

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 75-5

FOR THE MONTH OF MAY, 1975

8011110828

UNIT NAME YAN ROWE  
 DATE 750606  
 COMPLETED BY E. C. TARNUZZER  
 TELEPHONE (617) 366-9011 X2585

O P E R A T I N G S T A T U S

1. REPORTING PERIOD: May 1, 1975 THROUGH May 31, 1975  
 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 600 MWe-NET 175
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): NONE
4. REASONS FOR RESTRICTIONS (IF ANY): N. A.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.....	<u>725</u>	<u>3587</u>	<u>105,595</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE.....	<u>716</u>	<u>3571</u>	<u>101,810</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)...	<u>413,584</u>	<u>2,069,254</u>	<u>53,697,921</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>131,471</u>	<u>660,202</u>	<u>16,454,649</u>
11. NET ELECTRICAL POWER GENERATED (MWH)..	<u>123,601</u>	<u>621,143</u>	<u>15,397,884</u>
12. REACTOR SERVICE FACTOR.....	<u>97.43</u>	<u>99.02</u>	<u>81.55</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>97.43</u>	<u>99.02</u>	<u>81.55</u>
14. UNIT SERVICE FACTOR.....	<u>96.26</u>	<u>98.57</u>	<u>79.85</u>
15. UNIT AVAILABILITY FACTOR.....	<u>96.26</u>	<u>98.57</u>	<u>79.85</u>
16. UNIT CAPACITY FACTOR (USING MDC).....	<u>94.93</u>	<u>97.97</u>	<u>72.17</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>94.93</u>	<u>97.97</u>	<u>72.17</u>
18. UNIT FORCED OUTAGE RATE.....	<u>1.38</u>	<u>0.29</u>	<u>1.08</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): A ONE DAY OUTAGE FOR R.O. LICENSE EXAMS 750621  
A SIX WEEK REFUELING OUTAGE COMMENCING 3RD WEEK OF OCTOBER 1975
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 750601

SUMMARY: Two forced and one scheduled outages during period. One outage caused by off-site electrical fault. Remainder of period operation was at essentially 100% of rated capacity.

UNIT NAME YANKEE ROWE  
 DATE 750606  
 COMPLETED BY E. C. TARNUZZER

REPORT MONTH May 1975

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
75-2	750513	F	4.60	A	3	Electrical fault at Sherman Hydro Station caused relay operation at Yankee and isolation of #2 static service transformer. This resulted in loss of #3 boiler feed and #3 condensate pumps and auto scram from low steam generator level.
75-3	750516	F	5.65	A	3	Loss of boiler feed pumps on low suction pressure trip resulted in auto scram on low steam generator level. Cause of low pressure signal was instrument drift.
75-4	750531	S	17.58	B&E	1	Surveillance testing of control rod drop times and operator training.

UNIT YANKEE ROWE  
DATE 750606  
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DAILY PLANT POWER OUTPUT

MONTH May 1975

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>175</u>	25	<u>175</u>
2	<u>175</u>	26	<u>175</u>
3	<u>175</u>	27	<u>175</u>
4	<u>175</u>	28	<u>175</u>
5	<u>175</u>	29	<u>175</u>
6	<u>175</u>	30	<u>175</u>
7	<u>175</u>	31	<u>39</u>
8	<u>175</u>		
9	<u>175</u>		
10	<u>175</u>		
11	<u>175</u>		
12	<u>175</u>		
13	<u>130</u>		
14	<u>173</u>		
15	<u>174</u>		
16	<u>109</u>		
17	<u>164</u>		
18	<u>170</u>		
19	<u>172</u>		
20	<u>175</u>		
21	<u>175</u>		
22	<u>175</u>		
23	<u>175</u>		
24	<u>175</u>		

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FROM: Yankee Atomic Elec. Co. Westborough, Mass. J.L. French		DATE OF DOC 6-6-75	DATE REC'D 6-11-75	LTR XXX	TWX	RPT	OTHER
TO: NRC		ORIG NONE	CC	OTHER	SENT AEC PDR <u>XXXX</u> SENT LOCAL PDR <u>XXXXX</u>		
CLASS	UNCLASS <u>XXXXX</u>	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-29		

DESCRIPTION:  
Ltr trans the following:  
  
Only one cy. Rec.  
(No Original Copy was sent)  
  
PLANT NAME: Yankee Rowe

ENCLOSURES:  
Monthly Report for May 1975  
Plant & Component Operability & Availability  
This Report to be used in preparing Gray Book  
by Plans & Operations.  
  
NUMBER OF COPIES REC'D: 1

FOR ACTION/INFORMATION

VCR 9-11-75

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