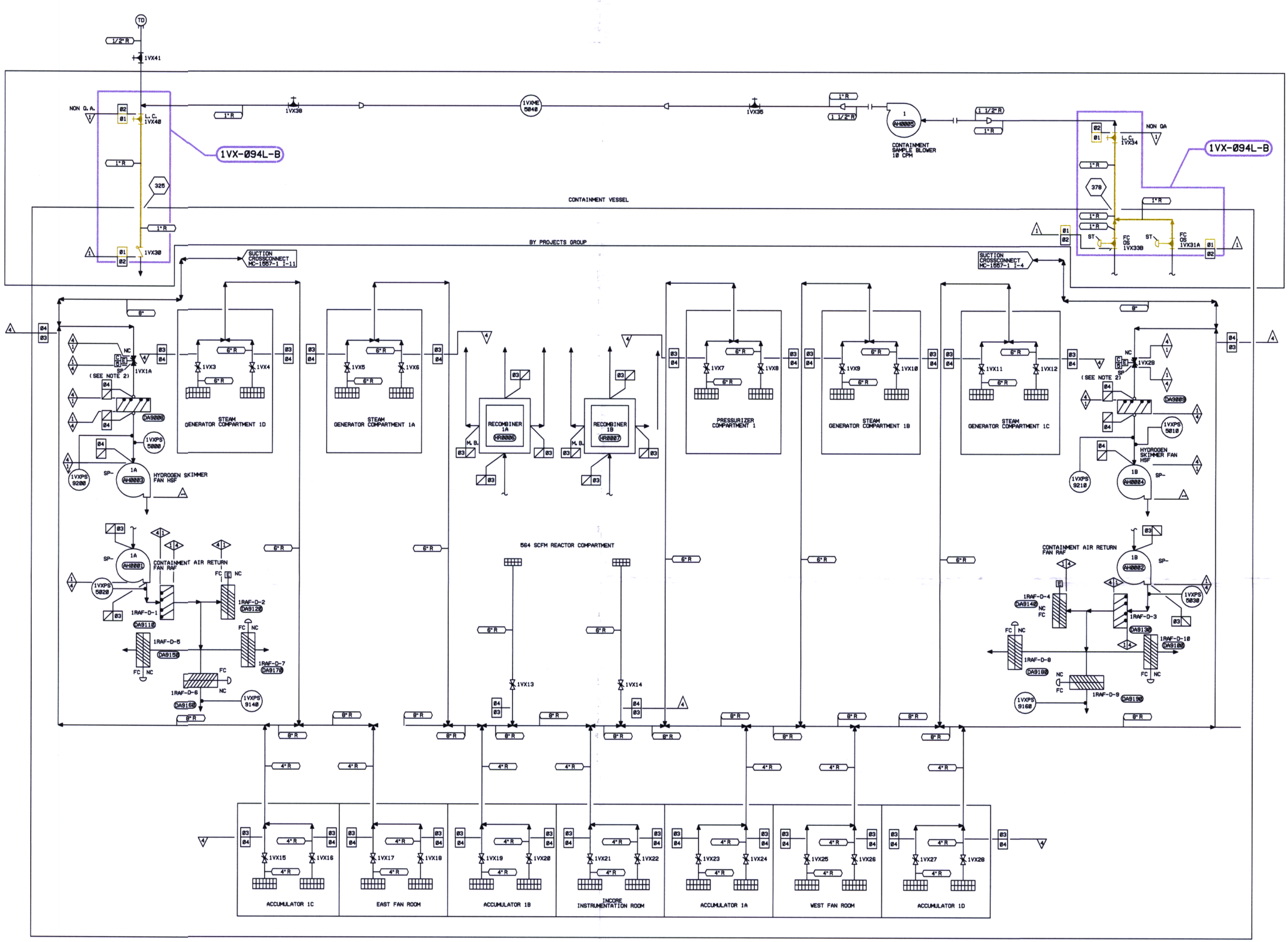
DWG. NO. MC-ISIL-1557-01.00 REV. 0



NOTES:

1. ALL PIPING CLASS F UNLESS OTHERWISE NOTED.
2. H2 SKIMMER PORTION OF VX SYSTEM IS A ANS CLASS 3 A.H. SYSTEM WHICH IS CONSTRUCTED OF PIPING MATERIALS FOR STRUCTURAL PURPOSES AS Q.A. CONDITION 4. TESTING SHALL BE IN ACCORDANCE WITH ANSI B31.1 SECTION 137.4, SUMMER 1976 ADDENDA, Q.A. COND. 1 APPLIES TO THIS AS A DUCT SYSTEM, NOT AS A PIPING SYSTEM. INSTRUMENT CONNECTIONS AND IMPULSE LINES TO BE CLASS H.

COMPONENT	INSPECTION CRITERIA ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1VX-094L-B	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01		15 PSIG	268°F	B	CS
02		15 PSIG	268°F	H	SS
03		15 PSIG	268°F	H	SS
04		15 PSIG	268°F	F	SS

Q.A. BOUNDARY

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.

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG.	RELEASED FOR ISI USE ONLY	TDM	5-8-01	JMB	5-7-01	RKR	5-9-01

W A I V E D — INSPECTED: CIVIL, ELEC., MECH.

QA CONDITION 4
QA CONDITION 1

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF CONTAINMENT AIR RETURN EXCHANGE & HYDROGEN SKIMMER SYSTEM (VX)

DESIGNER TIM MYERS DATE 5-8-01 — INSP. WAIVED DATE —
DRAWN TIM MYERS DATE 5-8-01 — INSP. WAIVED DATE —
CHECKED JIM BOUGHMAN DATE 5-7-01 — APPR. R. KEVIN RHYNE DATE 5-9-01
SCALE — DWG. NO. MC-ISIL-1557-01.00 — REV. 0

REFERENCE DRAWING
MC-1557-1 REV. 25
ERN:MC09AVL

D-115