

**MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA**

CIRCUIT No. 1.

	NUMBER OF TRANSFORMERS		
	A	B	C
INITIATING UNIT	*	*	*
CYCLING UNIT	*	*	*
MASTER PROGRAMMER	4*	4*	
"			
ACCUMULATOR No. 1	3	3	3
"	3	3	3
"	3	3	3
DIVIDER	3	3	3
ACCUMULATOR No. 5	3	3	3
"	3	3	3
"	3	3	3
"	3	3	3

PHASE CONNECTION
IN POWER TROUGH

TERMINAL OF A.C.
INPUT PLUG
⑬ ⑭ ⑯

WIRE COLOR
R W B

A	NEUTRAL	B
B		B
B		B
B		B
B		B
B		B
B		B
B		B
B		B
A		C

2 P.A.^g OUTLETS ON PH. A

CIRCUIT No. 2

	A	B	C
ACCUMULATOR No. 9	3	3	3
NO. 10	3	3	3/2
CONVERTER NO. 1	3	3	3/2
ACCUMULATOR NO. 11	3	3	3/2
"	3	3	3/2
H.S. MULTIPLIER PANEL 1	2	3	3/2
" PANEL 2	3	3	3/2
" PANEL 3	3	2	3/2
ACCUMULATOR NO. 13	3	3	3
"	3	3	3
"	3	3	3
"	3	3	3

A	NEUTRAL	B
B		B
B		B
B		B
B		B
B		B
B		B
B		B
B		B
A		C

2 P.A.^g OUT - 1 on PH B, 1 on PH C

2 P.A.^g OUT - 1 on PH A - 1 on PH C

CIRCUIT No. 3

	A	B	C
REGISTER	3	3	3
ACCUMULATOR No. 17	3	3	3
"	3	3	3
"	3	3	3
"	3	3	3
FUNCTION TABLE NO. 1 PANEL 1	2	3	3/2
" " 2 " 1	2	3	3/2
" " 2 " 2	2	3	3/2
" " 3 " 1	2	3	3/2
" " 3 " 2	2	3	3/2
CONSTANT TRANSMITTER PANEL 1	2	3	3
" " 2	2	3	3
" " 3	2	3	3
PRINTER PANEL 1	2	3	3
" 2	2	3	3
" 3	2	3	3

B	NEUTRAL	C
A		B
B		B
B		B
B		B
B		B
B		B
B		B
B		B
A		C

2 P.A.^g OUTLETS ON PH. B

- * FED THRU CYCLING UNIT
- * INCLUDES 1 IN CYCLING UNIT
- ** IN 3 CONDUCTOR CABLE TO UNIT'S INPUT PLUG
- g P.A. = PULSE AMPLIFIER

MINN. C.A. 4-67 CIV 138

PLAINTIFF'S TRIAL
EXHIBIT
No 5619

015356

NEW PANELS AND P.A. OUT LETS ADDED	1
CONVERTER ADDED	2
REVISIONS	3

HMVI.
DRAWN BY 1-27-47
CHECKED BY J.A.C.
2-5-47
APPROVED BY

LOADING CHART FOR ENIAC
120-208 V. HEATER CIRCUITS

SCALE
PX-1-113