

YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 74-2

FOR MONTH OF FEBRUARY 1974

8011040 713

UNIT Yankee RoweDATE 740311COMPLETED BY E. C. TarnuzzerDAILY PLANT POWER OUTPUTMONTH February 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>145</u>	25	<u>132</u>
2	<u>144</u>	26	<u>132</u>
3	<u>143</u>	27	<u>130</u>
4	<u>142</u>	28	<u>131</u>
5	<u>142</u>		
6	<u>142</u>		
7	<u>141</u>		
8	<u>141</u>		
9	<u>140</u>		
10	<u>139</u>		
11	<u>139</u>		
12	<u>138</u>		
13	<u>138</u>		
14	<u>137</u>		
15	<u>137</u>		
16	<u>136</u>		
17	<u>136</u>		
18	<u>135</u>		
19	<u>134</u>		
20	<u>134</u>		
21	<u>133</u>		
22	<u>133</u>		
23	<u>134</u>		
24	<u>134</u>		

YBelle River
 DATE 740311
 COMPLETED BY E. C. Tarnuzzer

OPERATING STATUS

- REPORTING PERIOD: 740201 TO 740301
 GROSS HOURS IN REPORTING PERIOD: 672
- CURRENTLY AUTHORIZED POWER LEVEL MWt 600 MWe-NET 175
- POWER LEVEL TO WHICH RESTRICTED (IF ANY): (See 4)
- REASONS FOR RESTRICTIONS (IF ANY):

Reactor in coast down period prior to refueling

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.	672	1395.4	97095.40
6. HOURS GENERATOR ON-LINE	672	1395.4	93532.68
7. GROSS THERMAL POWER GENERATED (MMH) . . .	3,10,071	679,951	49,234,717
8. GROSS ELECTRICAL POWER GENERATED (MMH) . .	98,896	216,588	15,035,982
9. NET ELECTRICAL POWER GENERATED (MMH) . . .	92,207	202,269	14,067,559
10. REACTOR AVAILABILITY FACTOR (1)	100%	98.6%	81.9%
11. PLANT AVAILABILITY FACTOR (2)	100%	98.6%	80.3%
12. PLANT CAPACITY FACTOR (3)	76.9%	80.1%	70.4%
13. FORCED OUTAGE RATE (4)	0.0%	0.0%	1.1%

- SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

Six week refueling outage commencing 740510

- IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:
- PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY			
INITIAL ELECTRICAL POWER GENERATION			
COMMERCIAL OPERATION			

REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

PLANT CAPACITY FACTOR = $\frac{\text{GROSS THERMAL POWER GENERATED}}{\text{GROSS THERMAL CAPACITY}} \times 100$

UNIT NAME Yankee Rowe
DATE 740311
COMPLETED BY E. C. Tarnuzzer

PLANT SHUTDOWNS

DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
					No dhutdowns during this period.
				(1) REASON: A-EQUIPMENT FAILURE (EXPLAIN) B-MAINT. OR TEST C-REFUELING D-REGULATORY RESTRICTION E-OPERATOR TRAINING AND LICENSE EXAMINATION F-ADMINISTRATIVE G-OPERATIONAL ERROR (EXPLAIN)	(2) METHOD: A- MANUAL B- MANUAL SCRAM C- AUTOMATIC SCRAM

FROM: Yankee Atomic Electric Company Westborough, Mass. 01581 Mr. L.H. Heider			DATE OF DOC 3-12-74	DATE REC'D 3-13-74	LTR X	MEMO	RPT	OTHER
TO: AEC			ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-29		

DESCRIPTION: Ltr trans the following.....	ENCLOSURES: February monthly report "Plant & component and availability" to be used for preparing Grey Book, by the 15th of each month. (1 cy encl rec'd)
---	--

PLANT NAME: Yankee Rowe

FOR ACTION/INFORMATION

3-18-74

JB

BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	DICKER(E)	✓ W. Magee
W/ Copies	W/ Copies	W/ Copies	W/ 2 Copies
GOLLER(L)	VASSALLO(L)	KNIGHTON(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	SCHEMEL(L)	YOUNGBLOOD(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

ACKNOWLEDGED

DO NOT REMOVE

INTERNAL DISTRIBUTION

✓ REG FILE ✓ AEC-PDR OGC, ROOM P-506A ✓ MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L)(BWR) DEYOUNG(L)(PWR) SKOVHOLT (L) P. COLLINS DENIC REG OPR FILE & REGION(3) MORRIS STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLNER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L) S. REED (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> ✓ MCDONALD DUBE w/Input <u>INFO</u> C. MILES B. KING ✓ Chapman ✓ Schemel
---	---	---	--	---

EXTERNAL DISTRIBUTION

✓ PDR DEPNATHY ANAN) VRE/	(1)(2X10)-NATIONAL LAB'S 1-ASLBP(E/W Bldg, Rm 529) 1-W. PENNINGTON, Rm E-201 GT 1-CONSULTANT'S NEWMARK/BLUME/AGBABIAN 1-GERALD ULRIKSON ORNL	1-PDR-SAN/LA/NY 1-GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1-AGMED(Ruth Gusman) RM-B-127, GT. 1-RD..MULLER..F-309 G
------------------------------------	---	--

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2055

FILE: MISC

FROM: Yankee Atomic Electric Company Westborough, Mass. 01581 Mr. L.H. Heider			DATE OF DOC 3-7-74	DATE REC'D 3-12-74	LTR X	MEMO	RPT	OTHER
TO: AEC			ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-29		

DESCRIPTION:
Ltr trans the following...

ENCLOSURES:
January monthly report "Plant and component operability and availability" this report to be used for preparing Grey Book by Plans & Operation by the 15th of each month.

(1 cy encl rec'd)

PLANT NAME: Yankee Rowe

FOR ACTION/INFORMATION

3-12-74

JB

BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	DICKER(E)	✓ W. Magee
W/ Copies	W/ Copies	W/ Copies	W/ 2 Copies
GOLLER(L)	VASSALLO(L)	KNIGHTON(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	SCHEMEL(L)	YOUNGBLOOD(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

ACKNOWLEDGED

DO NOT REMOVE

INTERNAL DISTRIBUTION

<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>DENTON</u>	<u>LIC ASST</u>	<u>A/T IND</u>
✓ AEC PDR	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓ HUNTING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULTOURNE (L)	<u>PLANS</u>
GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	✓ MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L)(ENR)	STELLO	<u>ENVIRO</u>	REED (L)	<u>INFO</u>
DEYOUNG(L)(FWR)	HOUSTON	MULLER	SERVICE (L)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (E)	B. KING
P. COLLINS	ROSS	KNIGHTON	SMITH (L)	
DENISE	IPPOLITO	YOUNGBLOOD	TEETS (L)	✓ Chapman
<u>REG OPR</u>	TEDESCO	REGAN	WADE (E)	✓ Schemel
FILE & REGION(3)	LONG	PROJECT LDR	WILLIAMS (E)	
MORRIS	LAINAS		WILSON (L)	
STEELE	BEHAROYA	<u>HARLESS</u>		
	VOLLNER			

EXTERNAL DISTRIBUTION

1 - LOCAL PDR	1-B & M SWINEBROAD	1-P. R. DAVIS
✓ 1 - DTIE(ABERNATHY)	(1)(2X10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - NSIC(BUCHANAN)	1-ASLEP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
1 - ASLE(YORD/SAYRE/	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussner)
16 - CYS ACRS HOLDING	NEWMARK/BLAKE/AGDABIAN	Rm E-127, GT.
	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-30