

OPERATING DATA REPORT

DOCKET NO. 50-286
 DATE 4/3/80
 COMPLETED BY C. Connell
 TELEPHONE 914 739-8200

OPERATING STATUS

1. Unit Name: Indian Pt. No. 3 Nuclear Power Plant
2. Reporting Period: March, 1980
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): 952
7. Maximum Dependable Capacity (Net MWe): 917
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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>744</u>	<u>2,184</u>	<u>31,441</u>
12. Number Of Hours Reactor Was Critical	<u>563.5</u>	<u>1,093.4</u>	<u>22,678.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>478.5</u>	<u>825.8</u>	<u>21,858.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>991,653</u>	<u>1,290,502</u>	<u>57,394,969</u>
17. Gross Electrical Energy Generated (MWH)	<u>275,840</u>	<u>343,180</u>	<u>18,708,281</u>
18. Net Electrical Energy Generated (MWH)	<u>258,929</u>	<u>326,269</u>	<u>17,959,701</u>
19. Unit Service Factor	<u>64.3</u>	<u>37.8</u>	<u>69.5</u>
20. Unit Availability Factor	<u>64.3</u>	<u>37.8</u>	<u>69.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>38.0</u>	<u>16.3</u>	<u>62.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>36.1</u>	<u>15.5</u>	<u>59.2</u>
23. Unit Forced Outage Rate	<u>33.5</u>	<u>24.9</u>	<u>5.1</u>

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

NONE

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-286

UNIT Indian Pt. No. 3

DATE 4/3/80

COMPLETED BY C. Connell

TELEPHONE 914- 739-8200

MONTH March - 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	343	17	323
2	451	18	83
3	714	19	590
4	494	20	629
5	154	21	622
6	0	22	573
7	0	23	622
8	0	24	620
9	0	25	624
10	0	26	630
11	0	27	476
12	0	28	150
13	0	29	606
14	314	30	615
15	343	31	274
16	539		

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 March, 1980

Page 1
DOCKET NO. 50-286
UNIT NAME Indian Pt. No. 3
DATE 4/3/80
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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
3	800304	F	7.2	A	3		HH	PUMP XX B	Loss of 31 MBFP-Clear Control Block
4	800305	F	10.4	G	3		HB	VALVEX C	33 MSIV Inadvertently Tripped - Installed Cages
5	800305	F	4.9	A	3		HA	TURBIN	Thrust Bearing Turbine Trip - Cleaned Detector
6	800306	F	188.6	B	3		HH	PUMP XX B	31,32, MBFP Control System Flushing
7	800317	S	24.7	B	1		HH	PIPE XX A	Main Feedwater Drain Line Weld Leak - Repaired weld.
8	800322	F	0	F	4		HF	FILTER	Blockage to Intake Screens - Cleaned Screens
9	800327	F	15.7	G	3		HH	PUMP XX B	Air introduced into system when valving in 31 condensate pump causing steam flow/feed-flow mismatch - Instructed Operators

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)

(9/77)

⁵
 Exhibit H Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1980

DOCKET NO. 50-286
 UNIT NAME Indian Pt. #3
 DATE 4/3/80
 COMPLETED BY C. Connell
 TELEPHONE 9.4-739-8200

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
10	800328	F	3.8	A	3		HA	TURBIN	Thrust Bearing Turbine Trip - Cleaned Detectors
11	800331	F	10.2	A	3		IA	INSTRU P	32 Static Inverter failed. - Inspected inverter

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 Event Report (LER) File (NUREG-
 0161)

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 Exhibit H Same Source

(9/77)

Summary of Operating Experience - March 1980

Indian point Unit 3 was synchronized to the bus for a total of 478.5 hours producing a gross generation of 275,840 MWe for this reporting period. During this period the unit experienced several trips, a load reduction and a scheduled shutdown.

Commenced load increase to 90% to complete NIS calibration. On March 4 the unit experienced a trip at 15:45 due to the loss of No. 31 Main Boiler Feedwater Pump. Upon return to service at 22:59 the same day, the unit continued load escalation to 90%. On March 5 at 10:57 the unit experienced a trip when 33 Main Steam Isolation Valve was accidentally tripped. The unit was returned to service at 21:18 that same day. At 21:22 a turbine thrust bearing trip was experienced. This was attributed to a blockage in the thrust bearing trip detection device. On subsequent startup a low steam generator level and reactor trip was experienced due to erratic operations of 31 Main Boiler Feed Pump. The plant was brought to hot shutdown and a comprehensive flush of the Main Boiler Feed Pump control system was conducted. Upon completion of flush the unit was returned to service on March 13 at 22:50. On March 16 a weld leak developed on a drain line off the main feedwater header and a scheduled shutdown for repair was instituted on March 17 at 14:09. Unit was returned to service on March 18 at 14:49 and commenced load increase consistent with two condensate pumps. On March 22 three circulating water pumps were secured due to a blockage to intake screens. Unit load was decreased to approximately 300 MWw for several hours. Commenced load increase upon completion of the intake screen cleaning. On March 27 the unit tripped at 18:19 due to steam flow/feed flow mismatch caused by valving in 31 Condensate Pump when air was introduced into the system. Unit was returned to service on March 28 at 10:03 and at 10:40 the unit experienced a turbine thrust bearing trip. This was attributed to a blockage in the thrust bearing trip detection device. That same day the unit was returned to service at 14:26. Commenced plant shutdown on March 29 at 06:00 when allowable technical specification time was exhausted for 31 Auxiliary Boiler Feedwater Pump. The pump was subsequently declared operable at 11:42 that same day and the unit load was increased to 660 MWe. On March 31 the unit experienced a trip at 09:18 when No. 32 Static Inverter failed and resulted in a steam flow/feed flow mismatch. Upon completion of the static inverter repair the unit was returned to service at 19:33 that same day.

MONTHLY I & C CATEGORY I REPORT

March 1980

Month

Date	W.R. #	Equipment	Malfunction	Corrective Action
3/25/80	IC-1-606-3C	BAHT Recorder	CKT 39 #32 BA Tranfer pump strip Heaters Inop.	Replaced open strip heater

MONTHLY MAINTENANCE REPORT

MARCH 1980

Month

DATE	W.R. #	EQUIPMENT	MALFUNCTION	CORRECTIVE ACTION
3-17	I-967	#33 Charging Pump	Excessive Seal Leak	Replaced Seals, Adapters, & Plungers
2-28	I-862	#31 Spent Fuel Pit Cooling	Excessive Vibration	Renewed Pump Internals
3-12	I-981	Valve 562B	Excessive packing Leak	Replaced Packing
3-12	I-982	Valve 562D	Excessive Packing Leak	Replaced packing
3-12	I-983	Valve 561D	Excessive Packing Leak	Replaced Packing
3-24	I-922/941	#31 Pzr BU Htr Group Bkr	Breaker Does Not Close	Replaced Trip Coil
3-28-80	I-818	Valve 223	Insulation Damaged	Replaced Insulation