Consumers Power MICHIGAN'S PROGRESS

Thomas W Elward Plant Manager

IET4

Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720 November 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 of October 1, 1989 through October 31, 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 File

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MI0186-0667A-BT01

NUCLEAR OPERATION DEPARTMENT Unit Shutdowns and Power Reductions

Report Month	Docket Number	Unit	Date	Completed by	Telephone
October, 1989	55-150	Big Rock Point Plant	November 3, 1989	JRJohnston	(616) 547-6537 ext 223

Number	Date	Type1	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report Number	System Code	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
89-10	10/09/89 thru 10/12/89	F	0 hrs	A	4	of the turbine instrumentation correlated to a true reading was moved (or closely monito so that the am	thrust be n was ins hydraulic since it lost) whe ring the nunciator	earing wear talled to wh nozzle pres is known th n the number indicated we ig not "in"	The plant load was reduced to allow the clearing indicator alarm. Auxiliary pressure sensing ere "mills" of thrust bearing clearance can be sure. It is thought that the wear indication is not at the thrust bearing wear indication reference point 1 bearing cap was recently retightened. We are ar instrumentation and carrying reduced plant load
89-11	10/21/89 thru 10/23/89	F	0 hrs	A	4	steam and wate leaks on the H require more p until plans ar	r leaks o P casing. lanning t e complet.	n the turbin The water o make repai ed to make t	The plant load was reduced to allow repairs to the e. It was successful in restricting or sealing leak is on the IP to LP crossover line and will rs to it. The unit was returned to normal power emporary repairs.
89-12	10/25/89 thru 10/27/89	F	0 hrs	А	4	repairs to the to be split on repairs are co	expansio the seco mpleted (n joint on t nd (from the he plant wil	The plant load was reduced to make temporary he west side crossover pipe. The leak was found bottom) serration in the north guadrant. After 1 return to normal power.
89-13	10/27/89	F	100.2	A	1	turbine crosso open. The val circuit and co either the act power after re	ver pipin ve was is mponents uating cy pairs are	g, it was di olated and t have checked linder or th completed.	While raising power following repairs to the scovered that the turbine bypass valve would not roubleshooting is in progress. The control out okay and the problems appear to be in e valve itself. The unit will be returned to normal
¹ F = Force S = Sched	ed Juled	2 ₈ A	Neason: 1 = Equipmen 3 = Maintena	t Failure	(Explain)		3 _M 1 2	ethod: = Manual = Manual Sc	⁴ Exhibit G = Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER)

3 = Automatic Scram

4 = Other (Explain)

C = Refueling

D = Regulatory Restriction E = Operator Training and License Examination

F = Administrative

G = Operational Error (Explain) H = Other (Explain)

File (NUREG-0161)

⁵Exhibit 1 = Same Source

Operating statistics Operating statistics Operating statistics 1. Statistic statistics 1. Statistic statistics 1. Statistic statistics 1. Statistics		H ITTOM	0. 50-155 DATE:	11 / 2 / 89	
The state and the state a	OPERATING STATUS		: JNOHd	UR JOHNSTON 616-547-6537, EXT 223	•
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1. Init Convertiv Factor USING FOC NET) 78.23 2. Unit Convertiv Factor USING FOR NET) 78.24 2. UNIT CONVERTIGE FOR NET) 58.24 2. UNIT CONVERTIGE FOR NET) 58.24 2. UNIT CONVERTIGE FOR NET) 57.55 2. UNIT CONVERTIGE FOR NET) <td>9. UNIT SERVICE FACION 0. UNIT AVAILARI TY FACTOR</td> <td>1979 1977</td> <td>75.44</td> <td>76.71</td> <td></td>	9. UNIT SERVICE FACION 0. UNIT AVAILARI TY FACTOR	1979 1977	75.44	76.71	
2. UNIT COFACTIV FACTOR (USING GEN NET) 72.84 61.64 55.74 55.74 3. UNIT FORCED OUTAGE RATE 13.44 2.44 12.74 55.75 4. SHUTDOMNS SCHEDULED OVER NEXT & MONTHS(TYPE-LOATE, & EVALUTION OF EACH): 5.44 1989. 5.44	1. UNIT CAPACITY FACTOR (USING MOC NET)	78.2%	66.51	59.8%	
4. SHUTTOWNS SCHEEULED OVER NEXT & MONTHSITTYELICATE, & RUMATION OF EACH): 5. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP NOVEMBER 4, 1989.	2. UNIT CAPACITY FACTOR (USING DER NET)	72.8%	61.8%	16.32	
4. SHUTCOMMS SCHECULED OVER NEXT & MONTHS (TYPE, Date, & RUPATION OF EACH) : 5. IF SHUT COMM AT END OF REPORT FERIOD, ESTIMATED DATE OF STUATUP: MOVEMBER 4, 1989.	3. UNLI FUNCEU UNIMOE MMIE	47.21	44.57	21.71	
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	DAY	AVERAGE DAILY POWER (MWT)	(MWEN)	(10/89) - CYCLE 24
	1	214.25	44.54	
	- 2	214.25	64.42	
1	3	216.67	65.50	
	4	218.67	64.84	
3	5	216.00	65.03	
	E	215.04	64.86	
	7	215.54	64.66	
	8	215.00	64.58	
7	9	199.58	60.35	
	10	210.12	63.15	
	11	194.92	59.42	
10	12	211.42	63.56	
11	13	216.17	64.87	
12	14	216.29	65.00	
13	15	216.96	64.92	
14	16	215.62	64.78	
15	17	218.25	65.66	
16	18	218,12	65.46	
17	19	216.46	65.29	
18	20	216.25	65.26	
10	21	165.17	49.08	
20	22	159.17	48.66	
21	23	211.75	64.08	
22	24	214.83	64.75	
23	25	204.50	61.48	
24	26	85.96	24.97	
25	27	94.50	28.05	
28	28	0.0	0.0	
27	29	0.0	0.0	
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Refueling Information Request

- 1. Facility name: Big Rock Point Plant
- 2. Scheduled date for next refueling shutdown: September, 1990
- 3. Scheduled date for restart following shutdown: October, 1990
- 4. Will refueling or resumption of operation thereafter require a tecnnical specification change or other license amendment? No

If yes, explain:

1....

. . . .

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? Next outage

- 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:
- Number of fuel assemblies in: core 84; spent fuel storage pool 254; 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 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