

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 77-7

FOR THE MONTH OF AUGUST, 1977

8011070 009

APPENDIX B

DOCKET NO. 50-29
 UNIT Yankee Rowe
 DATE 770906
 COMPLETED BY E. C. Tarnuzzer
 TELEPHONE (617) 366-9011 X 276

AVERAGE DAILY UNIT POWER LEVEL

MONTH August, 1977

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

No Net Generation

No Net Generation

DOCKET NO. 50-29 DATE 770906
 UNIT NAME Yankee Rowe
 COMPLETED BY E. C. TARNUZZER
 TELEPHONE (617) 366-9011 X 276

OPERATING PLANT DATA

OPERATING STATUS

1. REPORTING PERIOD: August 1977 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): None
 4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>9</u>	<u>3,763</u>	<u>121,161</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>0</u>	<u>3,702</u>	<u>117,014</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>0</u>	<u>2,060,143</u>	<u>61,959,316</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>0</u>	<u>643,731</u>	<u>19,042,359</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>0</u>	<u>604,332</u>	<u>17,825,750</u>
12. REACTOR SERVICE FACTOR	<u>1.2</u>	<u>64.5</u>	<u>81.1</u>
13. REACTOR AVAILABILITY FACTOR	<u>0.0</u>	<u>64.2</u>	<u>80.5</u>
14. UNIT SERVICE FACTOR	<u>0.0</u>	<u>63.5</u>	<u>79.4</u>
15. UNIT AVAILABILITY FACTOR	<u>0.0</u>	<u>65.8</u>	<u>--</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>0.0</u>	<u>59.2</u>	<u>71.9</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>0.0</u>	<u>59.2</u>	<u>71.9</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0</u>	<u>2.6</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: <u>September 3, 1977</u>			

POOR ORIGINAL

DOCKET NO. 50-29
 UNIT NAME Yankee Rowe
 DATE 770906
 COMPLETED BY E. C. TARNUZZER
 TELEPHONE (617) 366-9011 X 276

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
77-4	770609	S	744	C	1	Continuation of Refueling

SUMMARY: Completed refueling operations and began core physics program in preparation for Core XIII startup.