
15106	11/17/88	Reactor Coolant System, Reactor Vessel Level Indicating System Level Transmitters, LT-1311,1312, 1321 and 1322.	Improper mounting bolts.	Replaced mounting bolts.
15115	11/17/88	Condensate System, Steam Jet Air Ejector Diversion Valve, PCV-1231.	Missing exhaust port.	Installed exhaust port elbow.
15026	11/17/88	Reactor Coolant System, #31 Steam Generator Primary Manway.	Remove manway for tube inspection.	Replaced manway and gasket.
15313	11/17/88	Service Water System, #35 Containment Recirculation Fan Cooler Unit Motor Cooler.	Inlet hose leaks.	Replaced inlet hose.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
15332	11/17/88	Reactor Coolant System, Loop Seal Drain Valve 574A.	Stripped packing gland eyebolt.	Replace eyebolt.
15346	11/17/88	Weld Channel Containment Penetration Pressurization System, Zone IV Backup Regulator, PCV-1200.	Regulator not functioning properly.	Removed, repaired and reinstalled.
10746	11/18/88	Containment Purge Supply and Exhaust System, Purge Air Supply Seal Pressure Indicator, PI-1291.	Stripped test fitting.	Replaced test fitting.
15130	11/18/88	Reactor Coolant System, #32 Steam Generator.	Two indications from eddy current inspection.	Plugged two tubes.
15027	11/18/88	Reactor Coolant System, #31 Steam Generator.	Two indications from eddy current inspection.	Plugged two tubes.
15203	11/18/88	Reactor Coolant System, Sample Isolation Valve, 956E.	Manufacturer identified potential concern.	Replaced solenoid operated valve.
15204	11/18/88	Reactor Coolant System, Sample Isolation Valve, 956F.	Manufacturer identified potential concern.	Replaced solenoid operated valve.
15338	11/19/88	Main Steam System, #32 Atmospheric Dump Valve (PCV-1135) Manual Isolation Valve MS-3-2.	Packing leaks.	Repacked.
15369	11/20/88	Main Steam System, #31 Steam Generator Atmospheric Relief Valve, PCV-1134.	Leaking diaphragm.	Replaced diaphragm.
15371	11/20/88	Main Steam System, #33 Steam Generator Atmospheric Relief Valve, PCV-1136.	Leaking diaphragm.	Replaced diaphragm.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MAJFUNCTION	CORRECTIVE ACTION
15373	11/20/88	Radiation Monitoring System, Containment Air Particulate Monitor, R-11.	Paper drive motor failed.	Replaced paper drive motor.
15374	11/20/88	Electrical System, #32 Emergency Diesel Generator Output Breaker.	Shunt coil degraded.	Replaced shunt coil.
15380	11/20/88	Main Steam System, #32 and #34 Atmospheric Relief Valves, PCV-1135 and 1137.	Leaking operator diaphragms.	Replaced diaphragms.
15383	11/20/88	Weld Channel Containment Penetration Pressurization System, Weld Channel to Purge Exhaust Isolation Valve, SOV-1277.	Solenoid valve will not de-energize.	Adjusted permissive limit switch.
15384	11/20/88	Ventilation System, Containment Building Purge Supply Valves, PCV-1170 and 1171.	Valve seating needs to be verified.	Adjusted valve seating.
15084	11/21/88	Auxiliary Feedwater System, #33 Auxiliary Boiler Feed Pump Recirculation Valve, SOV-1123.	Loose sealite connections.	Torqued sealite connections.
15382	11/21/88	Safety Injection System, #31 and #32 Safety Injection Pumps Discharge Pressure Transmitter (PT-922) Root Isolation Valve, 853C.	Packing leak.	Repacked.
15385	11/21/88	Weld Channel Containment Penetration Pressurization System, 95' Airlock Door Seal.	Door seal leaks.	Replaced door seal.

