

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 74-12

FOR THE MONTH OF DECEMBER, 1974

8011060 872

UNIT NAME YANKEE ROWE
 DATE 750103
 COMPLETED BY E. C. TARNUZZER
 TELEPHONE (617) 366-9011 X2585

OPERATING STATUS

1. REPORTING PERIOD: 741201 THROUGH 741231
 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 600 MWe-NET 175
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 588 MWT (98%)
4. REASONS FOR RESTRICTIONS (IF ANY): LIMIT LINEAR HEAT RATE TO 11.37 KW/FT

| | THIS MONTH | YR-TO-DATE | CUMULATIVE TO DATE |
|--|----------------|------------------|--------------------|
| 5. HOURS REACTOR WAS CRITICAL | <u>736</u> | <u>6,307</u> | <u>102,008</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON-LINE | <u>723</u> | <u>6,101</u> | <u>98,238</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL POWER GENERATED (MWH) . | <u>412,213</u> | <u>3,073,901</u> | <u>51,628,667</u> |
| 10. GROSS ELECTRICAL POWER GENERATED (MWH) | <u>131,133</u> | <u>975,053</u> | <u>15,794,447</u> |
| 11. NET ELECTRICAL POWER GENERATED (MWH) . | <u>123,270</u> | <u>911,452</u> | <u>14,776,742</u> |
| 12. REACTOR AVAILABILITY FACTOR | <u>98.9</u> | <u>72.0</u> | <u>81.0</u> |
| 13. UNIT AVAILABILITY FACTOR | <u>97.2</u> | <u>69.6</u> | <u>79.3</u> |
| 14. UNIT CAPACITY FACTOR | <u>94.7</u> | <u>59.5</u> | <u>68.2</u> |
| 15. UNIT FORCED OUTAGE RATE | <u>0.00</u> | <u>0.23</u> | <u>1.10</u> |
| 16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): | <u>NONE</u> | | |
| 17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: | <u>N.A.</u> | | |

SUMMARY: PLANT STARTUP ON 12/1. INITIAL POWER LIMITED TO 540 MWT (90%) PENDING ECCS EVALUATION. POWER RAISED TO 588 MWT (98%) ON 12/9 AND REMAINED AT THAT LEVEL THROUGHOUT REMAINDER OF PERIOD.

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REPORT MONTH DECEMBER 1974

PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|------|--------|---------------------------------|---------------------|------------|---|---|
| 74-7 | 741130 | S | 38.3 | B | A | COMPLETION OF SHUTDOWN TO REPAIR 2 NUCLEAR INSTRUMENTATION CHANNELS, LEAK IN #1 F.W. HEATER, AND TO MEASURE CONTROL ROD DROP TIMES. |

UNIT YANKEE ROWE

DATE 750103

COMPLETED BY E. C. TARNUZZER

DAILY PLANT POWER OUTPUT

MONTH DECEMBER 1974

| <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> | <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> |
|------------|------------------------------|------------|------------------------------|
| 1 | <u>9</u> | 25 | <u>175</u> |
| 2 | <u>138</u> | 26 | <u>175</u> |
| 3 | <u>163</u> | 27 | <u>175</u> |
| 4 | <u>169</u> | 28 | <u>175</u> |
| 5 | <u>158</u> | 29 | <u>175</u> |
| 6 | <u>159</u> | 30 | <u>175</u> |
| 7 | <u>163</u> | 31 | <u>175</u> |
| 8 | <u>163</u> | | |
| 9 | <u>167</u> | | |
| 10 | <u>175</u> | | |
| 11 | <u>175</u> | | |
| 12 | <u>175</u> | | |
| 13 | <u>175</u> | | |
| 14 | <u>175</u> | | |
| 15 | <u>175</u> | | |
| 16 | <u>175</u> | | |
| 17 | <u>175</u> | | |
| 18 | <u>175</u> | | |
| 19 | <u>175</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 Electric Westborough, Mass 01581 L H Heider | | DATE OF DOC 1-6-75 | DATE REC'D 1-10-75 | LTR XXX | TWX | RPT | OTHER |
| TO: AEC | | ORIG none signed | CC | OTHER | SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u> | | |
| CLASS | UNCLASS XXXX | PROP INFO | INPUT | NO CYS REC'D 1 | DOCKET NO: 50-29 | | |

DESCRIPTION:

Ltr trans the following:

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: Yankee Rowe

ENCLOSURES:

Monthly Report for DECEMBER
Plant & Component Operability & Availability
This Report to be used in preparing Grey
Book by Plans & Operations.

No. of Cys Rec'd 1

FOR ACTION/INFORMATION 1-13-75 ehf

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