50-155

Consumers Power

POWERING MICHIGAN'S PROGRESS

William L Beckman
*Plant Manager*

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

March 1, 1991

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 February 1, 1991 through February 28, 1991.

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
PDKrippner, 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



IE24
1/1

FORM 16.3.H

Operating Status Report - Nuclear Regulatory Commission

Prepared by: James R Johnston Date: 3/4/1991

Reviewed by: C R Bord Date: 3/4/91
(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

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Routing Copy:
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HRSnider, P21-129
MEWorsham, P21-129
GBSzczotka, P21-135A
JLLampman, Big Rock Point
NRC Resident Inspector, Big Rock Point
Document Control Center, Big Rock Point
DCC 740*22*35*10
(740*22*10*04) Cross Reference

Consumers Power Company

# NUCLEAR OPERATIONS DEPARTMENT

## Unit Shutdowns and Power Reductions

| Report Month | Docket Number | Unit | Date | Completed by | Telephone |
|---|---|---|---|---|---|
| February 1991 | 55 - 150 | Big Rock Point Plant | March 1, 1991 | JRJohnston | (616) 547-6537 ext 220 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| ----- | -------- | - | ------- | - | - | ---------- | NONE | --------- | ---------- |

[1]F = Forced
S = Scheduled

[2]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)

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

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

[5]Exhibit I = Same Source

GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155 DATE: 3 / 4 / 91
BY: JR JOHNSTON
PHONE: 616-547-6537 EXT 223

OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT NOTES:
2. REPORTING PERIOD: 2 / 1
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 3-7)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 | 672.0 | 1416.0 | 244771.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 0 | 1416.0 | 17324.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | .0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 672.6 | 1416.0 | 17442.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 151699.0 | 315715.0 | 3328084.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 49154.0 | 100156.0 | 1056808.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 45761.1 | 95126.6 | 999518.9 |
| 19. UNIT SERVICE FACTOR | 100.0% | 100.0% | 71.3% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 100.0% | 71.3% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 101.6% | 100.3% | 60.7% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 94.6% | 93.3% | 56.7% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 12.1% |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS(TYPE,DATE, & DURATION OF EACH): PLANNED MAINTENANCE OUTAGE (CONDENSER TUBE LEAK) RESCHEDULED FOR MARCH 11, 1991, 3 DAYS (SOR).

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

6)

| DAY | AVERAGE DAILY POWER(MWT) | (MWEN) | ( 2/91) - CYCLE 25 |
|---|---|---|---|
| 1 | 223.37 | 67.15 | |
| 2 | 223.08 | 67.12 | |
| 3 | 222.75 | 67.21 | |
| 4 | 222.29 | 66.80 | |
| 5 | 223.87 | 67.58 | |
| 6 | 224. 2 | 67.03 | |
| 7 | 224.08 | 67.58 | |
| 8 | 224.92 | 68.04 | |
| 9 | 226.50 | 68.33 | |
| 10 | 225.98 | 68.11 | |
| 11 | 224.96 | 67.80 | |
| 12 | 225.17 | 67.49 | |
| 13 | 220.58 | 67.31 | |
| 14 | 226.21 | 68.10 | |
| 15 | 227.50 | 68.17 | |
| 16 | 224.79 | 68.09 | |
| 17 | 225.29 | 67.93 | |
| 18 | 224.37 | 67.74 | |
| 19 | 226.25 | 68.32 | |
| 20 | 226.96 | 68.40 | |
| 21 | 228.21 | 68.77 | |
| 22 | 229.21 | 68.92 | |
| 23 | 226.46 | 68.76 | |
| 24 | 227.37 | 68.68 | |
| 25 | 229.42 | 69.23 | |
| 26 | 229.21 | 69.00 | |
| 27 | 228.54 | 68.89 | |
| 28 | 226.92 | 68.75 | |

# 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 50.59)? 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