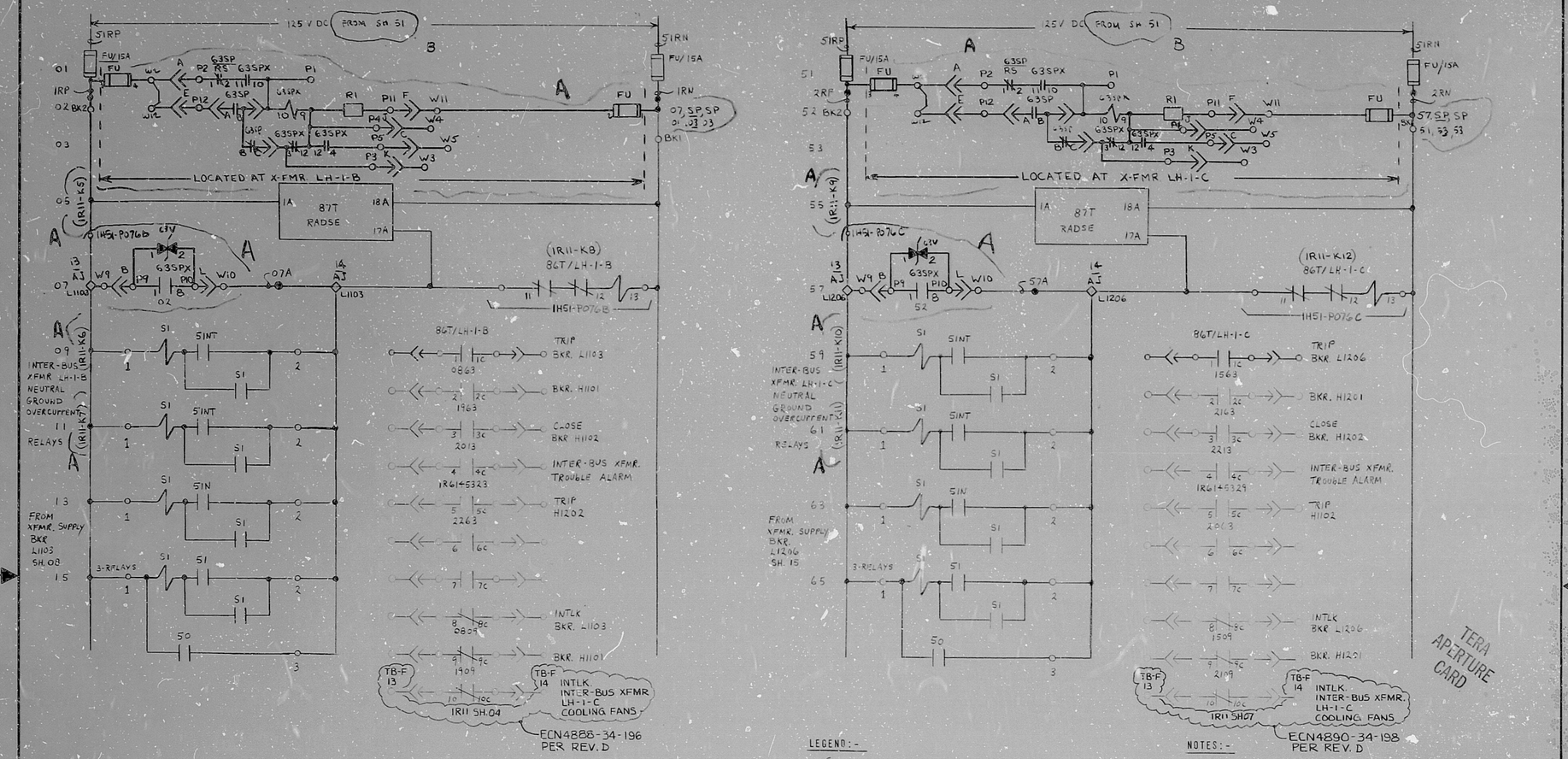


LEGEND:-

- EXTERNAL WIRE MARK (SEE NOTES 2 AND 3)
- INTERNAL WIRE MARK
- SWITCHGEAR TERMINAL
- SP — SUDDEN PRESSURE RELAY
- 635PX — SUDDEN PRESS. RELAY AUX.
- 87T — INTER BUS TRANSFORMER DIFFERENTIAL RELAY TYPE RADSE
- 86T — G.E. L.O. RELAY TYPE HEA CATALOG NO. 12HEA61B237
- 51NT — TRANSFORMER GROUND OVERCURRENT RELAY, G.E. IFC51
- STATES DISCONNECT TERMINAL BLOCK

1H51-P076E - INTER-BUS XFMR LH-1-B PROTECTIVE RELAY PANEL
1H51-P076D - INTER-BUS XFMR LH-1-C PROTECTIVE RELAY PANEL

REFERENCES:-

- D-207-028,029 THREE LINE DIAGRAM
- D-206-016 ONE LINE DIAGRAM
- B-211-206 SH 55 BLOCK DIAGRAM

NOTES:-

1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN THE TURBINE POWER COMPLEX. PANELS 1H21-P076 & 1H51-P076.
2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO., AND LINE NO. (EXAMPLE: R225206A).
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO. (EXAMPLE: R22522N).
4. DEVICE DESIGNATIONS ARE PREFIXED BY UNIT AND SYSTEM NO. (EXAMPLE: 1R22-86T-1).
5. REFER TO THREE LINE FOR TRANSFORMER GROUND RELAY COILS.
6. FOR GRAPHIC STANDARDS, REFER TO DWG. B-208-001.
7. FOR RELAY STANDARDS, REFER TO DWG. B-208-002.

REV	MADE	CHKD	APPROVALS	DATE	
D	KDH	RAM	DEG	10-15-80	REVISED PER VENDOR INFORMATION
C	WJC		DEG	7-30-80	ADDED SHORT STUDY LINES 07 & 57, 02, 52
B	WJC		DEG	7-23-79	ADDED ISSUE POWER SOURCE
A			DEC	8-23-77	REV. 63, ADDED TAG NOS

DATE	RELEASED FOR	ENGR.
11-8-77	CONSTRUCTION	
	PRELIMINARY	

READING PA. — GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS

WORK ORDER	MADE	CHKD.	DR. APP.	ENG. APP.	DATE
044549-000	TEL		DEG		11-8-77

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT — UNIT 1

ELECTRICAL-ELEMENTARY DIAGRAM

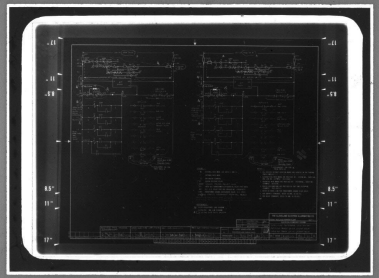
METAL-CLAD SWITCHGEAR (15 KV AND 5KV)
INTER-BUS TRANSF. LH-1-B LOCKOUT RELAY
INTER-BUS TRANSF. LH-1-C LOCKOUT RELAY

DRAWING NUMBER			SYSTEM	SH. NO.	REV.
04	4549	B-208-206	R22	52	D

ELEM DIAG IR22 TRANSF LH1B & LH1C

TERA APERTURE CARD

GAI 2013

RIDS-PDR

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