



July 1, 1997

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 June 1, 1997 through June 30, 1997.

Sincerely,

K J Shields  
Reactor Engineer

Enclosures

cc: Administrator Region III, Nuclear Regulatory Commission  
DR Hahn, Department of Environmental Quality  
JR Padgett, Michigan Public Service Commission  
R Aben, Michigan Department of Labor  
MP Cass, American Nuclear Insures  
B Lewis, McGraw-Hill, Inc.  
SM McIntyre, P26-201  
KP Powers, Big Rock Point  
GC Withrow, Big Rock Point  
NRC Resident Inspector, Big Rock Point  
Document Control, Big Rock Point, 740°22°35°10  
File

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PDR ADOCK 05000159  
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# NUCLEAR OPERATIONS DEPARTMENT Unit Shutdown and Power Reductions

Report Month June, 1997	Docket Number 55-150	Unit Big Rock Point Plant	Date July 1, 1997	Completed by JR Johnston	Telephone (616) 547-8223
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Number	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licenses Event Report Number	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
97-02	05/27/97 Thru 06/30/97	S	720 Hrs	H	4				05/27/97 at 17:40; The unit reached the "All Rods - All Out" mode and started coast down towards the 1997 refueling outage. (Total derate hours: 174.3)

<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 = Regulatory Restriction  
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 1 = Same Source

## GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155

DATE: 7 / 1 / 97

BY: JR JOHNSTON

PHONE: 616-547-8223

## OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT  
2. REPORTING PERIOD: 6 / 97  
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	720.0	4343.0	300306.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	2118.5	217822.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	2031.5	214408.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	144379.0	406383.0	41580644.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	46676.0	130410.0	13216079.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	44238.8	123519.7	12504781.0
19. UNIT SERVICE FACTOR	100.0%	46.8%	71.4%
20. UNIT AVAILABILITY FACTOR	100.0%	46.8%	71.4%
21. UNIT CAPACITY FACTOR (USING MDC NET)	91.7%	42.4%	61.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	85.3%	39.5%	57.8%
23. UNIT FORCED OUTAGE RATE	0.0%	53.2%	12.0%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): Refueling, August 31, 1997, 60 Days.

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

DAY	AVERAGE DAILY POWER(MWT)	(MWEN)	( 6/97) - CYCLE 29
1	213.58	65.11	
2	212.67	64.81	
3	211.92	64.53	
4	210.04	64.25	
5	209.38	64.00	
6	208.42	63.71	
7	207.17	63.47	
8	206.71	63.18	
9	205.29	62.89	
10	204.54	62.63	
11	203.63	62.51	
12	203.08	62.06	
13	202.50	61.95	
14	201.83	61.70	
15	200.54	61.49	
16	199.75	61.25	
17	199.00	60.99	
18	198.04	60.79	
19	197.46	60.55	
20	196.92	60.35	
21	195.67	60.15	
22	196.00	59.90	
23	194.00	59.65	
24	193.67	59.42	
25	191.88	59.22	
26	192.63	59.03	
27	190.54	58.78	
28	190.50	58.54	
29	189.75	58.32	
30	188.71	58.07	

Refueling Information Request

1. Facility Name:

Big Rock Point Plant

2. Scheduled date for next refueling shutdown:

Decommissioning.

3. Scheduled date for restart following shutdown:

Decommissioning.

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) ?

Decommissioning.

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

5. Scheduled date(s) for submittal of proposed licensing action and supporting information:

N/A.

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:

None.

7. Number of fuel assemblies in:

Core = 84.

Spent Fuel Pool Storage = 358.

New Fuel Storage = 22.

8. Present licensed spent fuel pool storage capacity:

441

Size of any increase in licensed storage capacity that has been requested or 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:

Last total core off load 1996.

Last refueling 1996.

## Operating Status Report - Nuclear Regulatory Commission

Prepared by: James R. Johnston Date: 7/1/1997  
 Reviewed by: Kevin J. Shields Date: 7/1/97  
 (Reactor Engineer or Alternate)

Copy to be sent to the following by the seventh day of each month:

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Document Control Center, Big Rock Point Plant  
 DCC 740\*22\*35\*10  
 (740\*22\*10\*04) Cross Reference