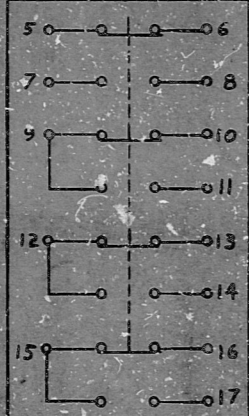
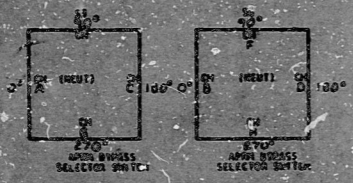


S/A THRU D  
PUSH BUTTON  
MOMENTARY



APRM ALARM LEVEL  
PUSH TO RECORD  
ALL CONTACTS ON SH. 51



WIRE POSITION	CIRCUIT LOCATION			
	1-2	3-4	5-6	7-8
1-2				
3-4				
5-6				
7-8				

WIRE NO.	CONT.	LOC.
1	1	51
2	2	52
3	3	53
4	4	54

WIRE NO.	CONT.	LOC.
1	1	51
2	2	52
3	3	53
4	4	54

REFERENCE SCHEMATIC DIAGRAMS:  
AR11, AR12 APRM PAGE 865E331  
PS11, PS12 ICFS PAGE 865E334  
PS22, PS23 20V PWR SUP 157C6303  
AR21 TRIP AUX UNIT 793E657  
AR22 TRIP AUX UNIT 866E315

- 1. 021-1070 START-UP RGE HEAT MGR SYS-ELEM DIAG. (C514) B-208-008
- 2. 021-1050 REACTOR PROTECTION SYS-ELEM DIAG. (C714) B-208-005
- 3. 021-1090 RPD CONTROL & INFORMATION SYS (C204) B-208-010
- 4. 021-1070 RPS SEPARATION SCHEMATIC (C204)
- 5. 021-1020 RPD CONTROL SYSTEM - PROCESS COMPUTER B-208-015
- 6. 021-1030 REACTOR DECONTAMINATION SYS-ELEM DIAG. (C834) B-208-015
- 7. 021-1040 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 8. 021-1050 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 9. 021-1060 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 10. 021-1070 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 11. 021-1080 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 12. 021-1090 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015

- 13. 021-1100 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 14. 021-1110 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 15. 021-1120 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 16. 021-1130 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 17. 021-1140 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 18. 021-1150 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 19. 021-1160 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 20. 021-1170 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 21. 021-1180 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 22. 021-1190 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 23. 021-1200 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015

- 24. 021-1210 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 25. 021-1220 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 26. 021-1230 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 27. 021-1240 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 28. 021-1250 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 29. 021-1260 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 30. 021-1270 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 31. 021-1280 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 32. 021-1290 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015
- 33. 021-1300 REACTOR WAYER CLEANUP SYS. ELEM. DIAG. (C834) B-208-015

- NOTES
1. THE WIRE MARKS INDICATED ARE FOLLOWING REFERENCE SCHEMATIC DIAGRAMS OR THE SCHEMATIC LOCATED ON PANELS OF THE REACTOR WAYER CLEANUP SYSTEM AS APPLICABLE TO THE SCHEMATIC.
  2. UNLESS OTHERWISE INDICATED, THE FOLLOWING PANELS APPLY TO THIS DIAGRAM OR PREFIXED WITH THE FOLLOWING:
- | WIRE MARK | SYSTEM | WIRE MARK | SYSTEM |
|-----------|--------|-----------|--------|
| 1-2       | 1-2    | 1-2       | 1-2    |
| 3-4       | 3-4    | 3-4       | 3-4    |
| 5-6       | 5-6    | 5-6       | 5-6    |
| 7-8       | 7-8    | 7-8       | 7-8    |
| 9-10      | 9-10   | 9-10      | 9-10   |
| 11-12     | 11-12  | 11-12     | 11-12  |
| 13-14     | 13-14  | 13-14     | 13-14  |
| 15-16     | 15-16  | 15-16     | 15-16  |
| 17-18     | 17-18  | 17-18     | 17-18  |
3. ALPHABETICAL WIRE MARKS ARE DERIVED BY: SUB-SYSTEM NO., SHEET AND LINE NO. (EX. C51501A).
  4. FOR APPROPRIATE TERMINATION CABINET, SEE REF. DOCUMENT 7.
  5. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. AND SHEET NO. (EX. C515042K).
  6. FOR GRAPHIC STANDARDS, REFER TO DRAWING B-208-001.
  7. JUNCTION BOXES ARE LOCATED IN APPROPRIATE PGCC TERMINATION CABINET AS INDICATED.
  8. FOR ANNUNCIATOR CIRCUITS, LINE CODES AND TERMINATIONS FOR THE ANNUNCIATOR LOGIC CABINET HIS-P580 AND ANNUNCIATOR WINDOWS SEE SYSTEM R61.

2. AND RPS INTERCONNECTING WIRE AND CABLES SHALL BE MIXED WITH THE RPS WIRING, WHEN RUNNING WITH RPS LOGIC POWER WIRING IN THE SAME DIVISION, RPS POWER WIRING SHALL BE RUN IN GROUND METALLIC CONDUIT, WIRE MARKS FOR RPS ARE UNLESS FOR C22A 57A WIRING AND MAY TERMINATE WITH CERTAIN WIRING DESIGNATED WITH WIRE MARKS OF OTHER SYS.

3. THESE CABLES SHALL BE RUN IN GROUND METALLIC CONDUIT WHILE MAINTAINING RESPECTIVE DIVISIONAL SEPARATION.

PRC  
APERTURE  
CARD

POWER RANGE NEUTRON MON. SYS

LINE CODES:  
WIRE THIS SHEET  
LAST LINE CODE USED: 820

THE CLEVELAND ELECTRIC COMPANY  
POWER RANGE NEUTRON MON. SYS  
NOTES, REFERENCES, SWITCH DEVELOPMENT

NO.	DATE	BY	DESCRIPTION
1	11/17/57	J. W. ...	CONSTRUCTION
2	11/17/57	J. W. ...	PRELIMINARY
3	11/17/57	J. W. ...	REVISED
4	11/17/57	J. W. ...	REVISED
5	11/17/57	J. W. ...	REVISED
6	11/17/57	J. W. ...	REVISED
7	11/17/57	J. W. ...	REVISED
8	11/17/57	J. W. ...	REVISED
9	11/17/57	J. W. ...	REVISED
10	11/17/57	J. W. ...	REVISED

Rids

8212140088

