

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736.8001



Robert J. Barrett
Site Executive Officer

September 9, 1998
IPN-98-097

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
License No. DPR-64
Monthly Operating Report for August 1998

Dear Sir:

The attached monthly operating report, for the month of August 1998, is hereby submitted in accordance with Indian Point 3 Nuclear Power Plant Technical Specification 6.9.1.4.

The Authority is making no commitments in this letter.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Robert J. Barrett', with a stylized flourish at the end.

For Robert J. Barrett
Site Executive Officer
Indian Point 3 Nuclear Power Plant

cc: See next page

9809240150 980831
PDR ADOCK 05000286
R PDR

IE24/1

Attachments

cc: Mr. Hubert J. Miller
Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Resident Inspector's Office
Indian Point Unit 3
U.S. Nuclear Regulatory Commission
P.O. Box 337
Buchanan, NY 10511

U.S. Nuclear Regulatory Commission
ATTN: Director, Office of Information Resource Management
Washington, D.C. 20555

INPO Records Center
700 Galleria Parkway
Atlanta, Georgia 30339-5957

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE: 9-1-98
 COMPLETED BY: T. Orlando
 TELEPHONE NO: (914) 736-8340
 LETTER NO: IPN-98-097
 ATTACHMENT I
 PAGE 1 of 4

OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: August 1998
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): Approximately 520 net MWe
10. Reasons for Restrictions, If Any: No. 32 Main Transformer was out of service from August 10 - August 23

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	5831	193,008
12. Number Of Hours Reactor Was Critical	710.08	5769.63	110,415.89
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	622	5663.99	107,868.63
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,351,732	16,225,785	306,573,401
17. Gross Electrical Energy Generated (MWH)	433,720	5,422,340	96,922,405
18. Net Electrical Energy Generated (MWH)	412,548	5,233,735	93,272,289
19. Unit Service Factor	83.7	97.1	55.9
20. Unit Availability Factor	83.7	97.1	55.9
21. Unit Capacity factor (Using MDC Net)	57.5	93.0	51.1*
22. Unit Capacity Factor (Using DER Net)	57.5	93.0	50.1
23. Unit Forced Outage Rate	12.7	1.6	28.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):
25. If Shut Down At End Of Report Period. Estimated Date of Startup: September 2, 1998
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

* Weighted Average

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
 UNIT: IP-3
 DATE: 9-1-98
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MONTH August 1998

DAY	AVERAGE DAILY POWER	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>771</u>	17	<u>521</u>
2	<u>770</u>	18	<u>521</u>
3	<u>769</u>	19	<u>522</u>
4	<u>708</u>	20	<u>521</u>
5	<u>621</u>	21	<u>425</u>
6	<u>658</u>	22	<u>0</u>
7	<u>539</u>	23	<u>470</u>
8	<u>0</u>	24	<u>848</u>
9	<u>0</u>	25	<u>912</u>
10	<u>162</u>	26	<u>914</u>
11	<u>512</u>	27	<u>923</u>
12	<u>520</u>	28	<u>966</u>
13	<u>520</u>	29	<u>965</u>
14	<u>521</u>	30	<u>573</u>
15	<u>519</u>	31	<u>0</u>
16	<u>521</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.

DOCKET NO. 50-286
UNIT NAME: INDIAN POINT NO. 3
DATE: 8-10-98
COMPLETED BY: T. Orlando
TELEPHONE (914) 736-8340
LETTER NO: IPN-98-097
ATTACHMENT I
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1998

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
7	980722	F	N/A	A	N/A	N/A	EB	TRANSF	UNIT LOAD WAS REDUCED TO APPROXIMATELY 80% REACTOR POWER DUE TO AN INCREASED THERMAL INDICATION ON NO. 32 MAIN TRANSFORMER PHASE "A" BUSHING.
8	980807	F	56.47	A	N/A	N/A	EB	TRANSF	CONTROLLED SHUTDOWN IN ORDER TO REMOVE FROM SERVICE AND REPAIR NO. 32 MAIN TRANSFORMER.
9	980821	S	31.15	B	N/A	N/A	EB	TRANSF	CONTROLLED SHUTDOWN IN ORDER TO FACILITATE RETURNING NO. 32 MAIN TRANSFORMER TO SERVICE.
10	980830	F	33.92	A	3	1998-005	IA	XXXXXX	REACTOR TRIP DURING THE PERFORMANCE OF SURVEILLANCE TEST 3PT-Q94, PRESSURIZER LEVEL ANALOG FUNCTIONAL, DUE TO A DEGRADED RELAY IN THE REACTOR PROTECTION LOGIC MATRIX. RELAY WAS REPLACED.

1
F: Forced
S: Scheduled

2
Reason:
A- Equipment
B- Maintenance or Test
C- Refueling
D- Regulatory Restriction
E- Operator Training & Licensee Examination
F- Administrative
G- Operational Error
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 1 -
Same Source

SUMMARY OF OPERATING EXPERIENCE

August 1998

The Indian Point Unit No. 3 Nuclear Power Plant was synchronized to the bus for a total of 744 hours, producing a gross generation of 433,720 MWe.

On July 22, at 2201 hours, a unit load reduction commenced. The load reduction was necessary due to an increased thermal indication on No. 32 Main Transformer Phase "A" bushing. The unit reached approximately 80% reactor power on July 23, at 0027 hours.

On July 26, at 1605 hours, a load increase commenced. The unit achieved 90% reactor power at 2200 hours. The unit was returned to 80% reactor power on July 29, at 1755 hours, due to another increased thermal indication on No. 32 Main Transformer Phase "A" bushing. The unit remained on line at approximately 80% reactor power for the remainder of the reporting period.

On August 7, at 1800 hours, a controlled unit shutdown commenced in order to facilitate removing No. 32 Main Transformer from service for repairs. The unit was taken off line at 2148 hours. The unit was returned to service on August 10, at 0616 hours. Load escalation to 60% reactor power was completed on August 11, at 0245 hours. The unit remained at this power level due to No. 32 Main Transformer being out of service.

On August 21, at 1800 hours, a controlled unit shutdown commenced in order to facilitate returning No. 32 Main Transformer to service. The unit was taken off line at 2115 hours. The unit was returned to service on August 23, at 0424 hours. The unit achieved full load on August 27, at 2100 hours.

On August 30, at 1405 hours, the unit experienced an automatic reactor scram. The scram occurred during the performance of surveillance test 3PT-Q94, "Pressurizer Level Analog Functional Test." The trip occurred due to a degraded relay (LC-460A-X-B) in the Reactor Protection System Logic B matrix for Channel II of Pressurizer High Level. When the test tripped the High Pressurizer Level reactor trip bistable for Channel I, the two out of three logic for the trip was made up and a reactor trip was initiated. The plant was stabilized in the hot shutdown condition and remained off line for the remainder of the reporting period.