

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 77-9

FOR THE MONTH OF SEPTEMBER, 1977

8011060 869

APPENDIX B

DOCKET NO. 50-29
 UNIT YanLee Rowe
 DATE 771006
 COMPLETED BY E. C. Tarnuzzer
 TELEPHONE (617) 366-9011 X 276

AVERAGE DAILY UNIT POWER LEVEL

MONTH September 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>0</u>	16	<u>143</u>
2	<u>0</u>	17	<u>143</u>
3	<u>43</u>	18	<u>143</u>
4	<u>99</u>	19	<u>143</u>
5	<u>116</u>	20	<u>143</u>
6	<u>122</u>	21	<u>144</u>
7	<u>128</u>	22	<u>145</u>
8	<u>134</u>	23	<u>145</u>
9	<u>142</u>	24	<u>146</u>
10	<u>143</u>	25	<u>146</u>
11	<u>143</u>	26	<u>146</u>
12	<u>98</u>	27	<u>146</u>
13	<u>137</u>	28	<u>146</u>
14	<u>143</u>	29	<u>146</u>
15	<u>143</u>	30	<u>145</u>
		31	<u>-</u>

DOCKET NO. 50-29 DATE 771006

APPENDIX C

UNIT NAME Yankee Rowe

OPERATING PLANT DATA

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

1. REPORTING PERIOD: September GROSS HOURS IN REPORTING PERIOD 720
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): 506
4. REASONS FOR RESTRICTIONS (IF ANY):

Peak linear heat generation rate limited to ECCS analysis.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>715</u>	<u>4,478</u>	<u>121,876</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>663</u>	<u>4,364</u>	<u>117,677</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>326,853</u>	<u>2,386,996</u>	<u>62,286,168</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>96,930</u>	<u>740,662</u>	<u>19,139,290</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>90,207</u>	<u>694,540</u>	<u>17,915,957</u>
12. REACTOR SERVICE FACTOR	<u>99.3</u>	<u>68.4</u>	<u>81.2</u>
13. REACTOR AVAILABILITY FACTOR	<u>94.0</u>	<u>67.5</u>	<u>80.6</u>
14. UNIT SERVICE FACTOR	<u>92.0</u>	<u>66.6</u>	<u>79.5</u>
15. UNIT AVAILABILITY FACTOR	<u>92.4</u>	<u>68.7</u>	<u>-</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>71.6</u>	<u>60.6</u>	<u>71.9</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>71.6</u>	<u>60.6</u>	<u>71.9</u>
18. UNIT FORCED OUTAGE RATE	<u>0.4</u>	<u>2.3</u>	<u>1.5</u>
19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION			

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APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1977

DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
770609	S	54	C	1	Completion of Core XII-XIII refueling
770912	F	3	A	1	Repair leak on loop flow DP cell.

ARY:

Core XII-XIII refueling completed. Power output limited to 85% by ECCS analysis.

50-29

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

MONTHLY REPORT

TO:

N. P. C.

FROM:

Yankee Atomic Electric Company
Westborough, Mass.
D. E. Moody

DATE OF DOCUMENT

10/6/77

DATE RECEIVED

10/28/77

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DESCRIPTION

Letter trans the following:

ENCLOSURE

Monthly Report for September 1977
Plant & Component Operability & Availability.
This Report to be used in preparing Gray Book
by Plans & Operations.PLANT NAME: Yankee Rowe
RJL 10/28/77

(1-P)

(4-P)

1 CY ENCL Rec'd *

FOR ACTION/INFORMATION

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