CONSUMERS
POWER
COMPANY

NUCLEAR OPERATION DEPARTMENT
Unit Shutdowns and Power Reductions

Report Month	Docket Number	Unit	Date	Completed by	Telephone
April, 1989	55-150	Big Rock Point Plant	May 2, 1989	JRJohnston	(616) 547-6537 ext 223

Number	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	License Evert Report Number	System Code[4]	Component Code[5]	Cause and Corrective Action to Prevent Recurrence
89-04	03/13/89 thru 04/07/89	S	0 hrs	H	4	----	----	----	The unit operated at a reduced power level that allowed operation with only one CCW pump in service while the #1 CCW pump & motor was being overhauled by a vendor. The unit returned to normal power operation after repairs were completed.
89-05	04/16/89 thru 04/30/89	F	0 hrs	A	4	----	----	----	A power reduction to 57 MWe was performed to allow investigation into a sudden unexpected decrease in power (∿ 10 MWe). Subsequent investigation discovered a broken stem on #7 turbine admission valve. The unit will operate at a reduced power level until the next opportunity to make repairs.

[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 1 = Same Source

FORM 3156 1-82

IE24
1/1

DAY	AVERAGE DAILY POWER(MWT)	(MWEN)	(4/89) - CYCLE 23
1	175.83	54.54	
2	175.78	54.84	
3	176.87	55.03	
4	176.29	54.67	
5	165.25	51.31	
6	150.04	47.08	
7	170.54	52.39	
8	183.42	56.38	
9	199.71	60.73	
10	196.25	60.14	
11	197.75	60.47	
12	211.08	63.74	
13	212.67	64.47	
14	211.42	64.19	
15	211.50	64.27	
16	197.50	60.05	
17	178.25	55.33	
18	176.42	54.75	
19	176.08	54.87	
20	178.08	55.37	
21	180.67	55.95	
22	178.79	55.63	
23	180.75	56.05	
24	179.71	55.78	
25	178.58	55.46	
26	178.50	55.30	
27	179.21	55.64	
28	180.17	55.46	
29	180.83	55.95	
30	180.25	55.84	

GREYBOOK OPERATING DATA REPORT

DOCKET NO. 50-155 DATE: 4 / 1 / 89
BY: JR JOHNSTON
PHONE: 616-547-6537,EXT 223

OPERATING STATUS

1. UNIT NAME: BIG ROCK POINT NUCLEAR PLANT NOTES:
2. REPORTING PERIOD: 4 / 89
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
11. HOURS IN REPORTING PERIOD	719.0	2879.0	228714.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2791.9	165010.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	719.0	2773.7	162181.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	132261.0	545224.0	30741988.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	43177.0	176127.0	9753610.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	40790.3	166825.3	9224505.2
19. UNIT SERVICE FACTOR	100.0%	96.3%	70.9%
20. UNIT AVAILABILITY FACTOR	100.0%	96.3%	70.9%
21. UNIT CAPACITY FACTOR (USING MDC NET)	84.7%	86.5%	59.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	78.8%	80.5%	54.0%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	12.9%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS(TYPE,DATE, & DURATION OF EACH): REFUELING OUTAGE - JUNE 3, 1989 - 65 DAYS.

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

Refueling Information Request

1. Facility name: Big Rock Point Plant

2. Scheduled date for next refueling shutdown: June, 1989

3. Scheduled date for restart following shutdown: August, 1989

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? Prior to startup

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 232; new fuel storage 22.

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): 0

9. Projected date of last refueling that can be discharged to spent fuel pool assuming the present license capacity: 1995

Consumers Power
POWERING MICHIGAN'S PROGRESS
Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720

Thomas W Elward
Plant Manager

May 2, 1989

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 April 1, 1989 through April 30, 1989.

Sincerely,

T W Elward
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
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