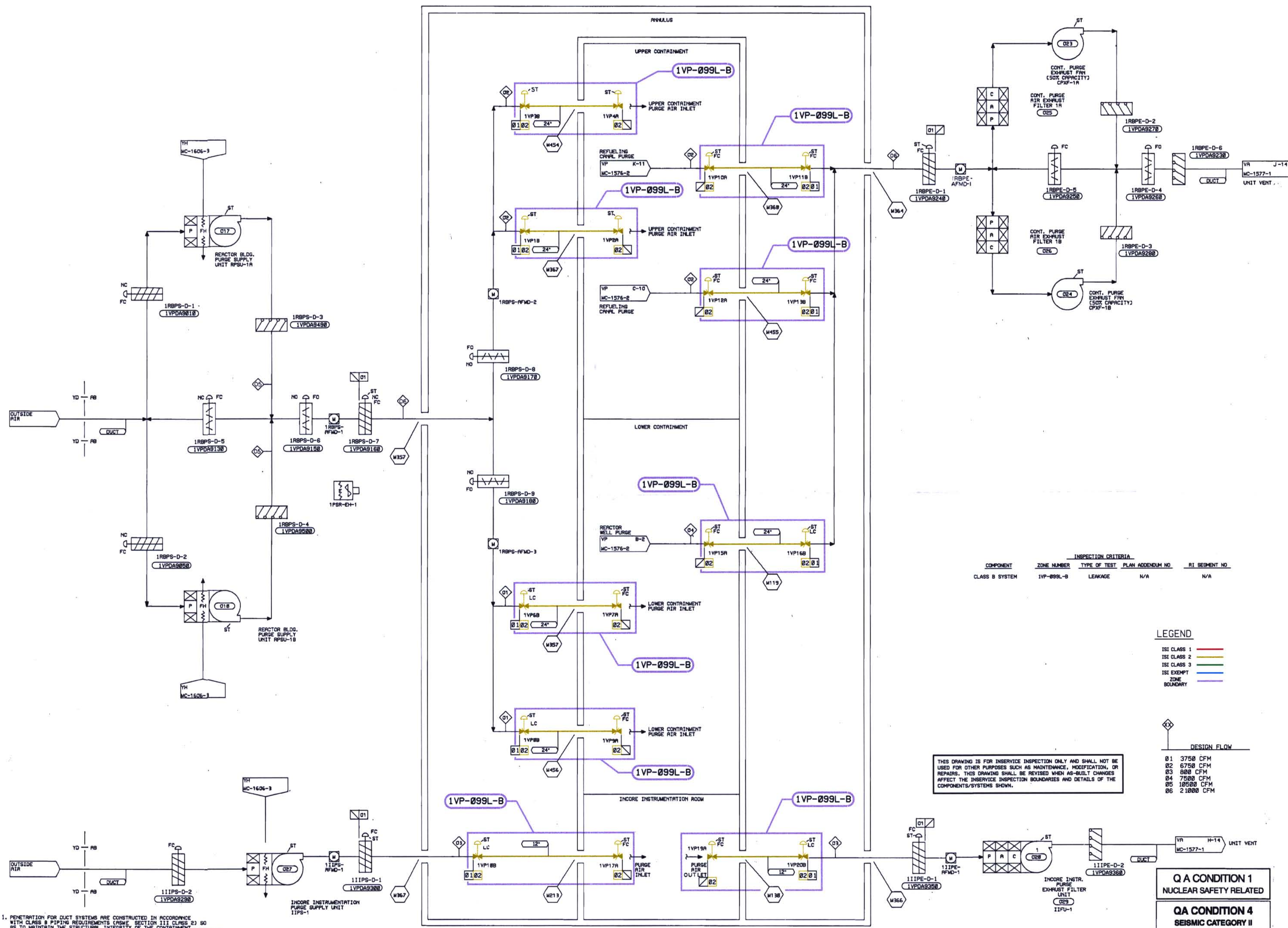




COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO.	RI SEGMENT NO.
CLASS 8 SYSTEM	1VP-099L-B	LEAKAGE	N/A	N/A

- LEGEND**
- ISI CLASS 1
 - ISI CLASS 2
 - ISI CLASS 3
 - ISI EXEMPT
 - ZONE BOUNDARY

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

- DESIGN FLOW**
- 01 3750 CFM
 - 02 6750 CFM
 - 03 8000 CFM
 - 04 7500 CFM
 - 05 10500 CFM
 - 06 21000 CFM

1. PENETRATION FOR DUCT SYSTEMS ARE CONSTRUCTED IN ACCORDANCE WITH CLASS 8 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 1, SUBSECTION NC-5300. DESIGN PRESSURE SHALL BE SAME AS THE CONTAINMENT PRESSURE, 15 PSIG, AS GIVEN IN DOCUMENT ENTITLED "MCQUIRE NUCLEAR STATION DESCRIPTION OF LEAKRATE TEST INSTRUMENTATION SYSTEM, PARAGRAPH 3.0". DESIGN TEMPERATURE WILL BE 250°F.

LINE LISTING	DESIGN PARAMETERS	TEMP	CLASS	MATERIAL	PIPE SPEC
01 02	15 PSIG	250°F	H	CS	PS 150.9 (SEE NOTE 1)

DUKE POWER COMPANY MCQUIRE NUCLEAR STATION UNIT 1					
ASME SECTION XI INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF CONTAINMENT PURGE VENTILATION SYSTEM (VP)					
DESIGNER	TIM MYERS	DATE	5-9-01	INSP.	WAIVED
DRAWN	TIM MYERS	DATE	5-9-01	INSP.	WAIVED
CHECKED	JIM ROUSHMAN	DATE	5-9-01	INSP.	WAIVED
SCALE				DATE	5-9-01
NO.	REVISIONS	DRN	DATE	CHKD	DATE
DWG. NO. MC-ISIL-1576-01.00					

REFERENCE FLOW DIAGRAM
MC-1576-01.00 REV. 20
ERN:MC009AWI

D-146