



April 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 March 1, 1997 through March 31, 1997.

Sincerely,

K J Shields
Reactor Engineer

Enclosures

cc: Administrator Region III, Nuclear Regulatory Commission
DRHahn, Department of Environmental Quality
JRPadgett, Michigan Public Service Commission
Raben, Michigan Department of Labor
MPCass, American Nuclear Insures
FYost, Research Services Utility Data Institute
RAFenech, Palisades
SMMcintyre, P26-204
KP Powers, Big Rock Point
GCWithrow, Big Rock Point
NRC Resident Inspector, Big Rock Point
Document Control, Big Rock Point, 740*22*35*10
File

IE24
11

9704090122 970331
PDR ADOCK 05000155
R PDR



Operating Status Report - Nuclear Regulatory Commission

Prepared by: James R Johnston Date: 4/1/1997
 Reviewed by: Kevin J Shields Date: 4/1/1997
 (Reactor Engineer or Alternate)

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

Nuclear Regulatory Commission
 Document Control Desk
 Washington, DC 20555

Robert Aben, Assistant Chief
 Bureau of Construction Codes
 Michigan Department of Labor
 7150 Harris Drive, Box 30015
 Lansing, MI 48909

Administrator
 Region III - USNRC
 801 Warrenville Road
 Lisle, IL 60532-4351

American Nuclear Insurers
 Att: MP Cass
 Town Center, Suite 300S
 29 South Main Street
 West Hartford, CT 06107-2445

DR Hahn
 Department of Environmental Quality
 3500 North Logan
 Lansing, MI 48906

Fred Yost
 Director, Research Services
 Utility Data Institute
 1700 K Street, N.W.
 Suite 400
 Washington, DC 20006

JR Padgett
 Michigan Public Service Commission
 PO Box 30221
 Lansing, MI 48909

Routing Copy:

RA Fenech, Palisades Plant

SM McIntyre, P26-204

KP Powers, Big Rock Point Plant

GC Withrow, Big Rock Point Plant

NRC Resident Inspector, Big Rock Point Plant

Document Control Center, Big Rock Point Plant
 DCC 740°22'35"10
 (740°22'10"04) Cross Reference

NUCLEAR OPERATIONS DEPARTMENT Unit Shutdown and Power Reductions

Report Month March, 1997	Docket Number 55-150	Unit Big Rock Point Plant	Date April 1, 1997	Completed by JR Johnston	Telephone (616) 547-8223
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Number	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report Number	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
97-01	03/02/97 Thru 03/31/97	F	697.5 Hrs	A	1, 2				On 03/02/96 at 22:32; The unit was removed from service to investigate and repair leakage from MO-7071 and/or VPI-303 on the post incident system. After the unit was removed from service, the reactor was manually scrammed to fully insert the remaining withdrawn control rod drives. After repairs are complete, the unit will return to normal service. (Total outage hours: 697.5)

¹F = Forced
S = Scheduled

²Reason:
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)

³Method:
1 = Manual
2 = Manual Scram
3 = Automatic Scram
4 = Other (Explain)

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

⁵Exhibit 1 = Same Source

GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155

DATE: 4 / 1 / 97

BY: JR JOHNSTON

PHONE: 616-547-8223

OPERATING STATUS

NOTES:

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT
2. REPORTING PERIOD: 3 / 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:

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	2160.0	298123.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	46.5	697.5	216401.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	46.5	681.0	213058.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	9500.0	132756.0	41307017.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	3016.0	42718.0	13128387.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	2854.4	40399.5	12421660.8
19. UNIT SERVICE FACTOR	6.3%	31.5%	71.5%
20. UNIT AVAILABILITY FACTOR	6.3%	31.5%	71.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	5.7%	27.9%	61.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	5.3%	26.0%	57.9%
23. UNIT FORCED OUTAGE RATE	93.8%	68.5%	11.7%

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: April 5, 1997.

02/06/97 RUNTIME=04/01/97 13:15:39

1 STAT: VERSION 97.001: EA-B-STATS-97-C1

(3/97) - CYCLE 29

(MWEN)

AVERAGE DAILY POWER(MWT)

1	222.50	67.54
2	173.33	51.39
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00
6	0.00	0.00
7	0.00	0.00
8	0.00	0.00
9	0.00	0.00
10	0.00	0.00
11	0.00	0.00
12	0.00	0.00
13	0.00	0.00
14	0.00	0.00
15	0.00	0.00
16	0.00	0.00
17	0.00	0.00
18	0.00	0.00
19	0.00	0.00
20	0.00	0.00
21	0.00	0.00
22	0.00	0.00
23	0.00	0.00
24	0.00	0.00
25	0.00	0.00
26	0.00	0.00
27	0.00	0.00
28	0.00	0.00
29	0.00	0.00
30	0.00	0.00
31	0.00	0.00

Refueling Information Request

1. Facility Name:

Big Rock Point Plant

2. Scheduled date for next refueling shutdown:

August, 1997.

3. Scheduled date for restart following shutdown:

60 Day Duration.

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) ?

To be performed once core loading determined for cycle 30.

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 1999.