



Consumers
Power
Company

NUCLEAR OPERATIONS DEPARTMENT

Unit Shutdowns and Power Reductions

Report Month May, 1985	Docket Number 50-155	Unit Big Rock Point Plant	Date June 7, 1985	Completed by JSDugan	Telephone (616)547-6537 X 180
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Number	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down ³ Reactor	Licensee Event Report Number	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
	05/15 - 05/18	S	73.8	A	1		CB	PUMPXX SUBCODE B	Scheduled outage for repair of recirculating pump seal
	05/25 - 05/26	F	25.8	A	1		CB	VALVEX SUBCODE F	Shutdown to repair leak in packing on motor operated valve on 3/4" heat exchanger on recirculating pump
Reduced Power	05/01 - 05/15		0	A	4		CB	PUMPXX SUBCODE B	This was a power reduction due to removing one recirculating pump from service which had a packing leak

¹F = Forced
S = Scheduled

²Reason:
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)

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 I = Same Source

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OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT
2. REPORTING PERIOD: 5 / 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:

BY: S A BARTOSIK
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	3623.0	194394.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	644.3	3085.9	137778.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	623.6	3041.0	135239.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	99515.0	624352.0	25476907.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	32605.0	200627.0	8057878.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	30826.7	190077.0	7619817.9
19. UNIT SERVICE FACTOR	83.8%	83.9%	69.6%
20. UNIT AVAILABILITY FACTOR	83.8%	83.9%	69.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	60.0%	76.0%	58.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	57.5%	72.9%	54.4%
23. UNIT FORCED OUTAGE RATE	5.8%	1.2%	15.6%

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) (5/85)

1	120.29	33.33
2	119.46	36.37
3	152.29	47.55
4	157.54	48.12
5	155.42	48.02
6	157.42	47.83
7	153.37	47.67
8	155.54	47.67
9	157.54	48.43
10	156.92	48.47
11	156.58	48.36
12	156.50	48.19
13	156.79	48.37
14	156.50	48.30
15	107.08	32.41
16	0.0	0.0
17	0.0	0.0
18	0.0	0.0
19	111.71	31.55
20	161.42	49.37
21	167.42	51.31
22	172.58	53.29
23	199.12	60.98
24	204.96	62.30
25	43.42	11.31
26	6.42	0.0
27	153.17	46.00
28	202.25	61.63
29	201.04	61.38
30	198.62	61.14
31	105.08	55.05

Refueling Information Request

1. Facility name: Big Rock Point Plant
2. Scheduled date for next refueling shutdown: August 1985
3. Scheduled date for restart following shutdown: October 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes

If yes, explain: Addition of "Appendix R" commitments and 11 Reload.

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)?

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

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



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

50-155
D P Hoffman
Plant Superintendent

June 7, 1985

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 of May 1 through May 31, 1985.

Sincerely,

D P Hoffman
Plant Superintendent

DPH:11b

Enclosures

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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