

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736-8001



**New York Power
Authority**

Joseph E. Russell
Resident Manager

October 15, 1992
IP3-NRC-92-077

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

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

Dear Sir:

Enclosed you will find the monthly operating report relating to Indian Point 3 Nuclear Plant for the month of September 1992.

Very truly yours,

A handwritten signature in black ink, appearing to read 'J. E. Russell', written over the typed name.

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

JER:dc

Enclosure

cc: Mr. Thomas T. Martin, Regional Administrator
Region I
U.S. 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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OPERATING DATA REPORT

Docket No. 50-286
 Date 10-01-92
 Completed By L. Kelly
 Telephone (914) 736-8340

OPERATING STATUS

Notes

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: September 1992
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	6,575	141,024
12. Number of Hours Reactor Was Critical	333.70	3,498.64	88,688.20
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	300.97	3,373.53	86,292.77
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	673,258	9,553,447	245,258,095
17. Gross Electrical Energy Generated (MWH)	220,450	3,216,310	76,437,015
18. Net Electrical Generated (MWH)	209,855	3,105,770	73,509,757
19. Unit Service Factor	41.8	51.3	61.2
20. Unit Availability Factor	41.8	51.3	61.2
21. Unit Capacity Factor (Using MDC Net)	30.2	48.9	55.4 *
22. Unit Capacity Factor (Using DER Net)	30.2	48.9	54.0
23. Unit Forced Outage Rate	58.2	14.0	15.5
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: Oct. 12, 1992

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 10-01-92
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

MONTH September 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	978
2	936
3	38
4	40
5	378
6	935
7	975
8	903
9	578
10	575
11	580
12	581
13	584
14	583
15	82
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
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 NO. 3
 DATE 10-01-92
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

REPORT MONTH September 1992

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
06	920903	F	38.45	B	N/A	N/A	HA	TURBIN	MANUALLY SECURED THE UNIT TO ALLEVIATE VIBRATION AMPLITUDES ON THE MAIN TURBINE GENERATOR.
07	920908	F	N/A	A	N/A	N/A	CH	PUMPXX B	REDUCED LOAD TO SECURE NO. 32 MAIN BOILER FEED PUMP (MBFP) WHICH EXHIBITED EXCESSIVE VIBRATIONS. UNIT WAS STABILIZED AT APPROXIMATELY 600 MWe.

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment
B-Maintenance or Test
C-Refueling
D- Regulatory Restriction

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-286
 UNIT NAME INDIAN POINT NO. 3
 DATE 10-01-92
 COMPLETED BY L. Kelly
 TELEPHONE (914) 736-8340

REPORT MONTH September 1992

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
08	920915	F	380.58	A	3	92-015-00	CH	INSTRU C	AN ANTICIPATORY LOW STEAM GENERATOR LEVEL AUTOMATIC REACTOR TRIP WAS CAUSED WHEN BISTABLE LC-447D FAILED FROM AN INTERNAL FAULT AND LEVEL CONTROLLER LC-447M BECAME ERRATIC.

1
F: Forced
S: Scheduled

2
Reason:
 A-Equipment
 B-Maintenance or Test
 C-Refueling
 D- Regulatory Restriction

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

SUMMARY OF OPERATING EXPERIENCE

SEPTEMBER 1992

Indian Point Unit No. 3 was synchronized to the Bus for a total of 300.97 hours, producing a gross generation of 220,450 MWe.

On September 2, at 2000 hours, a load reduction commenced in order facilitate taking the unit off line to address excessive vibrations caused by the units Main Turbine Generator. On September 3, at 0403 hours, the unit was manually secured in order to mitigate these vibrations. At 1817 hours, the reactor automatically shutdown due to a low water level in No. 34 Steam Generator. After the excessive vibrations were mitigated by the addition of balance weights on the Main Turbine Generator, the reactor was brought critical on September 4, at 0340 hours. The unit was synchronized to the bus at 1830 hours. The unit achieved full power on September 6, at 0845 hours.

On September 8, at 1900 hours, operators had identified a significant increase in measured vibration levels on No. 32 MBFP and a load reduction commenced in order to allow No. 32 Main Boiler Feed Pump (MBFP). At 1939 hours, the pump was secured and plant load was stabilized at approximately 600 MWe.

On September 15, at 0255 hours with the unit at approximately 600 MWe, bistable LC-447D failed from an internal short. Following this event the bistables associated with No. 34 Steam Generator Level Channel II were tripped. At 0325 hours, level controller LC-447M became erratic and caused No. 34 Steam Generator Feedwater Regulating Valve to close. These two independent instrument failures led to an anticipatory low steam generator level reactor trip. The plant then proceeded to the Cold Shutdown (CSD) condition in order to facilitate repairs to the Main Turbine Generator foundation and #32 MBFP.

The unit remained in the CSD condition for the remainder of the reporting period.