MONTHLY MAINTENANCE CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
15085	11/22/88	Auxiliary Feedwater System, #31 Auxiliary Boiler Feed Pump Recirculation Valve, SOV-1121.	Loose sealtite connections.	Torqued sealtite connections.
15091	11/22/88	Reactor Coolant System, Reactor Coolant Drains Tank to Gas Analyzer Isolation Valve, SOV-1789.	Loose sealtite connections.	Torqued sealtite connections.
15415	11/22/88	Chemical Volume Control System, Alternate Charging Isolation Valve, 204A.	Valve fails open.	Adjusted air regulator.

MONTHLY I & C CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
8670	10/25/88	Radiation Monitoring System, Condensate Polisher Monitor, R-61.	No monitor output.	Replaced input/output board.
9131	10/29/88	Radiation Monitoring System, RAMS Building Disassembly Area Monitor, R-54B.	Check source mechanism inter- mittently operates.	Cleaned and exercised check source mechanism.
9132	10/29/88	Radiation Monitoring System, RAMS Building Decontamination Room Monitor, R-54A.	Check source mechanism inter- mittently operates.	Cleaned and exercised, check source mechanism.
7972	11/1/88	Nuclear Instrument System, Power Range Flux Channel Indicators/Recorders (NI/NR-41,42,43,44).	Isolation amplifiers out of adjustment.	Adjusted isolation amplifiers and calibrated.
8646	11/1/88	Radiation Monitoring System, Steam Generator Blowdown Liquid Effluent, R-19.	Faulty input/output board.	Replace input/output board.
9105	11/1/88	Radiation Monitoring System, Laundry Tank Room Area Monitor, R-51.	Broken pin on detector connector.	Repaired connection.
9273	11/1/88	Radiation Monitoring System, Steam Generator Blowdown Monitor, R-19.	Faulty low voltage power supply varistor.	Replaced low voltage power supply varistor.
9300	11/1/88	Main Turbine Generator, Channel 3 "Test" and "Overspeed" lamps.	When depressing the lamps, the failure test alarm annunciates.	Replaced "FX-3" relay.
9247	11/1/88	Radiation Monitoring System, #31 Component Cooling Water Loop Monitor, R-17A.	Air regulator not operating properly.	Rebuilt air regulator and cleaned filter.
9301	11/1/88	Main Turbine Generator, Channel 2 "Test" and "Overspeed" lamps.	When depressing the lamps, the failure test alarm annunciates.	Replaced "FX-2" relay.

MONTHLY I & C CATEGORY I REPORT

MONTH November 1988

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
9348	11/2/88	Safety Injection System, Train "A" Block/Unblock Control Switch.	Control switch fails to spring return to the neutral position.	Replaced control switch.
9283	11/2/88	Service Water System, #33 Emergency Diesel Generator Cooler Temperature Indicator, TI-1308.	Thermometer damaged.	Replaced thermometer.
9020	11/5/88	Radiation Monitoring System, Incore Instrument Room Area Radiation Monitor, R-7.	Improper local and remote meter reading.	Replaced detector.
8555	11/7/88	Ventilation System, #33 Containment Recirculation Fan Cooler Unit Damper, VS-SOV-1299.	Status lights not working.	Replaced status light and socket.
9371	11/7/88	Nuclear Instrument System, Flight Panel Status Lights.	Status lights fail to illuminate.	Replaced fuse.
9373	11/8/88	Emergency Safeguards System, Supervisory Panel SBF-2, "Two is True" Panel.	While maintenance activities were being performed a short circuit damaged connectors, wires and status lights.	Replaced connectors, wires and lights as required.
9376	11/9/88	Emergency Safeguards System, Supervisory Panel SBF-2, "Two is True" Panel.	While maintenance activities were being performed a short circuit damaged indicating lights and jumpers.	Replaced indicating lights and jumpers.
9381	11/16/88	Radiation Monitoring System, Gross failed fuel detector, R-63B.	5V logic power supply inoperative.	Replaced 5V logic power supply.
9359	11/17/88	Radiation Monitoring System, Vapor Containment Gas and Particulate Monitor, R-11 and R-12.	Time delay relay casing cracked.	Replaced time delay relay.

