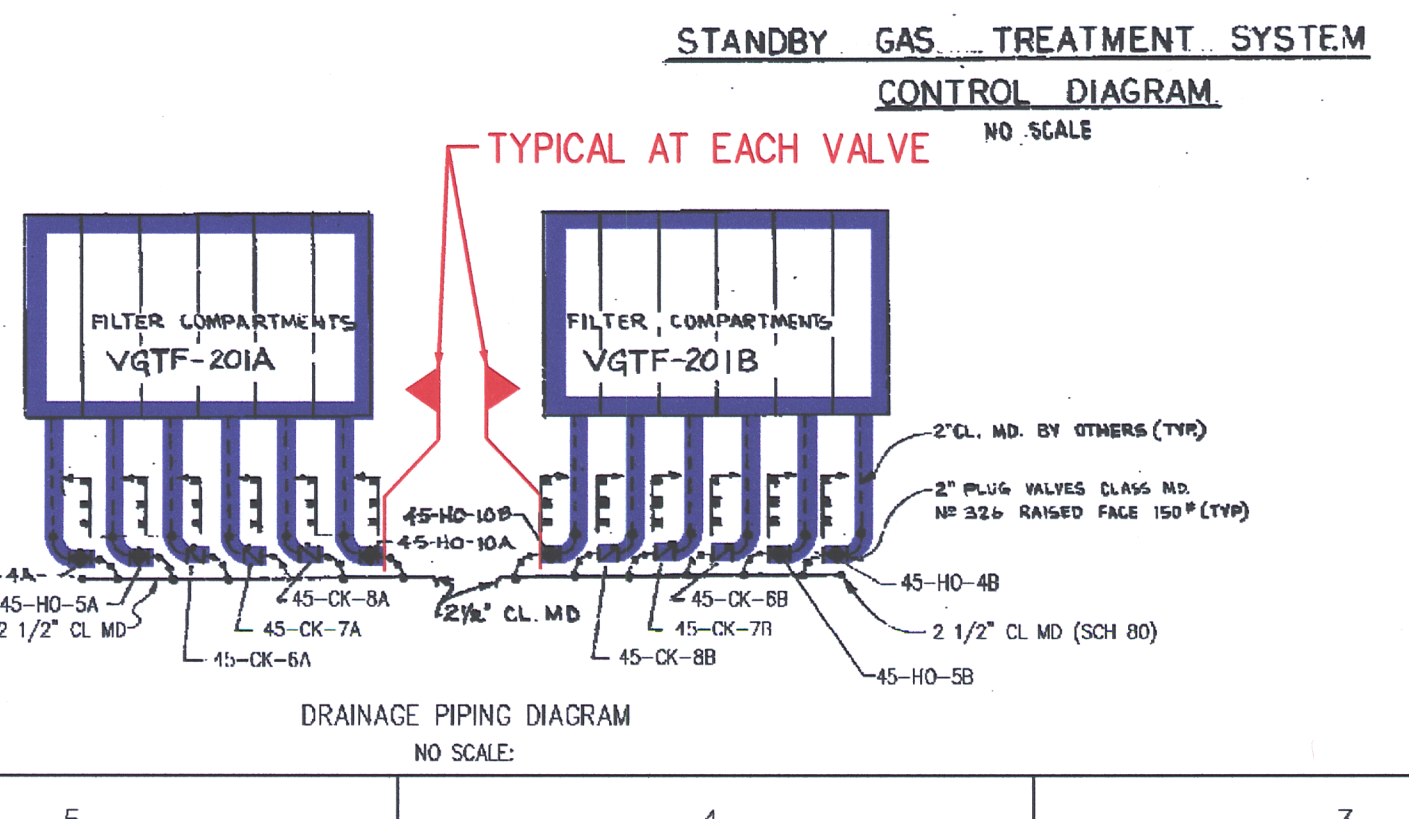


- NOTES:
1. ALL AIR OPERATED VALVES, OTHER THAN AO-N105 AND AO-N112, FAIL OPEN ON LOSS OF DC POWER AND/OR ON LOSS OF INSTRUMENT AIR.
  2. POWER SOLENOID VALVES L-5A, L-5B, L-61, L-6V FROM BATTERY "A". POWER SOLENOID VALVES L-62, L-63, L-70, L-78 FROM BATTERY "B". POWER SOLENOID VALVES L-77, L-78, L-79 FROM 125V DC DISTRIBUTION PANEL "C". POWER SOLENOID VALVES 9007A & B, 9008A & B FROM 24V DC FROM PANEL 608C & 608C RESPECTIVELY.
  3. STANDBY GAS TREATMENT SYSTEM EXHAUST FANS VEX-210A AND VEX-210B AUTO START ON HIGH DRYWELL PRESSURE, REACTOR LOW WATER (LV) REFUELING FLOOR HIGH RADIATION OR MANUAL START FROM CONTROL ROOM.
  4. CONTROL DEVICES WITH THIS SYMBOL ARE NOT FURNISHED BY TEMP. CONTROL SUB-CONTRACTOR.
  5. FOR PNEUMATIC TEMP. CONTROL AIR SUPPLY SEE DWG M220.
  6. 00 INDICATES CE-ASSED SUPPLIED INSTRUMENTS.
  7. \*X DENOTES THE DEVICES ARE FURNISHED BY EQUIPMENT SUPPLIER (FAIR CO.).
  8. TEMPERATURE ELEMENTS TE9007A, TE9007B, TE9008A, TE9008B ARE CONTINUOUS 175MM THERMISTOR SENSORS, SEE DRAWING NO. M50A-1.
  9. AIR OPERATED VALVES AO-N105 AND AO-N112 FAIL CLOSE ON LOSS OF DC POWER AND/OR ON LOSS OF INSTRUMENT AIR.
  10. A/S DISCONNECTED FROM AO-N105 AND AO-N136 FOR SECTS MOD TO MAINTAIN VALVES IN THE OPEN POSITION.
  11. A SPOOL PIECE MAY BE USED TO CONNECT INSTRUMENT AIR FOR SURVEILLANCE AND MAINTENANCE PURPOSES ONLY.
- (NOTES CONTINUED REFLOW)

- SYMBOLS (SEE M280 FOR HVAC AND M200 FOR PIPING)
- /— BUTTERFLY VALVE
  - DAMPER
  - AS AIR SUPPLY
