



Consumers
Power

**POWERING
MICHIGAN'S PROGRESS**

February 3, 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 January 1, 1997 through January 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
GCWithrow, Big Rock Point
NRC Resident Inspector, Big Rock Point
Document Control, Big Rock Point, 740*22*35*10
File

9702110264 970131
PDR ADOCK 05000155
R PDR



Consumers
Power
Company

NUCLEAR OPERATIONS DEPARTMENT
Unit Shutdowns and Power Reductions

| | | | | | |
|------------------------------|-------------------------|------------------------------|--------------------------|-----------------------------|-----------------------------|
| Report Month January 1997 | Docket Number 55-150 | Unit Big Rock Point Plant | Date February 3, 1997 | Completed by JR Johnston | Telephone (616) 547-8223 |
|------------------------------|-------------------------|------------------------------|--------------------------|-----------------------------|-----------------------------|

| 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 |
|--------|----------|-------------------|---------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
| 96-07 | 12/07/96 | F | 744.0 Hrs | A | 3 | ----- | ----- | ----- | On 12/07/96 at 12:10; An automatic voltage control circuit in the exciter failed, which caused a protective relay to "open" and trip the turbine off-line; thus causing an automatic reactor scram on high power. After repairs were completed and attempting to return the unit to service; high turbine vibration was noticed. The turbine was placed on turning gear for investigation/repairs. The unit will return to normal service when repairs are completed. (Total outage hours: 1331.8) |

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: 2 / 3 / 97

BY: JR JOHNSTON

PHONE: 616-547-8223

OPERATING STATUS

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

NOTES:

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 | 744.0 | 296707.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 0.0 | 0.0 | 215703.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE | 0.0 | 0.0 | 212377.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 0.0 | 0.0 | 41174261.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 0.0 | 0.0 | 13085669.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 0.0 | 0.0 | 12381261.3 |
| 19. UNIT SERVICE FACTOR | 0.0% | 0.0% | 71.6% |
| 20. UNIT AVAILABILITY FACTOR | 0.0% | 0.0% | 71.6% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 0.0% | 0.0% | 62.0% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 0.0% | 0.0% | 58.0% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 11.3% |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): REFUELING, APRIL, 1997, 60 DAYS.

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 02/05/1997

02/03/97 RUNTIME=02/03/97 14:06:38
(1/97) - CYCLE 29

1 STATS VERSION 97.001; EA-B-STATS-97-01

| DAY | AVERAGE DAILY POWER(MWT) | (MMEN) |
|-----|--------------------------|--------|
| 1 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 |
| 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: Eig Rock Point Plant
2. Scheduled date for next refueling shutdown: April, 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 0.
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.

Operating Status Report - Nuclear Regulatory Commission

Prepared by: James R. Johnston Date: February 6, 1997
 Reviewed by: Kevin G. Shields Date: 2/7/97
 (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

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

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

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

Robert Aben, Assistant Chief
 Bureau of Construction Codes
 Michigan Department of Labor
 7150 Harris Drive, 30015
 Lansing, MI 48906

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

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

Routing Copy:

RA Fenech, Palisades Plant
 SM McIntyre, P26-204
 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