

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 11-5-79
 COMPLETED BY C. Connell
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: October, 1979
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:
None

Notes

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	<u>745</u>	<u>7296</u>	<u>27793</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>5923.9</u>	<u>21,584.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>5825.0</u>	<u>21,032.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>15,703,498</u>	<u>56,104,467</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>4,982,330</u>	<u>18,365,101</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>4,794,627</u>	<u>17,643,437</u>
19. Unit Service Factor	<u>0</u>	<u>79.8</u>	<u>75.7</u>
20. Unit Availability Factor	<u>0</u>	<u>79.8</u>	<u>75.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>68.1</u>	<u>65.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>68.1</u>	<u>65.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.6</u>	<u>4.1</u>

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

Refueling Outage in Progress

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 9, 1979

26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

7911200

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 (9/77)

SUMMARY OF OPERATING EXPERIENCE - OCTOBER, 1979

The unit was shutdown all month for a refueling outage. During this period, the fuel shuffle was completed on October 11. All events are proceeding smoothly throughout the month with initial synchronization slated for the 9th of December.

MONTHLY I & C CATEGORY I REPORT

October 1979

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
9-21-79	IC-I-507-3B	CHAN I IEOPS	Power Supply erratic	Repaired P.S. Slide in tray to prevent ribbon connector from pulling out.
9-25-79	IC-I-00224-3C IC-I-00260-3C	IEOPS CHAN 2	Erratic operation of Annunciator when testing Sys.	Replaced defective relay FX-2 and Power Supply.

MONTHLY MAINTENANCE REPORT

October, 1979

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
10-5-79	I-620-3C	95' Equipment Hatch	Remove and replace hatch	Removed and replaced hatch as per procedure.
10-2-79	I-724-3C	80' Air Lock	Inspect and repair	Replaced Cam Followers on outer door.
10-4-79	I-642-3C	#31-34 Steam Generator	Preventive Sludge Lancing	Performed Sludge Lancing Removed/Replaced Handhole covers Torqued as per procedure.
10-2-79	I-718-3	S/G Blowdown	BD-1 Packing Leak	Repacked valve.
10-20-79	I-621-3C	#31-34 RCP Motor	Inspect and Repack Motor Upper Bracket Dowels	Inspected and repaired.
10-15-79	I-629-3C	Transfer Car Air Motor	Not functioning properly	Installed new air motor.
10-4-79	I-631-3C	PCV 455C PORV	Internal Leakage	Internals replaced.
10-4-79	I-632-3C	PCV-456 PORV	Internal Leakage	Internals replaced.
10-17-79	I-682-3D	Seal Table	Install LP Seals for refueling	Thimbles Pulled/Prepared for refueling.
10-10-79	I-732-3C	#32, 33, 34 MSIV	Preventive Maintenance	Operators renewed.
10-22-79	I-735-3C	Auxiliary Feed System	BFD-69 Seat leakage	Valve BFD-69 repaired.
10-16-79	I-741-3D	RCS Valves	Packing leaks	Repacked Valves 204 A&B, 562D, and 342
10-24-79	I-633-3C	#33 Reactor Coolant Pump	Preventive Maintenance	Checked and Repaired as per procedure.
10-26-79	I-634-3C	#34 Reactor Coolant Pump	Preventive Maintenance	Checked and Repaired as per procedure.
10-31-79	I-760-3C	#32 Fan Cooler Unit	Cooling Coil Bank Facing Inlet Plenum Fouled	Cleaned Coiling Coils
10-26-79	I-638-3C	#31 Steam Generator	Perform Tech. Spec. Channel Head Cladding Inspection	Removed Manways/Inspected Cladding
10-16-79	I-639-3C	#33 Steam Generator	Perform Tech. Spec. Channel Head Cladding Inspection	Channel Head Inspection Completed

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1979

DOCKET NO. 50-286
 UNIT NAME Indian Point #3
 DATE 11-5-79
 COMPLETED BY C. Connell
 TELEPHONE 914-739-8200

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
36	790914	S	744	C	1	NA	NA	NA	Refueling OUTage

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Point No. 3

DATE 11-5-79

COMPLETED BY C. Connell

TELEPHONE 914-739-8200

MONTH October, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	No Generation
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	↓

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	No Generation
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
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.

