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

January 3, 1991

William L Beckman
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 December 1, 1990 through December 31, 1990.

Sincerely,

W L Beckman
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
PKrippner, 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

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PDR ADOCK 05000135
R PDR

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MI0188-0697A-BT01

A CMS ENERGY COMPANY



NUCLEAR OPERATIONS DEPARTMENT
Unit Shutdowns and Power Reductions

Report Month December 1990	Docket Number 55 - 150	Unit Big Rock Point Plant	Date January 2, 1991	Completed by JRJohnston	Telephone (616) 447-6537 ext 223
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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
90-07	12/03/90 thru 12/04/90	F	6.1 Hrs	A	4	-----	-----	-----	The unit was removed from service due to a steam leak located on the turbine admission valve leak-off line. Reactor power was reduced to allow the bypassing of steam to the hotwell while repairs were made. The unit was returned to service after repairs were completed.

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

GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155

DATE: 1 / 2 / 91

BY: JR. JOHNSTON

PHONE: 616-547-6537, EXT 223

OPERATING STATUS

NOTES:

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT
2. REPORTING PERIOD: 10 / 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:

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

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
1. HOURS IN REPORTING PERIOD	744.0	8760.0	24335.0
2. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	6759.0	175908.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	737.7	6711.6	173007.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	142982.0	1501667.0	32965127.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	46074.0	448998.0	10466646.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	43538.7	425621.1	9900054.7
19. UNIT SERVICE FACTOR	99.2%	76.7%	71.1%
20. UNIT AVAILABILITY FACTOR	99.2%	76.7%	71.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	87.3%	72.5%	60.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	81.3%	67.5%	56.5%
23. UNIT FORCED OUTAGE RATE	0.8%	5.8%	12.2%

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)	(12/90) - CYCLE 25
1	166.42	51.71	
2	166.71	51.82	
3	133.62	39.01	
4	128.29	38.29	
5	162.92	50.66	
6	172.83	53.67	
7	175.96	54.45	
8	174.75	54.21	
9	174.42	54.05	
10	176.42	53.86	
11	174.83	54.56	
12	191.83	58.23	
13	186.87	57.52	
14	186.33	57.14	
15	194.54	59.45	
16	200.21	60.97	
17	197.62	60.48	
18	204.17	60.35	
19	195.56	61.07	
20	215.57	65.10	
21	217.83	65.57	
22	215.42	65.24	
23	216.08	65.00	
24	214.75	64.69	
25	212.75	64.57	
26	219.42	65.57	
27	216.25	65.13	
28	215.00	64.98	
29	215.42	65.27	
30	218.50	65.99	
31	216.46	65.67	

Refueling Information Request

1. Facility name: Big Rock Point Plant
2. Scheduled date for next refueling shutdown: November, 1991
3. Scheduled date for restart following shutdown: January, 1992
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 50.39)? No

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

The PRC review will be completed before reload commences.

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 274; 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 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