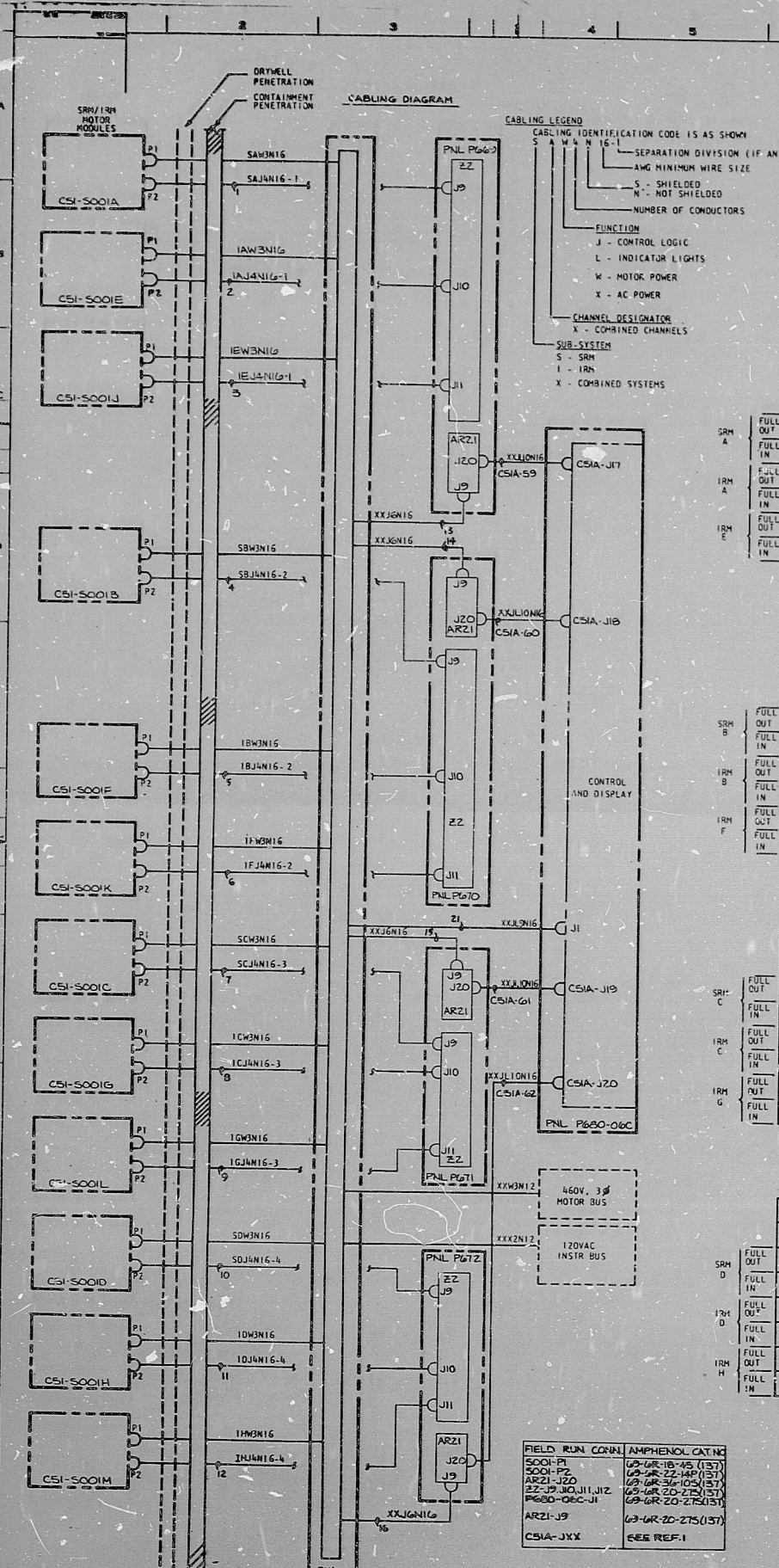


NUCLEAR SAFETY RELATED



CABLING IDENTIFICATION CODE IS AS SHOWN

SEPARATION DIVISION (IF ANY)

AWG MINIMUM WIRE SIZE

S - SHIELDED

N - NOT SHIELDED

NUMBER OF CONDUCTORS

FUNCTION

L - CONTROL LOGIC

I - INDICATOR LIGHTS

M - MOTOR POWER

X - AC POWER

CHANNEL DESIGNATION

S - SRM

I - IRM

X - COMBINED SYSTEMS

IN BUS	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6
K1	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6
K2	K7A	K7C	K7E	K7J	K7K
K3	K7B	K7D	K7F	K7H	K7L
K4	K1	K2	K3	K4	K5
K5	K6	K7	K8	K9	K10
K6	K7A	K7C	K7E	K7J	K7K
K7	K7B	K7D	K7F	K7H	K7L

IN	SH. 5	SH. 6	SH. 3	SH. 4	SH. 2
SRM A FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
SRM A FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM A FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM A FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM E FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM E FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2

IN	SH. 5	SH. 6	SH. 3	SH. 4	SH. 2
SRM B FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
SRM B FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM B FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM B FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM F FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM F FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2

IN	SH. 6	SH. 3	SH. 4	SH. 2	SH. 5
SRM C FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
SRM C FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM C FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM C FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM G FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM G FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5

IN	SH. 6	SH. 3	SH. 4	SH. 2	SH. 5
SRM D FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
SRM D FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM D FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM D FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM H FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM H FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5