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT NO. 3 NUCLEAR POWER PLANT

P. O. BOX 215 BUCHANAN, N. Y. 10511

TELEPHONE: 914-739-8200



October 23, 1979
IP-CC-5999

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

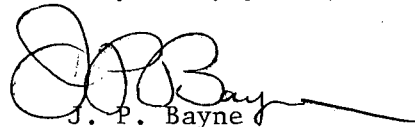
Director, Nuclear Reactor Regulation
Office of Management Information & Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Enclosed please find amended Page Five of the monthly operating report relating to Indian Point 3 Nuclear Power Plant for the month of September, 1979, previously submitted to you on October 15, 1979 as IP-CC-5832.

Please substitute the "Unit Shutdowns and Power Reductions" report for the one previously submitted.

Very truly yours,


J. P. Bayne
Resident Manager

CC/rbb
Enclosure

cc: Director, Office of Inspection & Enforcement (40 copies)
c/o Distribution Services Branch, DDC, ADM
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Boyce H. Grier, Director
Office of Inspection and Enforcement
Region I, U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19405

George T. Berry, President & Chief Operating Officer
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

Resident Inspector T. Rebelowski
George Wilverding, NYO
James Davis, NYO
P. W. Lyon, NYO

Aug 5, 11

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SeptemberDOCKET NO. 50-286UNIT NAME Indian Point 3DATE 10/3/79COMPLETED BY C. ConnellTELEPHONE (914) 739-8200

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
34	790901	S	63.8	A	1	N/A	HH	HTEXCH	River Water leakage through Condenser tubes to hotwells. Plugged leaking tubes.
35	790906	F	11.4	A	3	N/A	HH	Pump XX B	Loss of #32 MBF pump. Cleaned control oil orifices.
36	790914	S	385.4	C	1	N/A	N/A	N/A	Refueling Outage

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

(9/77)

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POWER AUTHORITY OF THE STATE OF NEW YORK

INDIAN POINT NO. 3 NUCLEAR POWER PLANT

P. O. BOX 215 BUCHANAN, N. Y. 10511

TELEPHONE: 914-739-8200



September 14, 1979

IP-CC-5627

Docket No. 50-286

License No. DPR-64

Director, Nuclear Reactor Regulation
Office of Management Information & Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Enclosed you will find two copies of the monthly operating report relating to Indian Point 3 Nuclear Power Plant for the month of August, 1979.

Very truly yours,

Sor

J. P. Bayne
Resident Manager

CC/rbb
Enclosure

cc: Director, Office of Inspection & Enforcement (40 copies)
c/o Distribution Services Branch, DDC, ADM
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Boyce H. Grier, Director
Office of Inspection and Enforcement
Region I, U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19405

George T. Berry, President & Chief Operating Officer
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

Resident Inspector T. Rebelowski
George Wilverding, NYO
James Davis, NYO
P. W. Lyon, NYO

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5-11*
REGULATORY DOCKET FILE COPY

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OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 9/5/79
 COMPLETED BY C. Connell
 TELEPHONE (914) 739-8200

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: August - 1979
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:

None

9. Power Level To Which Restricted, If Any (Net MWe): None

10. Reasons For Restrictions, If Any: N/A

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	26,328
12. Number Of Hours Reactor Was Critical	715.6	5,622.7	21,283.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	687.1	5,565.6	20,773.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,618,305	15,138,983	55,539,952
17. Gross Electrical Energy Generated (MWH)	469,420	4,822,830	18,205,601
18. Net Electrical Energy Generated (MWH)	447,004	4,643,644	17,492,454
19. Unit Service Factor	92.4	95.4	78.9
20. Unit Availability Factor	92.4	95.4	78.9
21. Unit Capacity Factor (Using MDC Net)	62.3	82.5	68.9
22. Unit Capacity Factor (Using DER Net)	62.3	82.5	68.9
23. Unit Forced Outage Rate	7.6	1.5	4.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling Outage September 1979

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 ~~_____~~
~~_____~~

7909180397

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT Indian Point
 No. 3
 DATE 9/5/79
 COMPLETED BY C. Connell
 TELEPHONE 914-739-8200

