



Consumers  
Power

**POWERING  
MICHIGAN'S PROGRESS**

Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720

February 1, 1990

Thomas W Elward  
Plant Manager

Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Dear Sir:

Enclosed please find the statistical data for the Big Rock Point Nuclear Plant covering the period of January 1, 1990 through January 31, 1990.

Sincerely,

T W Elward  
Plant Manager

Enclosures

cc: Administrator Region III, Nuclear Regulatory Commission  
DRHahn, Department of Public Health  
RCallen, Michigan Public Service Commission  
SHall, Michigan Department of Labor  
PDKrippner, American Nuclear Insurers  
INPO Record Center  
NRC Resident Inspector  
Document Control, Big Rock Point, 740/22\*35\*10  
DPHoffman, P24-117B  
KWBerry, P24-614B  
File

9002150072 900131  
PDR ADOCK 05000155  
R PDC

1524  
11

NUCLEAR OPERATION DEPARTMENT  
Unit Shutdowns and Power Reductions

Report Month January 1990	Docket Number 56-158	Unit Big Rock Point Plant	Date February 1, 1990	Completed by JRJohnston	Telephone (616) 547-6537 ext 223
------------------------------	-------------------------	------------------------------	--------------------------	----------------------------	-------------------------------------

Number	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report Number	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
	----	-	-----	-	-	None	-----	-----	
<p>Note: A correction to the October, 1989 Gray Book Report has been made. The total hours critical for October, 1989 should read 644.8 hrs, not the 642.0 hrs reported.</p>									

<sup>1</sup>F = Forced  
S = Scheduled

<sup>2</sup>Reason:  
A = Equipment Failure (Explain)  
B = Maintenance of Test  
C = Refueling  
D = Regulatory Restriction  
E = Operator Training and License Examination  
F = Administrative  
G = Operational Error (Explain)  
H = Other (Explain)

<sup>3</sup>Method:  
1 = Manual  
2 = Manual Scram  
3 = Automatic Scram  
4 = Other (Explain)

<sup>4</sup>Exhibit G = Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>Exhibit I = Same Source

GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155      DATE: 2 / 1 / 90  
 BY: J.R. JOHNSON  
 PHONE: 616-547-6537, EXT 223

OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT
2. REPORTING PERIOD: 1 / 90
3. LICENSED THERMAL POWER (MWT): 240
4. NAMEPLATE RATING (GROSS MWE): 75
5. DESIGN ELECTRICAL RATING (NET MWE): 72
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 71.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 67.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:

NOTES:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE):
10. REASONS FOR RESTRICTIONS, IF ANY:

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	744.0	235339.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	169890.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	744.0	167033.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MMWH)	167637.0	167637.0	31731097.0
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	53497.0	53497.0	10071145.0
18. NET ELECTRICAL ENERGY GENERATED (MMH)	50850.1	50850.1	9552283.7
19. UNIT SERVICE FACTOR	100.0%	100.0%	71.0%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	71.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.0%	102.0%	60.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	94.9%	94.9%	56.2%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	12.5%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

DAY

AVERAGE DAILY POWER (MWT)

(MWEN)

(1/90)

-

CYCLE

24

1	222.00	67.20
2	220.25	67.07
3	223.67	67.75
4	226.79	68.56
5	226.96	68.68
6	227.08	68.26
7	228.58	69.40
8	227.71	69.14
9	229.00	68.94
10	224.67	68.74
11	225.75	68.52
12	224.71	68.27
13	224.21	68.10
14	223.87	67.95
15	223.79	67.90
16	225.71	68.37
17	225.92	68.00
18	225.87	68.57
19	224.58	68.27
20	226.54	68.69
21	226.04	68.45
22	225.12	68.20
23	226.25	68.61
24	223.29	68.40
25	224.75	68.20
26	224.75	68.02
27	223.50	67.86
28	226.54	68.85
29	225.58	68.48
30	224.87	68.23
31	227.00	68.06

Refueling Information Request

1. Facility name: Big Rock Point Plant
2. Scheduled date for next refueling shutdown: September, 1990
3. Scheduled date for restart following shutdown: October, 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, explain:

If no, has the reload fuel design and core configuration been reviewed by Plant Safety Review Committee to determine whether any unreviewed safety questions as associated with the core reload (Reference 10 CFR, Section 50.59)? No

If no review has taken place, when is it scheduled? Next outage

5. Scheduled date(s) for submittal of proposed licensing action and supporting information:
6. Important licensing considerations associated with refueling, eg, new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design new operating procedures:
7. Number of fuel assemblies in: core 84; spent fuel storage pool 254; new fuel storage 0.
8. Present licensed spent fuel storage capacity: 441  
Size of any increase in licensed storage capacity that has been requested or is planned (in number of fuel assemblies): 0
9. Projected date of last refueling that can be discharged to spent fuel pool assuming the present license capacity: 1995