

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 76-4

FOR THE MONTH OF APRIL, 1976

8110060638 760507
PDR ADOCK 05000029
R PDR

APPENDIX B

DOCKET NO. 50

UNIT YANKEE

DATE 760

COMPLETED BY E. C. MER

TELEPHONE (617) 2 X 213

AVERAGE DAILY UNIT POWER LEVELMONTH April 1976

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>DAILY MWe-net</u>
1	<u>85</u>	16	<u>55</u>
2	<u>139</u>	17	<u>55</u>
3	<u>156</u>	18	<u>54</u>
4	<u>155</u>	19	<u>54</u>
5	<u>155</u>	20	<u>54</u>
6	<u>155</u>	21	<u>54</u>
7	<u>154</u>	22	<u>54</u>
8	<u>155</u>	23	<u>53</u>
9	<u>155</u>	24	<u>53</u>
10	<u>155</u>	25	<u>53</u>
11	<u>155</u>	26	<u>53</u>
12	<u>155</u>	27	<u>54</u>
13	<u>155</u>	28	<u>54</u>
14	<u>154</u>	29	<u>54</u>
15	<u>155</u>	30	<u>53</u>
		31	<u>-</u>

DOCKET NO. 50-29 DATE 760507
 UNIT NAME YANKEE ROWE
 COMPLETED BY E. C. TARNUZZER
 TELEPHONE (617) 366-9011 X 213

OPERATING PLANT DATA

OPERATING STATUS

1. REPORTING PERIOD: April 1976 GROSS HOURS IN REPORTING PERIOD 719
 2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 600 MAX. DEPEND. CAP. (MWe-NET) 175
 DESIGN ELECTRICAL RATING (MWe-NET) 185
 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 525.6 Mwt
 4. REASONS FOR RESTRICTIONS (IF ANY): Peak lenear heat rate limit to comply with ECCS performance criteria of 10CFR50.46.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>719</u>	<u>2,443</u>	<u>111,841</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON-LINE	<u>713</u>	<u>2,368</u>	<u>107,824</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>370,429</u>	<u>1,157,230</u>	<u>56,806,318</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>116,799</u>	<u>365,830</u>	<u>17,431,383</u>
11. NET ELECTRICAL POWER GENERATED (MWH)	<u>108,954</u>	<u>341,278</u>	<u>16,311,441</u>
12. REACTOR SERVICE FACTOR	<u>100.0</u>	<u>84.2</u>	<u>81.3</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0</u>	<u>84.9</u>	<u>80.7</u>
14. UNIT SERVICE FACTOR	<u>99.1</u>	<u>81.6</u>	<u>79.6</u>
15. UNIT AVAILABILITY FACTOR	<u>99.1</u>	<u>97.0</u>	<u>-</u>
16. UNIT CAPACITY FACTOR (USING MDC)	<u>86.6</u>	<u>67.2</u>	<u>71.7</u>
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	<u>86.6</u>	<u>67.2</u>	<u>71.7</u>
18. UNIT FORCED OUTAGE RATE	<u>0.1</u>	<u>18.4</u>	<u>1.5</u>
19. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):	Ten day outage commencing 5/7 to replace generator exciter and plug steam generator tubes.		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>N.A.</u>		

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APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR, (2)	CORRECTIVE ACTIONS/COMMENTS
76-3	760328	F	86	A	3	Completion of outage caused by exciter shaft failure.

SUMMARY: Plant load limited to 87% to limit peak linear heat rate. Temporary repairs to generator exciter completed on the first and plant restarted. Shutdown scheduled May 7 to return repaired exciter to service and inspect 2 steam generators for tube leakage.