

G.E. DWG 851E602 SH.14 REV.4
G.E. DWG 851E602 SH.15 REV.4

1. TERMINALS WITHOUT LOCATION MARKS ARE LOCATED IN AMMUNICIATOR CAB. (1H13-P630)
2. Δ DENOTES SEQUENCE OF EVENT RECORDER TERMINALS.
3. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SYSTEM NO., SHEET NO., AND LINE NO. (EXAMPLE R610101A).
4. DEVICE DESIGNATIONS ARE PREFIXED BY: SYSTEM NO. (EXAMPLE 1E21-K5).
5. FOR GRAPHIC STANDARDS, REFER TO DRAWING B-208-001.
6. POWER TO ISOLATORS IS SHOWN ON DWG B-208-070 SH. A02 & A03

LEGEND:

- EXTERNAL WIRE MARK (SEE NOTE 2)
- INTERNAL WIRE MARK

IF J-P632 DIV 1 LEAK DETECTION MON PNL
IH13-P642 DIV 2 LEAK DETECTION MON PNL

(A1) ASSOCIATED-DIV 1
(A2) ASSOCIATED-DIV 2

The diagram illustrates a control system for a steam tunnel, featuring three temperature measurement channels (A1, A2, A3) and their connections to a common output line.

Channel A1 (Top):

- Input: IR6101AP (01)
- Transducer: IE31-K25A (M2, T2)
- Signal: IE31A0529
- Output: O1A (AI), O1C (OIC)
- Block: IE31-AT1 (IN, OUT, B)
- Signal: J122-H (IH13-P632)
- Output: O5A

Channel A2 (Middle):

- Input: 09A (AI), 09C (OIC)
- Transducer: IE31-K25B (M2, T2)
- Signal: IE31A0629
- Block: IE31-AT5 (IN, OUT, B)
- Signal: J110-H (IH13-P642)
- Output: 05A

Channel A3 (Bottom):

- Input: 15A (AI), 15C (OIC)
- Transducer: IE31-N603B (G, F1)
- Signal: IE31A1200
- Block: IE31-N602B (G, F1)
- Signal: IE31A1207
- Block: IE31-AT5 (IN, OUT, D)
- Signal: J110-C (IH13-P642)
- Output: 21A

Common Output Line:

- Line: 05A
- Block: RCIC & RHR ST LN ISOL-STEAM TUNNEL TEMP HI C2 AMB
- Signal: 05C

Channel A3 (Bottom):

- Input: 21A (AI), 21C (OIC)
- Block: RCIC & RHR ST LN ISOL-RCIC ROOM TEMP HIGH D2 AMB
- Signal: 21C

The diagram illustrates a control system for a TERA Aperture Card. It features two input modules, IE31-AT1 and IE31-AT2, connected to a central processing unit, RCIC AREAS LD AMB TEMP REC ALARM P632. The input modules are connected to a common bus line. The output of the central unit is connected to a TERA Aperture Card.

Input Modules:

- IE31-AT1:** Labeled "IE31-AT1" with "IN" and "OUT" terminals. It is connected to a common bus line via a switch labeled "J122-C".
- IE31-AT2:** Labeled "IE31-AT2" with "IN" and "OUT" terminals. It is connected to a common bus line via a switch labeled "J123-C".

Central Unit:

- RCIC AREAS LD AMB TEMP REC ALARM P632:** A rectangular box containing the text "RCIC AREAS LD AMB TEMP REC ALARM P632". It is connected to the common bus line and has an output labeled "E2 AMB".

Connections:

- A common bus line runs vertically through the center of the diagram, connecting the input modules to the central unit.
- The output of the central unit is connected to a TERA Aperture Card, which is labeled "TERA APERTURE CARD" at the bottom right.

THE CLEVELAND ELECTRIC ILLUMINATING CO.	
PERRY NUCLEAR POWER PLANT	UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM	
CONTROL ROOM ANNUNCIATOR ECCS BENCHBOARD (1H13-P601) SECTION 21A	

REV PER ECN 245-033-01-23
CHGD. CONTACT REFS &
NUMBERS & ADDED
PINTJACKS AS INDICATED;
PER GE DRAWINGS.

	7/24/77	CONSTRUCTION	[Signature]
		PRELIMINARY	
	DATE	RELEASED FOR	
READING EA	GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS		

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ITEM	QTY	UNIT	DESCRIPTION	CHRG	APPROVAL	DATE	WORK ORDER	MADE	CHKD.	DRG.	P.F.
ELEM	DIAG	ANNUN	WIRING	RG	1	4	2				

RDS-RDR

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