  - HD HEAT DETECTOR BY VENDOR
  - WV WAIR VALVE BY VENDOR
  - CR HEAT DETECTOR ACTIVATED RELAY BY VENDOR
  - DP2 DIFF. PRESSURE GAGE (LOCATED OUTSIDE OF FILTER TRAINS)

- NOTES (CONT.)
12. (AMT. SWITCH 1571A/H MOD. NO. 40-102010-425 (FENVAL INC.) SEE DRAWING M50B1.
  13. DEMISTERS HAVE BEEN MADE OPTIONAL AS THEY PERFORM NO SAFETY FUNCTION.
  14. TIME DELAY RELAY 2-105 CLOSING DAMPER N-105 WITHIN SWITCH LHS-VEX-2100 IS IN STANDBY POSITION & SET TIME HAS ELAPSED. CLOSING OF N-105 TRIPS FAN VEX-210B.
  15. PS-8135 OPENS DAMPER N-106 IF HS-VEX-210B IS IN STANDBY AND LOW FLOW EXISTS FOR LONGER THAN TIME DELAY. OPEN DAMPER STARTS VEX-210B.
  16. \*\* S.S.I. 1034A ALLOWS FOR THE USE OF NUCLEON M2011 1799 II CHARCOAL FILTERS.



SCALE	NONE	DESIGNED	BBC/TEL	DRAWN	SCAN	E
Entergy Nuclear Generation Company PILGRIM STATION PLYMOUTH, MA						
HEATING VENTILATION & AIR CONDITIONING STANDBY GAS TREATMENT SYSTEM CONTROL DIAGRAM						
E26 (1/2) REVISED PER DOW 02-13955		TEB		CTS/WB		DRAWING NO. <b>M294</b>
E26 (3/04) REVISED PER DOW 01-10336		A		AEU/DLT		
A: SCANNED & REVISED PER DOW 01-10328		BY		ENG/CHK/APP		
NO DATE		REVISIONS				
11100-1995 FSAR DWG FIGURE (REV 16) 1.18-2						

**SYSTEM INTENDED FUNCTION BOUNDARY**

**COMPONENTS SUBJECT TO AMR**

- STANDBY GAS TREATMENT SYSTEM AMR-07
- PRIMARY CONTAINMENT ATMOSPHERE CONTROL SYSTEM AMR-08
- INSTRUMENT AIR SYSTEM AMR-16

0	11-5-05					
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-294-0						
CDB FILE LRA-M-294-E26.DGN						
PLOTTER FILE M294-CALS-E26.CAL						