



- NOTES:**
1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED ON SWGR.
 2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO. & LINE NO. (EXAMPLE: R224B03A).
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO. (EXAMPLE: R224B141).
 4. DEVICE DESIGNATIONS ARE PREFIXED BY UNIT AND SYSTEM NO. (EXAMPLE: 1R22-27).
 5. 27-OV CONTACT CLOSING WHEN START-UP BUS VOLTAGE IS NORMAL OR ABOVE (ITE 211L115) A
 -UV CONTACT CLOSING WHEN VOLTAGE IS BELOW NORMAL
 6. 27X-LATCH TYPE RELAY-CONTACTS SHOWN IN RESET (TRIPPED) POSITION. ELECT. SWITCH TRIP SET A
 7. + TEST SWITCHES ON ITE UV RELAY COIL.

- LEGEND:**
- ⊙ EXTERNAL WIRE MARK
 - ⊙ INTERNAL WIRE MARK (SEE NOTES 2 & 3)
 - T.D. - TEST DEVICE, G.E. TYPE PK2 6-POLE
 - OP - OPERATE
 - RE - RESET
 - OV - OVERVOLTAGE
 - UV - UNDERVOLTAGE
 - IH13-P877 - DIESEL GENERATOR BENCHBOARD
 - TS - TEST SWITCH, SUPERIOR 9-POLE #1306 A

- REFERENCES:**
- D-206-017 ONE LINE DIAGRAM
 - B-211-206 SHEET 44, BLOCK DIAGRAM

PRC
APERTURE
CARD

REVISED 2 PLACES PER ECN 8853-86-131		REV SWGR TERM.	REV TERM INFO PER MEGR DWGS.	REVISED UNDERVOLTAGE RELAY AND LATCH RELAY PER ITC. ADDED WIRE TERMINALS & TS INFO	READING PA	GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS	044549-000	TEL SPB DEG RAN 1/8-77	04 4549 B 208-206 R22 46 D										
REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE

THE CLEVELAND ELECTRIC ILLUMINATING CO.		PERRY NUCLEAR POWER PLANT UNIT I	
ELECTRICAL-ELEMENTARY DIAGRAM			
METAL-CLAD SWITCHGEAR (15KV AND 5KV)			
4.16KV BUS XH11 & XH12 UNDERVOLTAGE AND POTENTIAL CIRCUITS			
DRAWING NUMBER	SYS. NO.	SH. NO.	REV.

ELEM DIAG - R22 XH11 - UNDER-VOLTAGE

Rids

82+221.0530

