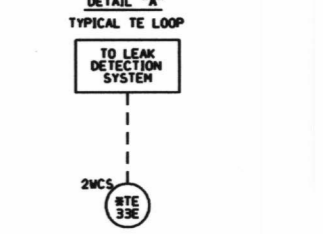


- AREA LEGEND**
- 8. RAD PIPE CHASE
  - 9. RAD PIPE CHASE
  - 11. RRH HT EXCH. RM "B"
  - 12. RRH PUMP RM "B"
  - 13. RRH PUMP RM "C"
  - 21. ELECT. MCC AREA
  - 29. GEN AREA EL 261'-0"
  - 32. CONTROL ROOM DRIVE MAINTENANCE FACILITY RM
  - 33. PHASE SEP PUMP RM 6A
  - 34. PHASE SEP TC RM 6A
  - 35. PHASE SEP PUMP RM 6B
  - 37. SFC PUMP RM 10
  - 38. SFC PUMP RM 11
  - 39. ELECT RM NUC LOAD CENTER
  - 40. GEN AREA EL 285'-6" & 313'-0"
  - 41. RRH HT EXCH RM
  - 42. GEN AREA EL 320'-10"
  - 43. RRH PUMP RM 10
  - 44. RESIN STORAGE AREA
  - 45. SFC PUMP RM EL 330'-10"
  - 49. VALVE RM EL 320'-10"
  - 50. SPENT FUEL POOL DESIGN
  - 51. PRECOAT PUMP RM ABB
  - 52. REFUELING FLOOR EL 353'-10"
  - 53. ELEV MACH RM
  - 54. SOUTH STAIR TOWER
  - 61. ELECT. CABLE TRAY AREA

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



**ASSOCIATED EQUIPMENT NUMBERS**

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES	IS	IE	AREA
V43	BY MFG	1"	1			F-8
V44	VMS250-B-4	3/4"	1			F-8

- NOTES**
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "20HRS" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (\*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEMS.
  2. SEE IDENTIFICATION NUMBERS TO BE SHOWN IN A SQUARE.
  3. SEE TYPICAL (TE) LOOP" & TABLE DETAIL "A" (N-5).
  4. ALL AIR QUANTITIES ARE IN CUBIC FEET PER MINUTE (CFM).
  5. 20HRSITE'S ARE EACH DUAL THERMOCOUPLES AND ARE LOCATED IN AREA NO. 41.
  6. SYMBOL (EA) ON THE FIRE DAMPER INDICATES THAT THE FIRE DAMPER HAS A FUSIBLE LINK AND ALSO AN ELECTRICAL TRIP MECHANISM WHICH IS INTERLOCKED WITH CO2 FIRE PROTECTION SYSTEM.
  7. UNIT COOLER DRAIN IS SHOWN ON PID-S2C.
  8. UNIT HEATERS ARE SHOWN ON PID-S2E.
  9. 20HRSITE ARE EACH DUAL THERMOCOUPLES.
  10. CONTINUOUS AIRBORNE MONITOR (CAM) CONN. WITH FIXED ISOMETRIC PHASE.
  11. 20HRSITE#21 IS TO BE LOCKED OPEN AT A POSITION WHICH ALLOWS THE REQUIRED AIR FLOW FOR EACH SFC PUMP ROOM.
  12. THE SYMBOL (S) DENOTES EQUIPMENT FURNISHED BY G.E.
  13. THE SYMBOL (D) DENOTES SUPPLY BY DIGITAL RADIATION MONITOR VENDOR.
  14. DUCTWORK TO PIPE CONNECTION TO BE 3/4" DIAMETER.
  15. ELECTRIC HEATERS, FLOW SWITCHES, SHUT OFF DAMPERS, FIRE DAMPERS, QA CAT III AND VALVE DAMPERS SHALL BE FURNISHED AND INSTALLED BY SHEET METAL CONTRACTOR.

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. 9.4-8b)

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

182