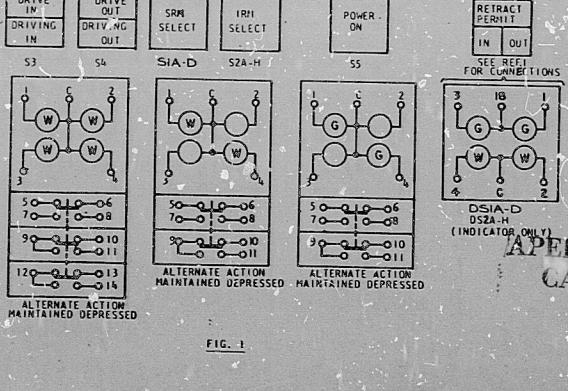
IN	SH. 5	SH. 6	SH. 3	SH. 4	SH. 2
SRM A FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
SRM A FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM A FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM A FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM E FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM E FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2

IN BUS	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7A	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7B	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7C	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7D	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7E	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7F	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7G	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7H	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7J	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7K	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7L	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7M	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7N	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8
K7O	SH. 2	SH. 3	SH. 4	SH. 5	SH. 6	SH. 7	SH. 8

IN	SH. 5	SH. 6	SH. 3	SH. 4	SH. 2
SRM B FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
SRM B FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM B FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM B FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM F FULL OUT	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2
IRM F FULL IN	SEE SH. 5	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2

IN	SH. 6	SH. 3	SH. 4	SH. 2	SH. 5
SRM C FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
SRM C FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM C FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM C FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM G FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM G FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5

IN	SH. 6	SH. 3	SH. 4	SH. 2	SH. 5
SRM D FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
SRM D FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM D FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM D FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM H FULL OUT	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5
IRM H FULL IN	SEE SH. 6	SEE SH. 3	SEE SH. 4	SEE SH. 2	SEE SH. 5



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4. SELECT CIRCUIT & MOTOR PHASE DISTR - SRM CHAN C, D IRM CHAN A, E, B, F

5. POSITION SWITCHES & RELAYS - SRM CHAN B, IRM CHAN A, E, B, F

6. POSITION SWITCHES & RELAYS - SRM CHAN C, D, IRM CHAN C, D, H

7. TERMINATION CABINET INTERFACE DEFINITION

NOTES

1. UNLESS PART OF PANELS P669-P672 AND UNLESS OTHERWISE INDICATED THE FOLLOWING REFERENCE DESIGNATIONS SHOWN ON THIS DIAGRAM ARE PREFIXED WITH CSIC.

2. FOR INDICATOR LIGHT SWITCH MARKING, SEE FIG. 10.

3. PREFIXES FOR PANEL DESIGNATIONS ARE AS FOLLOWS:  
 MHP-P669, P670, P671, P672, P680  
 HTZ-PODS

4. LIMIT SWITCHES SHOWN BETWEEN LIMITS L5 OPERATES AT FULL OUT POSITION, AND L5A OPERATES AT FULL IN POSITION.

5. DC POWER DISTRIBUTION FOR AR21 AND Z2 IS SHOWN ON REF. 1.

6. UNLESS OTHERWISE SHOWN ALL LINE CODE NOS ARE PREFIXED WITH CSIC.

7. TERMINATION CABINET INTERFACE DEFINITION SHOWN ON SHEET 7.

8. ERIS SIGNAL LOADING IN CS1-1050 SYSTEM SHALL NOT EXCEED .005 VOLTS.

9. ALL ERIS SIGNAL WIRING SHALL BE PER REFERENCE 4 & 5.

10. ALL DIVISIONAL WIRING IDENTIFIED AS (X) RECEIVES POWER FROM THE DIAPHRAGM PROTECTION SYSTEM (APP. 2) AND BELONGS TO THE APPROPRIATE RPS DIVISION; SEE GE DOC. G1553AIA SH. (CS1-1050) NOTE 26 FOR ADDITIONAL INFORMATION.

REFERENCE DOCUMENTS

1. CS1-1010 START-UP RANGE NEUTRON MONITORING SYSTEM ELEMENTARY DIAGRAM (CS1A).

2. 135B4966 MOTOR MODULE CONN. DIAGRAM

3. C95-1050 ERIS ELEMENTARY DIAGRAM

4. A62-4010 SPECIAL WIRE AND CABLE SPEC.

5. A62-4050 ELECTRICAL EQUIPMENT, SEPARATION FOR PROTECTION SYSTEMS.

LEGEND

EMERGENCY RESPONSE INFORMATION SYSTEMS (ERIS)

HATCH NUMBER

ZONE

SHEET NUMBER

NON-DIVISIONAL (LAST NO. USED: 19)

INDICATES POC LINE CODE

INDICATES MODULE OR CHANNELS GROUND

INDICATES GROUND BUS

CLASS IIE DIV. 2 NUCLEAR AREA FT RELATED RPS NON-CLASS IIE POWER

ASSOCIATED WITH AND TREATED AS CLASS IIE DIV. 2 RPS NON-CLASS IIE POWER

NON-DIVISIONAL, NON-CLASS IIE

LINE CODES: 1-25 DENOTES SYSTEM LAST LINE CODE USED: 22-24 DENOTES...

7.1. DRAWING	7.2. INSTRUMENTS	7.3. MATERIALS	7.4. TESTS	7.5. MOUNTING	7.6. IDENTIFICATION	7.7. LABELING	7.8. MARKING	7.9. IDENTIFICATION	7.10. LABELING
...	...	...	...	...	...	...	...	...	...

8.5" 11" 17"

8.5" 11" 17"



8412190160

PDR RIDS :

