

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 76-8

FOR THE MONTH OF AUGUST, 1976

8011070046

DOCKET NO. 50-
UNIT Yankee Rowe
DATE 760907
COMPLETED BY E. C. TARNUZZER
TELEPHONE (617) 366-9011 X276

AVERAGE DAILY UNIT POWER LEVEL

MONTH August 1976

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>174</u>	16	<u>174</u>
2	<u>174</u>	17	<u>174</u>
3	<u>174</u>	18	<u>174</u>
4	<u>174</u>	19	<u>174</u>
5	<u>174</u>	20	<u>174</u>
6	<u>174</u>	21	<u>174</u>
7	<u>174</u>	22	<u>150</u>
8	<u>174</u>	23	<u>172</u>
9	<u>174</u>	24	<u>174</u>
10	<u>174</u>	25	<u>174</u>
11	<u>172</u>	26	<u>174</u>
12	<u>172</u>	27	<u>173</u>
13	<u>173</u>	28	<u>173</u>
14	<u>174</u>	29	<u>174</u>
15	<u>173</u>	30	<u>169</u>
		31	<u>160</u>

COMPLETED BY J. C. TARNUZERTELEPHONE (617) 366-9011 X276OPERATING STATUS

1. REPORTING PERIOD: August 1976 GROSS HOURS IN REPORTING PERIOD 744
2. CURRENTLY AUTHORIZED POWER LEVEL MWe 600 MAX. DEPEND. CAP. (MWe-NET) 175
DESIGN ELECTRICAL RATING (MWe-NET) 175
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 549 MWe (91.5%)
4. REASONS FOR RESTRICTIONS (IF ANY): Linear heat generation rate limit.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>744</u>	<u>5079</u>	<u>114,479</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>744</u>	<u>4997</u>	<u>109,359</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>435,506</u>	<u>2,682,235</u>	<u>58,331,322</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>136,667</u>	<u>841,847.9</u>	<u>17,907,400</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>129,187</u>	<u>789,034*</u>	<u>16,759,196*</u>
12. REACTOR SERVICE FACTOR	<u>100.0</u>	<u>86.7</u>	<u>81.5</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0</u>	<u>87.1</u>	<u>80.9</u>
14. UNIT SERVICE FACTOR	<u>100.0</u>	<u>85.3</u>	<u>79.0*</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0</u>	<u>93.0</u>	<u>----</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>99.2</u>	<u>77.0</u>	<u>72.1</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>99.2</u>	<u>77.0</u>	<u>72.1</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0</u>	<u>9.7</u>	<u>1.5</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): None*

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: ----
*Corrected for error.

POOR ORIGINAL

DOCKET NO. 50-...
 UNIT NAME Yankee Rowe
 DATE 760907
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 TELEPHONE (617) 366-9011 X27

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
	760822	S	--	B	N.A.	Reduced load to 50% for 9 hours for throttle valve testing and condenser water box examination.

POOR ORIGINAL

SUMMARY: Plant operated at essentially 100% for the entire month, until imposition of power restriction on the 30th.

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MONTHLY REPORT

TO:

N. R. C.

FROM:
Yankee Atomic Electric Company
Westborough, Mass
J. L. French

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LETTER TRANS THE FOLLOWING:

PLANT NAME: (1-P)
Yankee Rowe

ENCLOSURE
MONTHLY REPORT FOR August, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

(4-P) ACKNOWLEDGED
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SAFETY

FOR ACTION/INFORMATION

ENVIRO 9/20/76

RJL

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