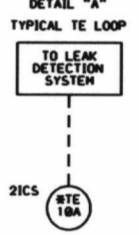


MARK NUMBER	VALVE DESCRIPTION	SIZE	NUMBER OF VALVES
V42	V42V25B-B-4	3/4"	1
V41	BY HFC	1"	1

- AREA LEGEND**
- REACTOR BLDG CLOSED-LOOP COOLING
  - WATER HT. EXCH. RM.
  - LPCS PUMP RM
  - RRM HT EXCH RM "A"
  - GEN AREA EL. 175'-0"
  - RRM EXCH RM "B"
  - RRM EXCH RM "C"
  - RRM EXCH RM "D"
  - RRM EXCH RM "E"
  - RRM EXCH RM "F"
  - RRM EXCH RM "G"
  - RRM EXCH RM "H"
  - RRM EXCH RM "I"
  - RRM EXCH RM "J"
  - RRM EXCH RM "K"
  - RRM EXCH RM "L"
  - RRM EXCH RM "M"
  - RRM EXCH RM "N"
  - RRM EXCH RM "O"
  - RRM EXCH RM "P"
  - RRM EXCH RM "Q"
  - RRM EXCH RM "R"
  - RRM EXCH RM "S"
  - RRM EXCH RM "T"
  - RRM EXCH RM "U"
  - RRM EXCH RM "V"
  - RRM EXCH RM "W"
  - RRM EXCH RM "X"
  - RRM EXCH RM "Y"
  - RRM EXCH RM "Z"

- LINE LEGEND**
- AIR SUPPLY (OA CAT II EXCEPT AS NOTED)
  - RECIRCULATED AIR (OA CAT I)
  - INDUCED AIR (NOT DUCTED)
  - AREA EXHAUST (OA CAT III)
  - AREA EXHAUST/RETURN (OA CAT II)



**ASSOCIATED EQUIPMENT NUMBERS**

WTE	AREA
21C5	H-7
21C6	H-9
21C7	C-10
21C8	C-9
21C9	C-9
21C10	H-9
21C11	H-9
21C12	C-7

- NOTES**
- ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "21C" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (\*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF NUCLEAR SAFETY FEATURES SYSTEMS.
  - CE IDENTIFICATION NUMBERS TO BE SHOWN IN A SQUARE.
  - SEE TYPICAL TE LOOP, DETAIL "A" (M-5).
  - 21C5 & 21C6 ARE EACH DUAL THERMOCOUPLES.
  - 21C7 & 21C8 ARE EACH DUAL THERMOCOUPLES.
  - 21C9 & 21C10 ARE EACH DUAL THERMOCOUPLES.
  - UNIT COOLER DRAIN IS SHOWN ON PID-52C.
  - UNIT HEADERS ARE LOCATED AT OR ABOUT EL. 295'-0" AREA NO. 8.
  - ALL AIR QUANTITIES ARE IN CUBIC FEET PER MINUTE (CFM).
  - CONTRIBUTORS AIRING ROOM (CAR) CONN. WITH ISOMETRIC PROBE.
  - SHUT OFF DAMPERS, FIRE DAMPERS (OA CAT III) AND WOLFE DAMPERS SHALL BE FURNISHED AND INSTALLED BY SHEET METAL CONTRACTOR.
  - THE SYMBOL (M) DENOTES EQUIPMENT SUPPLIED BY GE.
  - THE SYMBOL (H) DENOTES EQUIPMENT SUPPLIED BY DIGITAL RADIATION MONITOR VENDOR.

LR NOTE:  
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

SAFETY RELATED  
QUALITY RELATED  
NON SAFETY RELATED  
(REF. SAR FIG. 9.4-8c)

**Constellation Energy Group** NINE MILE POINT NUCLEAR STATION UNIT 2 - SCRIBA, N.Y.  
**PIPING & INSTRUMENTATION DIAGRAM**  
RX BUILDING VENTILATION & CAT I AREA COOLERS

SCALE: NONE DRAWING NO: LR-52D-0

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