



NUCLEAR OPERATIONS DEPARTMENT  
Unit Shutdowns and Power Reductions

Report Month August 1985	Docket Number 50-155	Unit Big Rock Point Plant	Date Sept. 4, 1985	Completed by LLBalch	Telephone (616)547-6537 X 180
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Number	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down <sup>3</sup> Reactor	Licensee Event Report Number	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
←									
NONE									
→									

<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

## OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT
2. REPORTING PERIOD: 8 / 85
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): 73.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 69.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:

NOTES:

PHONE: 616-547-6537, EXT 180

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): 0.0
10. REASONS FOR RESTRICTIONS, IF ANY:

## THIS MONTH

## YEAR-TO-DATE

## CUMULATIVE

11. HOURS IN REPORTING PERIOD	744.0	5831.0	196602.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5293.9	139986.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	5249.0	137447.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	105782.0	984509.0	25837064.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	34022.0	316731.0	8173982.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	31918.6	299131.0	7728871.9
19. UNIT SERVICE FACTOR	100.0%	90.0%	69.9%
20. UNIT AVAILABILITY FACTOR	100.0%	90.0%	69.9%
21. UNIT CAPACITY FACTOR (USING MDC NET)	62.2%	74.3%	58.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	59.6%	71.3%	54.6%
23. UNIT FORCED OUTAGE RATE	0.0%	0.7%	15.2%

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) ( 8/85)

1	151.58	45.44
2	151.33	45.31
3	150.08	45.03
4	149.37	44.83
5	149.04	44.65
6	148.29	44.28
7	147.92	44.41
8	146.92	43.78
9	146.50	43.72
10	145.92	43.98
11	146.12	43.83
12	144.58	43.64
13	143.71	43.52
14	143.04	43.22
15	142.29	43.10
16	140.79	42.86
17	141.50	42.75
18	142.12	42.50
19	140.67	42.37
20	140.12	42.21
21	137.83	42.00
22	138.00	41.47
23	138.42	41.76
24	137.62	41.69
25	136.54	41.89
26	135.75	41.41
27	134.71	41.11
28	133.58	40.90
29	135.54	40.94
30	133.83	40.57
31	133.83	40.59

Refueling Information Request

1. Facility name: Big Rock Point Plant
2. Scheduled date for next refueling shutdown: September 6, 1985
3. Scheduled date for restart following shutdown: October 27, 1985
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? October 1985

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 172.
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):
9. Projected date of last refueling that can be discharged to spent fuel pool assuming the present license capacity: 1993



Consumers  
Power  
Company

D P Hoffman  
Plant Superintendent

Big Rock Point Nuclear Plant, Box 591, Route 3, Charlevoix, MI 49720

Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Dear Sir:

Enclosed please find the statistical data for the Big Rock Point Nuclear Plant covering the period August 1, 1985 through August 31, 1985.

Sincerely,

D P Hoffman  
Plant Superintendent

DPH:11b

Inclosures

cc: DEVanFarowe, Department of Public Health  
RCallen, Michigan Public Service Commission  
Michigan Department of Labor  
INPO Records Center  
Resident NRC Inspector, Site  
Document Control, BRP, 740\*22\*35\*10  
RBDeWitt, P24-117B  
DJVandeWalle, P24-115  
WGFogg, P24-610  
File

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