

DOCKET NO. 50/458  
RIVER BEND STATION UNIT 1  
DATE MARCH 13, 1987  
COMPLETED BY G.A. Bysfield  
TITLE Supv., Cont. Sys.  
TELEPHONE 635-6094 X2242

MONTH DECEMBER 1986

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1.	68
2.	576
3.	666
4.	100
5.	0
6.	0
7.	0
8.	442
9.	893
10.	945
11.	956
12.	952
13.	869
14.	881
15.	946
16.	950

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17.	946
18.	947
19.	942
20.	720
21.	790
22.	884
23.	945
24.	953
25.	953
26.	536
27.	0
28.	392
29.	925
30.	953
31.	954

8703260234 870313  
PDR ADOCK 05000458  
R PDR

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PAGE 1 OF 2

OPERATING STATUS

1. REPORTING PERIOD: DECEMBER 1986 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2894  
 MAX. DEPEND CAPACITY (MWe-Net): N/A  
 DESIGN ELECTRICAL RATING (Mwe-Net): 936
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): N/A
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMU-LATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL...	<u>681.8</u>	<u>5,169.6</u>	<u>6,248.0</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>621.9</u>	<u>4,538.8</u>	<u>4,694.1</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)..	<u>1,596,123.0</u>	<u>9,870,628.0</u>	<u>10,000,556.0</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>538,867.6</u>	<u>3,299,295.8</u>	<u>3,319,955.4</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH).	<u>505,942.0</u>	<u>3,073,273.0</u>	<u>3,090,767.0</u>

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	THIS MONTH	YR TO DATE	CUMU- LATIVE
12. REACTOR SERVICE FACTOR .....	<u>91.6</u>	<u>57.4</u>	<u>57.4</u>
13. REACTOR AVAILABILITY FACTOR .....	<u>91.6</u>	<u>57.4</u>	<u>57.4</u>
14. UNIT SERVICE FACTOR .....	<u>83.6</u>	<u>52.0</u>	<u>52.0</u>
15. UNIT AVAILABILITY FACTOR .....	<u>83.6</u>	<u>52.0</u>	<u>52.0</u>
16. UNIT CAPACITY FACTOR (Using MDC)..	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) .....	<u>72.7</u>	<u>47.5</u>	<u>47.5</u>
18. UNIT FORCED OUTAGE RATE .....	<u>16.4</u>	<u>22.0</u>	<u>22.0</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	NONE		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>N/A</u>		
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			
	FORECAST	ACHIEVED	
INITIAL CRITICALITY	<u>N/A</u>	<u>10-31-85</u>	
INITIAL ELECTRICITY	<u>N/A</u>	<u>12-03-85</u>	
COMMERCIAL OPERATION	<u>N/A</u>	<u>6-16-86</u>	

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

NO	DATE	TIME START OF OCCURANCE	TIME RECOVER FROM OCCURANCE	DURATION (HOURS)	TYPE NOTE (1)	REASON NOTE (2)	METHOD NOTE (3)	CORRECTIVE ACTIONS/COMMENTS
1	861204	1631	0235 861208	82.07	F	A	2	Preplanned Manual Scram to Fix Condenser Leakage.
2	861220	0005	1400 861221	0.00	S	A	4	Fix High Bearing Temperatures of Reactor Feedwater Pump B. Power Level was Maintained at/or Above 75% and Stayed On Line.
3	861226	1328	0532 861228	40.07	F	A	3	Scram Due to Stator Water Cooling Runback.

**SUMMARY:**

NOTE (1) TYPE OF OCCURANCE: ENTER CODE

- F: FORCED
- S: SCHEDULED

NOTE (2) REASON FOR OCCURANCE: ENTER CODE

- A: EQUIPMENT FAILURE (EXPLAIN IN CORRECTIVE ACTIONS/COMMENTS)
- B: MAINTENANCE OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN IN CORRECTIVE ACTIONS/COMMENTS)
- H: OTHER (EXPLAIN IN CORRECTIVE ACTIONS/COMMENTS)

NOTE (3) METHOD OF SHUTTING DOWN REACTOR OR REDUCING POWER: ENTER CODE

- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN IN CORRECTIVE ACTION/COMMENTS)

DOCKET NO. 50/458  
RIVER BEND STATION UNIT 1

REPORT NO. 86-012

REPORT MONTH December, 1986

DATE MARCH 13, 1987

G.A. Bysfield  
COMPLETED BY (PRINT)

*G.A. Bysfield*  
SIGNATURE

Supv., Control Systems  
TITLE

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