

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 76-12

FOR THE MONTH OF DECEMBER, 1976

8011070 024

DOCKET NO. 50-29 1 770106UNIT NAME Yankee Rowe

OPERATING PLANT DATA

COMPLETED BY E. C. TARNIZZERTELEPHONE (617) 366-9011 X 276OPERATING STATUS

1. REPORTING PERIOD: December 1976 GROSS HOURS IN REPORTING PERIOD 744
2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 600 MAX. DEPEND. CAP. (MWe-NET) 175
DESIGN ELECTRICAL RATING (MWe-NET) 175
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 552 MWT
4. REASONS FOR RESTRICTIONS (IF ANY):

Limit on linear heat generation rate (LHGH) associated with ECCS evaluation.

* Corrected for error in Nov. 76 report

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>744</u>	<u>7,998</u>	<u>117,398</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>744</u>	<u>7,886</u>	<u>112,249 *</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>406,374</u>	<u>4,250,085</u>	<u>59,899,173</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>129,195</u>	<u>1,333,076</u>	<u>18,398,628</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>121,761</u>	<u>1,251,255</u>	<u>17,221,418</u>
12. REACTOR SERVICE FACTOR	<u>100.0</u>	<u>91.1</u>	<u>81.9</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0</u>	<u>91.2</u>	<u>82.4</u>
14. UNIT SERVICE FACTOR	<u>100.0</u>	<u>89.8</u>	<u>79.4</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0</u>	<u>94.9</u>	<u>-</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>93.5</u>	<u>81.4</u>	<u>72.4</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>93.5</u>	<u>81.4</u>	<u>72.4</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0</u>	<u>6.5</u>	<u>1.5</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Six week refueling outage commencing June 3, 1977.

DOCKET NO.

UNIT NAME Yankee Rowe

DATE 770126

COMPLETED BY E. C. TARNUEZER

TELEPHONE (617) 366-9911 X 276

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1976

DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
761228	S		B	1	Load reduction to about 50% power for turbine valve surveillance testing.

SUMMARY:

Plant operated at its restricted power level limit throughout the month.

APPENDIX B

DOCKET NO. 50-29
UNIT Yankee Rowe
DATE 770106
COMPLETED BY E. C. Tarnuzzer
TELEPHONE (617) 366-9011 X 276

AVERAGE DAILY UNIT POWER LEVEL

MONTH December 1976

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>157</u>	16	<u>164</u>
2	<u>156</u>	17	<u>165</u>
3	<u>156</u>	18	<u>165</u>
4	<u>156</u>	19	<u>165</u>
5	<u>158</u>	20	<u>165</u>
6	<u>164</u>	21	<u>165</u>
7	<u>164</u>	22	<u>163</u>
8	<u>164</u>	23	<u>163</u>
9	<u>164</u>	24	<u>163</u>
10	<u>164</u>	25	<u>163</u>
11	<u>164</u>	26	<u>163</u>
12	<u>165</u>	27	<u>163</u>
13	<u>164</u>	28	<u>160</u>
14	<u>164</u>	29	<u>163</u>
15	<u>165</u>	30	<u>163</u>
		31	<u>163</u>

50-029

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Westborough Mass. 01581
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PLANT NAME: YANKEE ROWE

ENCLOSURE

MONTHLY REPORT FOR December, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.(1 encl rec'd)
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