

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 74-8

FOR MONTH OF AUGUST, 1974

8011050629

UNIT NAME YANKEE ROWE

DATE 740909

COMPLETED BY E. C. Tarnuzzer

OPERATING STATUS

1. REPORTING PERIOD: 740801 TO 740831

GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL: MWT 600 MWe-NET 175

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 90%

4. REASONS FOR RESTRICTIONS (IF ANY):

Administrative Limit while evaluating Sr  
Core parameters

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL. . . . .	<u>320.6</u>	<u>3409.6</u>	<u>99,109.6</u>
6. HOURS GENERATOR ON-LINE . . . . .	<u>155.1</u>	<u>3220.6</u>	<u>95,357.9</u>
7. GROSS THERMAL POWER GENERATED (MWH) .	<u>76,330</u>	<u>1,401,989</u>	<u>49,956,755</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH).	<u>24,161</u>	<u>447,507</u>	<u>15,266,901</u>
9. NET ELECTRICAL POWER GENERATED (MWH).	<u>22,523</u>	<u>415,354</u>	<u>14,230,644</u>
10. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>43.1</u>	<u>58.5</u>	<u>80.6</u>
11. PLANT AVAILABILITY FACTOR (2) . . . . .	<u>20.8</u>	<u>55.2</u>	<u>78.8</u>
12. PLANT CAPACITY FACTOR (3) . . . . .	<u>17.1</u>	<u>40.1</u>	<u>68.8</u>
13. FORCED OUTAGE RATE (4). . . . .	<u>3.4</u>	<u>0.4</u>	<u>1.1</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

POOR ORIGINAL

SUMMARY: The plant completed the extended refueling outage on August 25. The present core loading consists of 72 Zircaloy clad and 4 stainless clad fuel assemblies. Power level is restricted to 90% pending completion of analysis of core data.

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PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
74-4	740510	S	2553.4	C	B	Refueling & Maintenance outage Auto Reactor Scram During Performance of Turbine Overspeed Trip Test.
74-5	740825	F	5.5	B	C	

POOR ORIGINAL

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DAILY PLANT POWER OUTPUT

MONTH August 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	_____	25	<u>146</u>
2	_____	26	<u>134</u>
3	_____	27	<u>155</u>
4	_____	28	<u>144</u>
5	_____	29	<u>152</u>
6	_____	30	<u>154</u>
7	_____	31	<u>153</u>
8	_____		
9	_____		
10	_____		
11	_____		
12	_____		
13	_____		
14	_____		
15	_____		
16	_____		
17	_____		
18	_____		
19	_____		
20	_____		
21	_____		
22	_____		
23	_____		
24	_____		

SHUT DOWN

