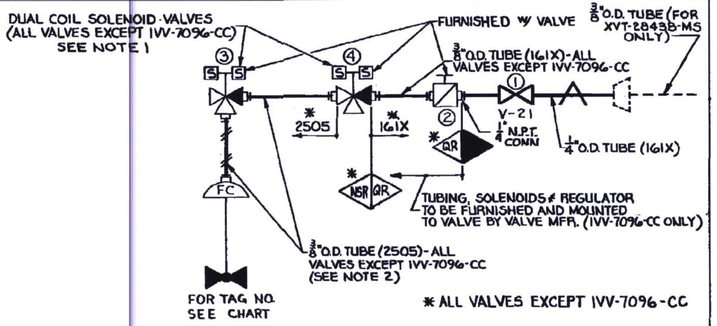


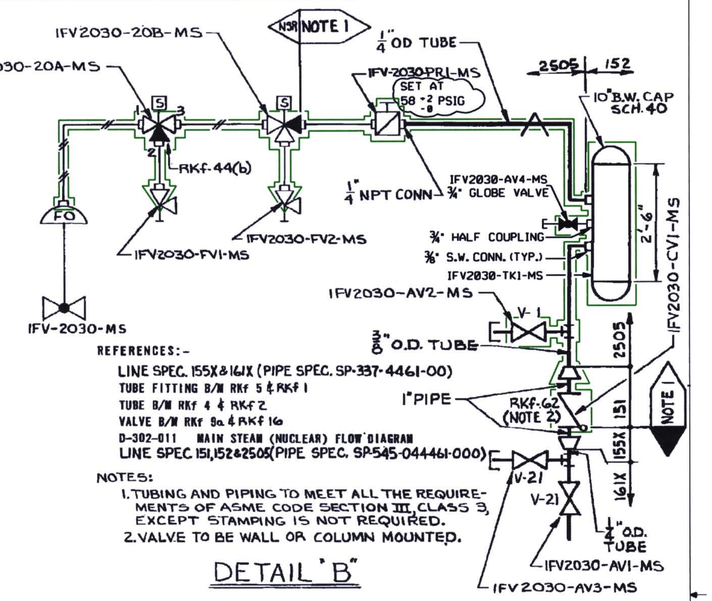
REFERENCES:-

TUBE LINE SPEC 161X (PIPE SPEC. SP-337-4461-00) & 2505 (PIPE SPEC. SP-545-044461-000)
TUBE FITTING B/M RKf 5 (161X), RKf 1 (2505)
TUBE B/M RKf 4 (161X), RKf 2 (2505)
VALVE B/M RKf 9a
D-302-011 MAIN STEAM (NUCLEAR) FLOW DIAGRAM
D-302-611 COMPONENT COOLING FLOW DIAGRAM

NOTES:-

1. SOLENOID VALVES TO BE SEISMICALLY SUPPORTED (ALL VALVES EXCEPT IVV-7096-CC)
2. ALL 2505 TUBING TO BE SEISMICALLY SUPPORTED.

DETAIL "A"



REFERENCES:-

LINE SPEC. 155X & 161X (PIPE SPEC. SP-337-4461-00)
TUBE FITTING B/M RKf 5 & RKf 1
TUBE B/M RKf 4 & RKf 2
VALVE B/M RKf 9a & RKf 16
D-302-011 MAIN STEAM (NUCLEAR) FLOW DIAGRAM
LINE SPEC. 151, 152 & 2505 (PIPE SPEC. SP-545-044461-000)

NOTES:

1. TUBING AND PIPING TO MEET ALL THE REQUIREMENTS OF ASME CODE SECTION III, CLASS 3, EXCEPT STAMPING IS NOT REQUIRED.
2. VALVE TO BE WALL OR COLUMN MOUNTED.

DETAIL "B"

① I.D. NUMBER	TAG NUMBER	B/M NO.	AIR SUPPLY DRAWING	MANUFACTURER DWG NO.	② I.D. NUMBER	③ I.D. NUMBER	④ I.D. NUMBER
XVT2843A-AVI-MS	XVT-2843A-MS	RNn-10	B-816-061	IMS-25-556	XVT2843A-PRI-MS	XVT2843A-20A-MS	XVT2843A-20B-MS
XVT2843B-AVI-MS	XVT-2843B-MS	RNn-10	B-816-061	↓	XVT2843B-PRI-MS	XVT2843B-20A-MS	XVT2843B-20B-MS
XVT2843C-AVI-MS	XVT-2843C-MS	RNn-10	B-816-062	↓	XVT2843C-PRI-MS	XVT2843C-20A-MS	XVT2843C-20B-MS
XVT2877A-AVI-MS	XVT-2877A-MS	RNn-10	B-816-077	↓	XVT2877A-PRI-MS	XVT2877A-20A-MS	XVT2877A-20B-MS
XVT2877B-AVI-MS	XVT-2877B-MS	RNn-10	B-816-063	↓	XVT2877B-PRI-MS	XVT2877B-20A-MS	XVT2877B-20B-MS
IVV7096-AVI-CC	IVV-7096-CC	RMg-2	B-816-071	IMS-50-051	IVV7096-PRI-CC	IVV7096-20A-CC	IVV7096-20B-CC

TAG NUMBER	B/M NO.	AIR SUPPLY DRAWING	MANUFACTURER DWG NO.
IFV-2030-MS	RMg-1	B-816-024	IMS-50-105

D-48

PLEX Drawing TR00160-006

THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.

DRAWING LEGIBILITY CLASS 1
SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
10	01/02/98	JTS	REVISED PER ECR-50103	MGR	LRC
9	08/15/96	JTS	REVISED PER MRF-2160.3	MGR	AME

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
I & C — INSTRUMENT DETAILS
CONTROL AIR SIGNAL
TUBING DIAGRAM
SCE&G A SCANA COMPANY — DESIGN ENGINEERING — V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S. C.

MADE	CHECKED	LE APPROVAL
1. JTS	2. MGR	3. AME

SCALE NO SCALE — DRAWING NUMBER B-817-042 — SHT. NUMBER — REV 10