MONTH August 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>629</u>
2	<u>627</u>
3	<u>657</u>
4	<u>686</u>
5	<u>688</u>
6	<u>686</u>
7	<u>711</u>
8	<u>372</u>
9	<u>0</u>
10	<u>438</u>
11	<u>527</u>
12	<u>540</u>
13	<u>533</u>
14	<u>530</u>
15	<u>533</u>
16	<u>533</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>216</u>
18	<u>281</u>
19	<u>830</u>
20	<u>818</u>
21	<u>750</u>
22	<u>716</u>
23	<u>743</u>
24	<u>735</u>
25	<u>707</u>
26	<u>703</u>
27	<u>704</u>
28	<u>700</u>
29	<u>704</u>
30	<u>709</u>
31	<u>620</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

REPORT MONTH August 1979

DOCKET NO. 50-286
 UNIT NAME Indian point No. 3
 DATE 9/6/79
 COMPLETED BY C. Connell
 TELEPHONE (914) 739-8200

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
30	790808	F	32.6	A	3	N/A	EG	TRANSF	Transformer fault on B&C phase bushings of #31 main transformer Bushings repaired and Westinghouse checked out transformer.
31	790817	F	24.3	A	3	N/A	HA	RELAYX M	Ground in turbine trip circuitry. Ground corrected.
32	790821	F	1	A	1	N/A	HF	HTEXCH D	Load reduction due to condenser leaks, leaks sealed and load restored to normal
33	790831	F	9	A	1	N/A	HF	HTEXCH D	Load reduction due to condenser leaks, leaks sealed and load restored to normal

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

(9/77)

MONTHLY MAINTENANCE REPORT

August 1979

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
8-01-79	I-366-02	#33 Service Water Pump	Repair Pump	Replaced pump internals/installed motor, realigned.
8-03-79	I-590-1C	#32 Service Water Pump	Pump internals problem	Replaced worn internals/installed motor, realigned.
8-03-79	I-591-1C	#36 Service Water Pump	Pump internals problem	Replaced worn internals/installed motor, realigned.
5-13-79	I-525-02	#32 Charging Pump	#1 and #5 cylinders leak	Repacked #1 and #5 cylinders
8-13-79	I-546-02	Fuel Receipt	N/A	Received and stored new elements
8-03-79	I-588-02	#32 Charging Pump	Piston leakage	Repacked #1-4 cylinders
8-10-79	I-595-1B	#31 Main Steam	MSIV #31 S/G operator broken	Replaced defective operator assembly adjusted linkage
8-24-79	I-675-1C	#32 Diesel Generator	Lube oil strainers clogged	Cleaned oil strainers

MONTHLY I & C CATEGORY I REPORT

August 1979

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
8-13-79	IC-1-427-2	R19 PRM	Defective meter (remote)	Replaced meter (remote)
8-21-79	IC-1-454-2	R15 PRM	Defective remote meter	Replaced meter
8-22-79	IC-475-18	42 Power Range	Loss of H.V. output detector	Replaced H.V. power supply

Summary of Operating Experience August - 1979

Indian Point Unit 3 was synchronized to the bus for a total of 744 hours, producing a gross generation of 469,420 mwh for this reporting period. During this period, the unit experienced 2 trips, 1 load reduction and the setting of a new site record for continuous operation.

On August 8th at 12:35 the unit tripped due to a transformer fault on B & C phase bushings on #31 main transformer. At the time of this trip, the unit had been operating continuously since April 10th at 23:39, setting new site record of 119 days, 12 hours and 56 minutes of operation. The transformer was isolated and the unit was able to return to service at half load on August 9th at 21:12. On August 17th at 10:25, a unit trip occurred due to a ground in the turbine trip circuitry. While the unit was down #31 main transformer which had been repaired was reconnected and the unit was returned to service on August 18th at 10:42.

On August 21st, at 16:00 load was reduced due to the removal of two circulating water pumps because of condenser leaks. Load was increased to approximately 780 mw on August 22nd at 2000 after repairs were effected and remained that way until August 31st when condenser leaks again caused a load reduction. Load was reduced to 450 mw.