

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 77-2

FOR THE MONTH OF FEBRUARY, 1977

8011070 013

APPENDIX B

DOCKET NO.	<u>50-29</u>
UNIT	<u>Yankee Rowe</u>
DATE	<u>770304</u>
COMPLETED BY	<u>E. C. Tarnuzzer</u>
TELEPHONE	<u>(617) 366-9011 X 276</u>

AVERAGE DAILY UNIT POWER LEVELMONTH February 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>172</u>	16	<u>170</u>
2	<u>172</u>	17	<u>169</u>
3	<u>172</u>	18	<u>170</u>
4	<u>172</u>	19	<u>174</u>
5	<u>171</u>	20	<u>174</u>
6	<u>171</u>	21	<u>174</u>
7	<u>171</u>	22	<u>174</u>
8	<u>171</u>	23	<u>173</u>
9	<u>172</u>	24	<u>173</u>
10	<u>171</u>	25	<u>173</u>
11	<u>171</u>	26	<u>173</u>
12	<u>169</u>	27	<u>170</u>
13	<u>169</u>	28	<u>173</u>
14	<u>170</u>	29	<u>---</u>
15	<u>170</u>	30	<u>---</u>
		31	<u>---</u>

DOCKET NO. 50-29 DATE 770304**POOR ORIGINAL**

APPENDIX C

UNIT NAME Yankee Rowe

OPERATING PLANT DATA

COMPLETED BY E. C. TARNUZZERTELEPHONE (617) 366-9011 X 276OPERATING STATUS1. REPORTING PERIOD: February 1977 GROSS HOURS IN REPORTING PERIOD 6722. CURRENTLY AUTHORIZED POWER LEVEL Mwt 600 MAX. DEPEND. CAP. (MWe-NET) 175DESIGN ELECTRICAL RATING (MWe-NET) 1753. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 2/1-2/3 - 580.5 Mwt2/3-2/10 578.2 Mwt4. REASONS FOR RESTRICTIONS (IF ANY): 2/10-2/17 575.9 Mwt2/17-2/18 573.7 MwtPeak linear heat generation rate 2/18-2/22 591.3 Mwtlimited by ECCS accident analysis. 2/22-2/28 588.9 Mwt

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>672</u>	<u>1416</u>	<u>118,814</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>672</u>	<u>1416</u>	<u>114,728</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>389,027</u>	<u>812,889</u>	<u>60,712,061</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>112,687</u>	<u>256,825</u>	<u>18,655,453</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>115,273</u>	<u>241,916</u>	<u>17,463,333</u>
12. REACTOR SERVICE FACTOR	<u>100.0</u>	<u>100.0</u>	<u>82.0</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0</u>	<u>100.0</u>	<u>81.4</u>
14. UNIT SERVICE FACTOR	<u>100.0</u>	<u>100.0</u>	<u>80.3</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0</u>	<u>100.0</u>	<u>---</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>98.0</u>	<u>97.6</u>	<u>72.7</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>98.0</u>	<u>97.6</u>	<u>72.7</u>
18. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>0</u>	<u>1.5</u>

19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): 6 Week refueling outage commencing June 3, 197720. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: -----

DOCKET NO. 30-29
 UNIT NAME Yankee Rowe
 DATE 770304
 COMPLETED BY E. C. TARNUZZER
 TELEPHONE (617) 366-9011 X 276

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
--	770227	S	--	B	1	Load reduction to 75% for 5 hrs. for control and throttle valve surveillance testing.

SUMMARY: Plant operated at essentially the restricted power level limit for the entire month with the exception of one load reduction for turbine surveillance testing.

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MONTHLY REPORT

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FROM: Yankee Atomic Elec Co
Westborough, Mass. 01581
J.L. French

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PREPARING GRAY BOOK BY PLANS & OPERATIONS.
(1 cy encl rec'd) 4P

PLANT NAME: Yankee Rowe

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FOR ACTION/INFORMATION

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