

DOCKET NO. 50-29 DATE 770706UNIT NAME Yankee Rowe

OPERATING PLANT DATA

COMPLETED BY E. C. TARNUZZERTELEPHONE (617) 366-9011 X 276OPERATING STATUS1. REPORTING PERIOD: June 1977 GROSS HOURS IN REPORTING PERIOD 7202. CURRENTLY AUTHORIZED POWER LEVEL Mwt 600 MAX. DEPEND. CAP. (MWe-NET) 175  
DESIGN ELECTRICAL RATING (MWe-NET) 1753. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 50%

4. REASONS FOR RESTRICTIONS (IF ANY):

Reevaluation of ECCS model

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>216</u>	<u>3,754</u>	<u>121,152</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>213</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>95,477</u>	<u>2,060,133</u>	<u>61,959,316</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>29,085</u>	<u>643,731</u>	<u>19,042,359</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>27,100</u>	<u>604,332</u>	<u>17,825,750</u>
12. REACTOR SERVICE FACTOR	<u>29.9</u>	<u>86.4</u>	<u>82.0</u>
13. REACTOR AVAILABILITY FACTOR	<u>29.9</u>	<u>86.2</u>	<u>81.3</u>
14. UNIT SERVICE FACTOR	<u>29.5</u>	<u>85.2</u>	<u>80.2</u>
15. UNIT AVAILABILITY FACTOR	<u>29.5</u>	<u>88.3</u>	<u>-</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>21.5</u>	<u>79.5</u>	<u>72.6</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>21.5</u>	<u>79.5</u>	<u>72.6</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0</u>	<u>2.6</u>	<u>1.8</u>
19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION			

OF EACH): None

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## APPENDIX B

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AVERAGE DAILY UNIT POWER LEVELMONTH June 1977

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>144</u>	16	<u>0</u>
2	<u>143</u>	17	<u>0</u>
3	<u>143</u>	18	<u>0</u>
4	<u>142</u>	19	<u>0</u>
5	<u>141</u>	20	<u>0</u>
6	<u>140</u>	21	<u>0</u>
7	<u>124</u>	22	<u>0</u>
8	<u>80</u>	23	<u>0</u>
9	<u>67</u>	24	<u>0</u>
10	<u>0</u>	25	<u>0</u>
11	<u>0</u>	26	<u>0</u>
12	<u>0</u>	27	<u>0</u>
13	<u>0</u>	28	<u>0</u>
14	<u>0</u>	29	<u>0</u>
15	<u>0</u>	30	<u>0</u>
		31	<u>-</u>

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APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1977

DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
770607	S	-	F	1	Load Reduction to 50% - Evaluation of ECCS Model
770607	S	507	C	1	Core XII-XIII Refueling

NOTE: Plant operating in coastdown made prior to refueling. Load reduced to 50% on the 7th while the ECCS model inputs were evaluated. Refueling commenced on June 9th.

