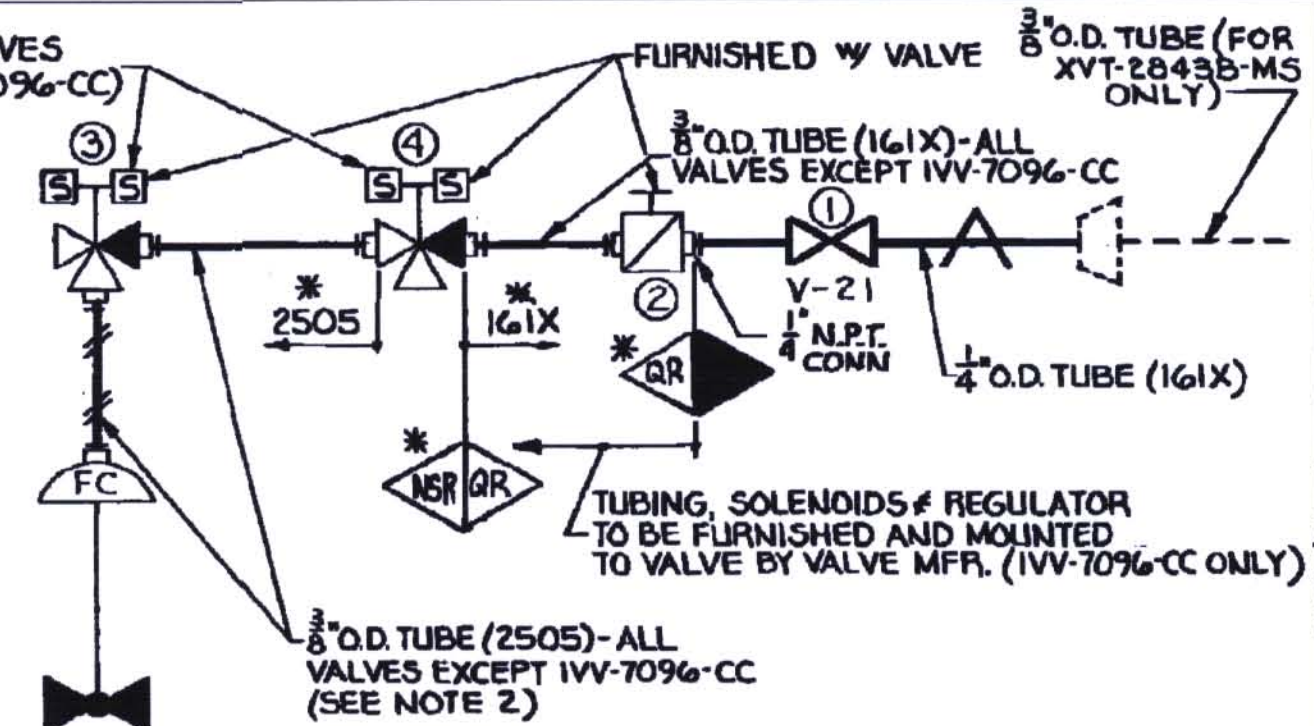


DUAL COIL SOLENOID VALVES
(ALL VALVES EXCEPT IVV-7096-CC)
SEE NOTE 1



TUBING, SOLENOIDS & REGULATOR TO BE FURNISHED AND MOUNTED TO VALVE BY VALVE MFR. (IVV-7096-CC ONLY)

* ALL VALVES EXCEPT IVV-7096-CC

REFERENCES:-

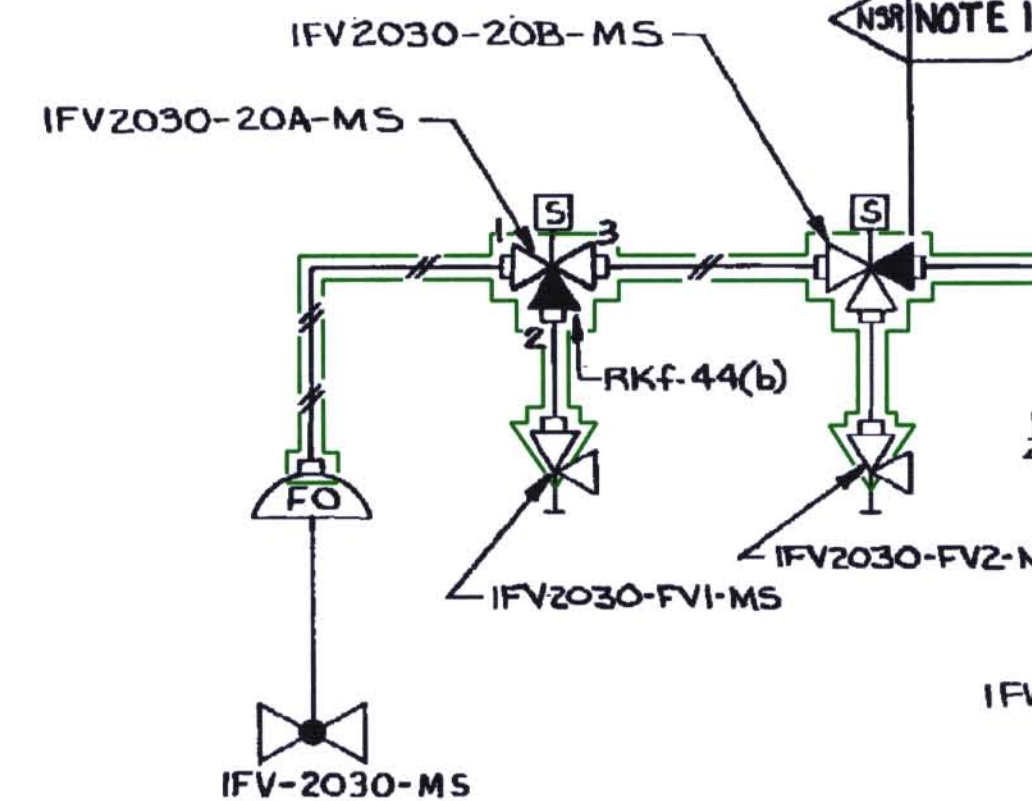
- TUBE LINE SPEC 161X (PIPE SPEC. SP-337-4461-00) & 2505 (PIPE SPEC. SP-545-044461-000)
- TUBE FITTING B/M RKF 5 (161X), RKF 1 (2505)
- TUBE B/M RKF 4 (161X), RKF 2 (2505)
- VALVE B/M RKF 9a
- D-302-011 MAIN STEAM (NUCLEAR) FLOW DIAGRAM
- D-302-611 COMPONENT COOLING FLOW DIAGRAM

NOTES:-

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

DETAIL "A"

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



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:-

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

DETAIL "B"

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

SOUTH CAROLINA ELECTRIC & GAS COMPANY			
VIRGIL C. SUMNER NUCLEAR STATION			
I & C	INSTRUMENT DETAILS		
CONTROL AIR SIGNAL			
TUBING DIAGRAM			
DESIGN ENGINEERING			
V. C. SUMNER NUCLEAR STATION JENKINSVILLE, S. C.			
MADE	CHECKED	LE APPROVAL	
1. JTS	2. MGR	3. AME	
SCALE	B-817-042		10
NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION	OKD. BY	APPROVAL
10	12/02/98	JTS	REVISED PER ECR-50103	MGR	LRC
9	08/16/96	JTS	REVISED PER MRF-21603	MGR	AME

