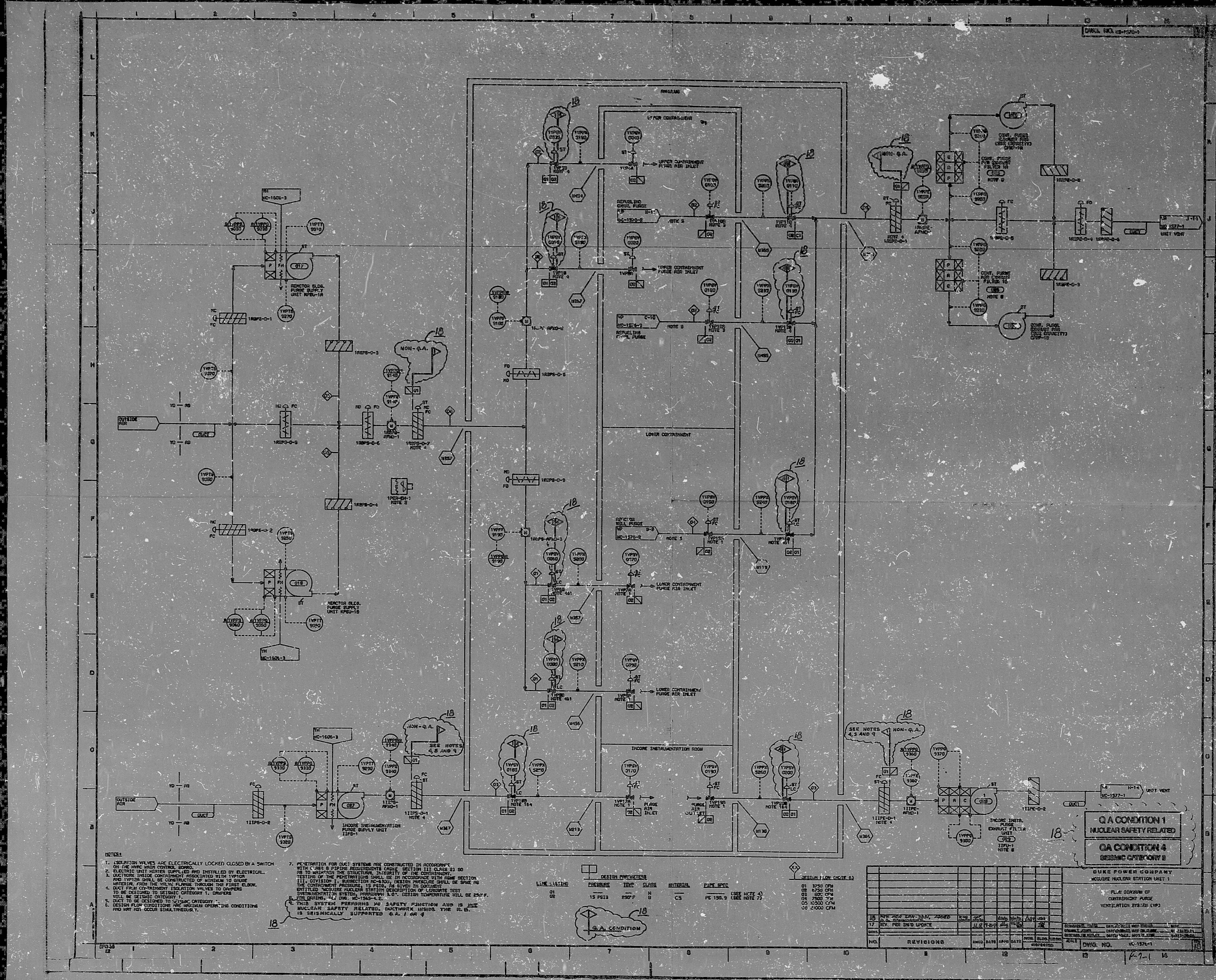
NOTES:
1. ISOLATION VALVES ARE ELECTRICALLY LOCKED CLOSED BY A SWITCH ON THE HVAC MAIN CONTROL BOARD.
2. ELECTRIC UNIT HEATER SUPPLIED AND INSTALLED BY ELECTRICAL.
3. DUCTWORK INSIDE CONTAINMENT ASSOCIATED WITH 1VP10A AND 1VP12A SHALL BE CONSTRUCTED OF MINIMUM 10 GAUGE MATERIAL FROM THE VALVE FLANGE THROUGH THE FIRST ELBOW.
4. DUCT FROM CONTAINMENT ISOLATION VALVES TO DAMPERS TO BE DESIGNED TO SEISMIC CATEGORY 1. DAMPERS WILL BE SEISMIC CATEGORY 1.
5. DUCT TO BE DESIGNED TO SEISMIC CATEGORY 1.
6. DESIGN FLOW CONDITIONS ARE MAXIMUM OPERATING CONDITIONS AND MAY NOT OCCUR SIMULTANEOUSLY.
7. PENETRATION FOR DUCT SYSTEMS ARE CONSTRUCTED IN ACCORDANCE WITH CLASS B PIPING REQUIREMENTS (ASME SECTION III CLASS 2) SO AS TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE CONTAINMENT. TESTING OF THE PENETRATIONS SHALL BE IN ACCORDANCE WITH ASME SECTION III, DIVISION I, SUBSECTION NC-6300. DESIGN PRESSURE SHALL BE SAME AS THE CONTAINMENT PRESSURE, 15 PSIG, AS GIVEN IN DOCUMENT ENTITLED "MCGUIRE NUCLEAR STATION DESCRIPTION OF LEAKRATE TEST INSTRUMENTATION SYSTEM, PARAGRAPH 3.0". DESIGN TEMPERATURE WILL BE 25?°F.
8. FOR DRAINS, SEE DWG. MC-1565-4.2.
9. THIS SYSTEM PERFORMS NO SAFETY FUNCTION AND IS NOT NUCLEAR SAFETY RELATED. DUCTWORK INSIDE THE R.B. IS SEISMICALLY SUPPORTED Q.A. 1 OR 4
Q A CONDITION 1
NUCLEAR SAFETY RELATED
QA CONDITION 4
SEISMIC CATEGORY II
DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1
FLOW DIAGRAM OF
CONTAINMENT PURGE
VENTILATION SYSTEM (VP)
18 ... SAN. 9537, ADDED Q.A. BOUNDARIES
17 REV. PER INFO UPDATE
NO. REVISIONS
DWG. NO. MC-1576-1
SI APERTURE CARD

9904030006

PDR RIDS