MONTHLY I & C CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
9385	11/17/88	Hydrogen Recombiner, #31 Combustion Temperature Recorder, TR-2A.	Pneumatic assembly gasket leaks.	Replaced pneumatic assembly and gasket.
9417	11/19/88	Weld Channel Containment Penetration Pressurization, Zone IV Nitrogen Back-up Pressure Indicator, PI-1322.	Pressure indicating needle is off shaft.	Replaced indicating needle on shaft.
9427	11/19/88	Emergency Safegaurds System, "Two is True" status panel.	#33 Fan cooler unit status lamp has a blown light bulb. #35 Fan cooler unit status lamp has a mis-positioned light bulb. Damper V1301 status lamp has incorrect wiring.	Replaced bulb. Repositioned light bulb with socket. Corrected wiring.
7475	11/20/88	Radiation Monitoring Sysytem, Main Steam Process Radiation Monitor R-62A/B (Channels I&IV) Recorder.	Cracked idler assembly.	Replaced idler assembly.
9398	11/21/88	Radiation Monitoring System, Vapor Containment Particulate Monitor, R-11.	Filter paper not advancing properly.	Replaced slow speed motor.
9445	11/22/88	Rod Control System, Individual Rod Position Indicator, N-9.	Broken meter pin connector.	Removed broken pin and replaced meter.
9261	11/22/88	Radiation Monitoring System, Charging Pump Room Area Radiation Monitor, R-4.	Local and remote alarms not functioning.	Installed new alarm circuit board.
9016	11/23/88	Radiation Monitoring System, Piping Penetration Area Monitor, R-69.	Faulty high voltage power supply.	Replaced high voltage power supply.
9008	11/23/88	Radiation Monitoring System, Primary Auxiliary Building General Area Monitor, R-65.	Faulty high voltage power supply.	Replaced high voltage power supply.

MONTHLY I & C CATEGORY I REPORT

November 1988
MONTH

WR#	DATE	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
9297	11/28/88	Radiation Monitoring System, Bantam-11 Computer for monitors R-19,26,65,67,68 and 70.	Faulty input/output power, supply and power isolation boards.	Replaced input/output, power supply and power isolation boards as needed to R-19, 26,65,67,68 and 70.
9443	11/29/88	Radiation Monitoring System, RAMS Building Area Monitor, R-55B.	Failure lamp fails to extinguish upon removal of detector cable.	Adjusted fail set bias pot R-12.
9440	11/30/88	Radiation Monitoring System, RAMS Building Disassembly Area Monitor, R-54B.	Failure lamp fails to extinguish upon removal of the detector cable.	Adjusted fail set bias pot R-12.

SUMMARY OF OPERATING EXPERIENCE

NOVEMBER 1988

Indian Point Unit No. 3 was synchronized to the bus for a total of 196.62 hours, producing a gross generation of 174,740 MWe.

On October 20, 1988, at 0129 hours, the unit was taken off the line, in a controlled shutdown, due to a two (2) GPM primary-to-secondary leak in No. 31 Steam Generator.

The unit proceeded to a cold shutdown condition to facilitate inspection, repairs and testing of No. 31 Steam Generator.

On November 22, at 1447 hours, after the Steam Generator inspection repair and testing programs were satisfactorily completed, the reactor was brought critical. The unit was synchronized to the bus at 1923 hours, and achieved full load on November 24, at 1230 hours.

The unit remained on line and at full load for the remainder of the reporting period.

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



December 2, 1988
IP3-88-073
IP3-88-276H

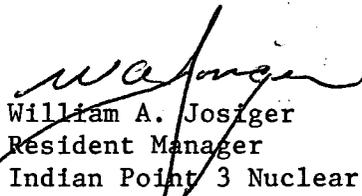
Docket No. 50-286
License No. DPR-64

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 November, 1988.

Very truly yours,


William A. Josiger
Resident Manager
Indian Point 3 Nuclear Power Plant

LK/sd:5:10
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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