

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



**New York Power
Authority**

L. M. Hill
Site Executive Officer

August 11, 1995
IPN-95-086

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 July 1995

Dear Sir:

The attached monthly operating report, for the month of July 1995, is hereby submitted in accordance with Indian Point 3 Nuclear Power Plant Technical Specification 6.9.1.4. During the operating period the pressurizer power operated relief valves (PORVs) cycled. In accordance with Technical Specification 6.9.1.4 a challenge to the PORVs is being documented by this report.

The Authority is making no commitments in this letter.

Very truly yours,

L.M. Hill
Site Executive Officer
Indian Point 3 Nuclear Power Plant

LMH/cbr

Attachment

cc: See next page

9508220294 950731
PDR ADDCK 05000286
R PDR

JE24

cc: Thomas T. Martin
Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

U.S. Nuclear Regulatory Commission
Resident Inspectors' Office
Indian Point 3 Nuclear Power Plant

John J. McOscar, Director
Division of Resource Management and Administration
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

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

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 8-1-95
 COMPLETED BY T. Orlando
 TELEPHONE (914) 736-8340
 IPN-95-086
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OPERATING STATUS

1. Unit Name: Indian Point No. 3 Nuclear Power Plant
2. Reporting Period: July 1995
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	<u>744</u>	<u>5087</u>	<u>165,960</u>
12. Number of Hours Reactor Was Critical	<u>726.9</u>	<u>797.8</u>	<u>92,687.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>621.4</u>	<u>622.2</u>	<u>90,085.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,419,280</u>	<u>1,424,998 *</u>	<u>255,494,700 *</u>
17. Gross Electrical Energy Generated (MWH)	<u>455,500</u>	<u>455,550</u>	<u>79,844,155</u>
18. Net Electrical Generated (MWH)	<u>434,533</u>	<u>434,550</u>	<u>76,791,686</u>
19. Unit Service Factor	<u>83.5</u>	<u>12.2</u>	<u>54.3</u>
20. Unit Availability Factor	<u>83.5</u>	<u>12.2</u>	<u>54.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>60.5</u>	<u>8.9</u>	<u>49.1 **</u>
22. Unit Capacity Factor (Using DER Net)	<u>60.5</u>	<u>8.9</u>	<u>48.0</u>
23. Unit Forced Outage Rate	<u>14.4</u>	<u>87.7</u>	<u>29.0</u>

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: _____

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

* Reflects a correction from June 1995

** Weighted Average

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286
UNIT IP-3
DATE 8-1-95
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MONTH JULY 1995

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	0
2	67
3	71
4	185
5	258
6	313
7	664
8	863
9	869
10	516
11	429
12	430
13	4
14	6
15	529
16	866

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	868
18	878
19	897
20	68
21	109
22	567
23	966
24	966
25	967
26	886
27	972
28	971
29	974
30	974
31	972

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 8-1-95
 COMPLETED BY T. Orlando
 TELEPHONE (914) 736-8340
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REPORT MONTH JULY 1995

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
2	950629	F	1.18	A	2	95-012-00	CH	PUMP XX B	MANUAL UNIT TRIP DUE TO THE INABILITY OF NO. 32 MAIN BOILER FEED PUMP TO OPERATE. THIS CAUSED LOW LEVELS IN THE PLANT'S STEAM GENERATORS.
3	950702	S	18.35	B	NA	NA	HA	TURBIN	MANUALLY SHUTDOWN THE TURBINE IN ORDER TO PERFORM SURVEILLANCE TEST 3PT-V21, <u>TURBINE GENERATOR OVERSPEED TRIP TEST</u> . ALSO DURING THIS TIME PERIOD, BALANCE MOVES WERE PERFORMED ON THE UNITS MAIN TURBINE GENERATOR IN ORDER TO REDUCE VIBRATIONS.

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

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REPORT MONTH JULY 1995

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
4	950710	F	NA	A	NA	NA	SH	INSTRU X	TURBINE RUNBACK FROM 89% POWER TO 50% POWER WHILE SECURING FROM SURVEILLANCE TEST 3PT-V11, OVERTEMPERATURE DELTA T/OVER POWER DELTA T. TEMPERATURE MODULE TM-412D WAS FOUND TO HAVE A FAULTY SIGNAL GENERATOR.
5	950713	F	44.8	A	1	NA	XX	VALVE XX	MANUAL SHUTDOWN DUE TO PRESSURIZER SAFETY RELIEF VALVE PCV-464 INDICATING SIGNS OF LEAKING BY ITS SEAT.
6	950720	F	34.32	B	NA	NA	ED	TRANSF	MANUALLY SHUTDOWN THE TURBINE DUE TO ADVERSE CONDITIONS THAT EXISTED IN THE UNIT AUXILIARY TRANSFORMER. ALSO, DURING THIS PERIOD, ADDITIONAL BALANCE MOVES WERE PERFORMED ON THIS UNIT'S MAIN TURBINE GENERATOR IN ORDER TO REDUCE VIBRATIONS.

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SUMMARY OF OPERATING EXPERIENCE

JULY 1995

Indian Point Unit No. 3 was synchronized to the bus for a total of 621.4 hours producing a gross generation of 455,500 Mwe.

On June 29, at 1950 hours, control room operators manually tripped the reactor in response to low levels in the plant's steam generators. The low levels were caused by the inability of No. 32 Main Boiler Feed Pump (MBFP) to adequately provide feedwater flow to the steam generators.

The reactor was brought critical on June 30, at 1853 hours and the unit synchronized to the bus on July 2, at 0111 hours.

On July 2, at 1755 hours, the turbine was manually shutdown for a scheduled outage to perform surveillance test 3PT-V21, Turbine Generator Overspeed Trip Test. Also, during this time period, balance moves were performed on the unit's main turbine generator in order to reduce vibrations. The unit was synchronized to the bus on July 3, at 1216 hours.

On July 10, at 0428 hours, with the unit at approximately 89% reactor power, a turbine runback to approximately 50% reactor power was experienced. During the performance of surveillance test 3PT-V11, Overtemperature Delta T/Overpower Delta T, temperature module TM-412D was found to have a faulty signal generator. While securing from the test, due to the faulty module, an overpower delta T runback occurred. The unit was then stabilized at 50% reactor power.

Also during this event, both pressurizer power operated relief valves (PORVs) cycled due to an elevated reactor coolant temperature and pressure. Evidence indicates they were in the open position for a few seconds. (This is being reported as required by Technical Specification 6.9.1.4.)

Following this event, pressurizer safety valve RC-PCV-464 indicated signs of leaking by its seat. In response to this, the turbine was manually shutdown on July 13, at 0118 hours, and the reactor manually shutdown at 0145 hours. Reactor coolant pressure was then reduced to reseal the valve. After this procedure proved successful, the reactor was brought critical on July 14, at 1524 hours, and the unit synchronized to the bus at 2206 hours.

On July 19, at 1830 hours, the unit achieved full power. At 2000 hours, a controlled load reduction commenced to remove the unit from service. The unit was manually shutdown on July 20, at 0602 hours. This was necessary to perform repairs on the unit auxiliary transformer which had shown evidence of high combustibles and high oxygen levels during routine oil sampling. An investigation showed that a vendor had not properly tightened bolts on the tap changer. Also, during this time period, additional balance moves were performed on the unit's main turbine generator in order to reduce vibrations.

After successful completion of the unit auxiliary transformer repairs and balancing of the main turbine generator, the unit was synchronized to the bus on July 21, at 1621 hours. The unit achieved full power on July 22, at 2359 hours, and remained on line at full power for the remainder of the reporting period.