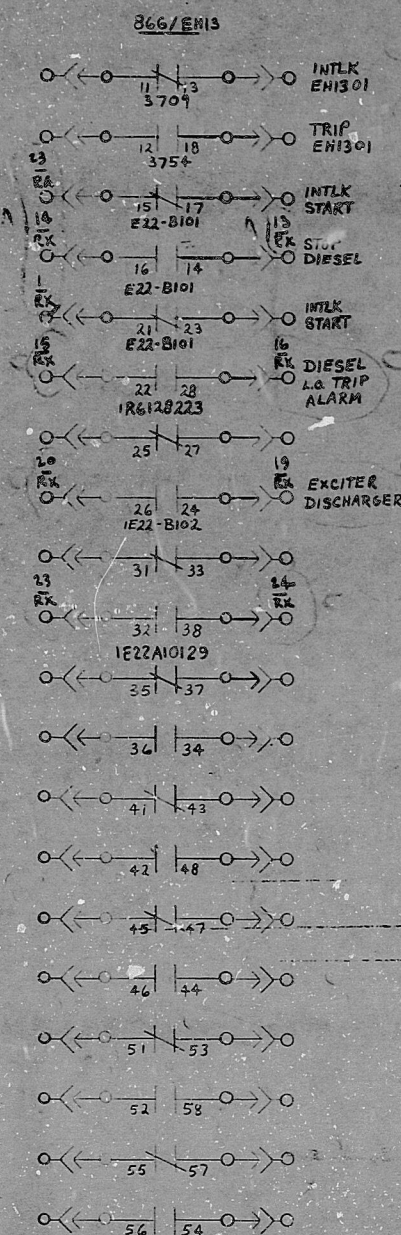




1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED ON SWITCHGEAR.
2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO. AND LINE NO. (EXAMPLE: R225-054).
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO. AND SHEET NO. (EXAMPLE: R225SA).
4. DEVICE DESIGNATION ARE PREFIXED BY UNIT AND SYSTEM NO. (EXAMPLE: 1R22-065).
5. PROTECTIVE RELAY COILS ARE SHOWN ON THREE LINE DIAGRAM.
6. ALL LOCKOUT RELAY CONTACTS TERMINATED THROUGH STATES DISCONNECT TERMINAL BLOCKS.
7. REFERENCE R43 SHEET 01, FOR 1R43-S3 SWITCH DEVELOPMENT.
8. FOR ITC RELAY STANDARDS REFER TO DWG. B-208-005

EXTERNAL WIRE MARK
INTERNAL WIRE MARK
59D OVERTVOLTAGE NGV22A
59DX OVERTVOLTAGE AUXILIARY RELAY 7823ED

- 086 DIESEL GENERATOR L.O. RELAY
 ELECTRO SWITCH 7805LR
 K15, 86GX DIESEL GENERATOR AUXILIARY RELAY
 ITE J13PA3012
 → → → STATES DISCONNECT TERMINAL BLOCK
 K12 LOCA CONTACT MULTIPLIER RELAY ITE J13PA7012
 DR DIESEL ROOM
 D-1H13-P7123 TERMINATION CABINET
 1H13-P873 AUXILIARY RELAY CABINET
 K21 AGASTAT 7012AALM
 K18 ITE J13PA7012
 S44 SSM10AA102
 74 ITE J13PA4412
 1WE1P854 P844 P846 FOR 216 KW BELL 24 1301

D-20R-010 ONE LINE DIAGRAM
D-207-039 THREE LINE DIAGRAM
D-207-040 THREE LINE DIAGRAM
D-207-041 THREE LINE DIAGRAM
8-211-236 SW 5B BLOCK DIAGRAM

S44 / SWGR		BY-PASS TEST SW	
CONTACTS HANDLE END		TEST	CONTACT LOCATION
		X	26
GE 0. SPM 10AA102		X	SPARE
SPRING RETURN TO NORMAL		PISTOL GRIP	

TERA
APERTURE
CARD

 NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM

METAL-CLAD SWITCHGEAR (15KV AND 5KV)

4.16 KV HPCS DIESEL BKR EH301
PROTECTIVE RELAYING

01	151197	B 300 304	300	55
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04	4548	B-208 206	R22	35
DRAWING NUMBER			SYSTEM	SH. NO.

100-443888-100

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RIDS

8112020215

