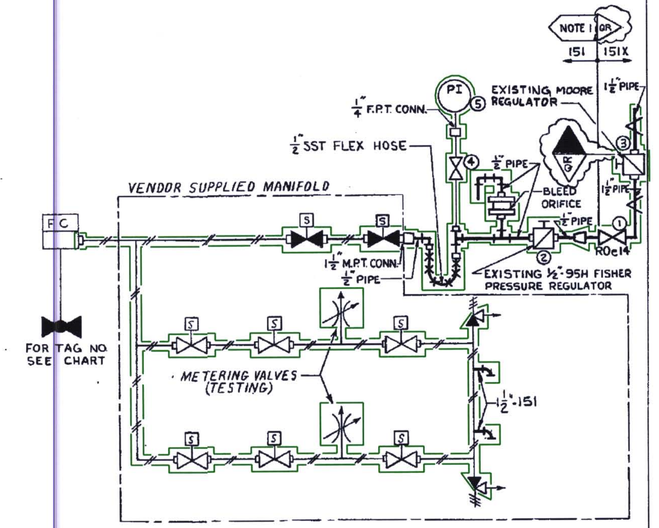

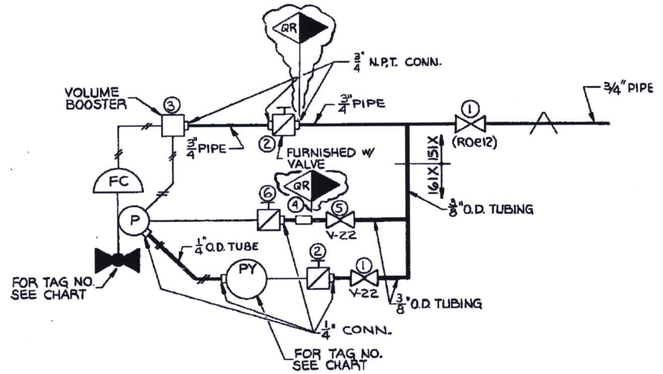

REFERENCE:-
PIPE LINE SPEC. 151X. } PIPE SPEC. SP-337-4461-00
TUBE LINE SPEC. 161X. }
TUBE FITTINGS B/M RKF5.
TUBE B/M RKF4.
VALVE B/M RKF96
114E072, SHEET 2 REACTOR COOLANT SYSTEM FLOW DIAGRAM.

NOTES:
1. PIPING & TUBING CONTROLLED BY THIS FLAG IS TO MEET ALL REQUIREMENTS EXCEPT FOR STAMPING OF ASME SECTION III, CLASS 3 & IS SPECIFICALLY INCLUDED IN THE SCOPE OF SP-544-0444G1-000. NOTE THAT SCREWED CONNECTIONS ARE ACCEPTABLE.

REFERENCES:-
PIPE LINE SPEC. 151X (PIPE SPEC. SP-337-4461-00)
D-302-011 MAIN STEAM (NUCLEAR) FLOW DIAGRAM
PIPE LINE SPEC 151 (PIPE SPEC SP-545-0444G1-000)

DETAIL "A"

TAG NUMBER	B/M NO.	AIR SUPPLY DRAWING	MANUFACTURER DWG. NO.	① I.D. NUMBER	② I.D. NUMBER	③ I.D. NUMBER
XVM-2801A-MS	RNN-1	B-816-061	IMS-25-189	XVM2801A-AVI-MS	XVM2801A-PRI-MS	XVM2801A-PR2-MS
XVM-2801B-MS	RNN-1	B-816-061	IMS-25-189	XVM2801B-AVI-MS	XVM2801B-PRI-MS	XVM2801B-PR2-MS
XVM-2801C-MS	RNN-1	B-816-062	IMS-25-189	XVM2801C-AVI-MS	XVM2801C-PRI-MS	XVM2801C-PR2-MS

TAG NUMBER	④ I.D NUMBER	⑤ I.D. NUMBER
XVM-2801A-MS	IPI-2198A-HR-MS	IPI-2198A-MS
XVM-2801B-MS	IPI-2198B-HR-MS	IPI-2198B-MS
XVM-2801C-MS	IPI-2198C-HR-MS	IPI-2198C-MS

DETAIL "B"

① I.D.NUMBER	② I.D.NUMBER	③ I.D.NUMBER	TAG NUMBER	AIR SUPPLY DRAWING	④ I.D.NUMBER	⑤ I.D.NUMBER	⑥ I.D.NUMBER
PCV-444G-AVI-RC	PCV-444C-PRI-RC	PCV-444C-TK1-RC	PCV-444G-RC	B-816-083	PCV-444C-FL1-RC	PCV-444C-AV2-RC	PCV-444C-PR2-RC
IPY-444C-AVI-RC	IPY-444C-PRI-RC	———	PY-444C	B-816-083	———	———	———
PCV-444D-AVI-RC	PCV-444D-PRI-RC	PCV-444D-TK1-RC	PCV-444D-RC	B-816-083	PCV-444D-FL1-RC	PCV-444D-AV2-RC	PCV-444D-PR2-RC
IPY-444D-AVI-RC	IPY-444D-PRI-RC	———	PY-444D	B-816-083	———	———	———

D-419

HOLD
USE WITH REFERENCE TO
ECR NO 50013
DATE 05-06-96
INITIALS GY

PLEX Drawing TR00160-006

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

REV	DESCRIPTION	MADE	CHKD	SQ LDR	APP	DATE
6	REVISED PER CG44-15250	MK	MP			
5	REVISED PER MRF-20433 & MCN: I&J	MP	VK			
4	DELETED EXHAUST METERING VLVS PER MRF-20445	VK	HEV	PJS		
3	REVISED PER MRF-10202	RMZ	PJS	PJS		
2	ADDED AIR REGULATOR AS INDICATED PER ECN-2289. REVISED AS BUILT PER ECN-2472	AAL	DMB	PJS		
1	REVISED AS INDICATED PER ECN# 7948	DB	MW	PJS		

DATE	RELEASED FOR	ENGR.
10-12-77	CONSTRUCTION	WEW
	PRELIMINARY NOT FOR CONSTRUCTION	
	BIDDING PURPOSES	

DRAFTING: MADE PH 9-8-77; CHECKED PJM 10-12-77
ENGINEERING INTERFACES: 1. 2. 3.
SQ LDR: PJS 10-12-77
ENGINEER APPROVAL: WEW Eidman 0422 DEPT. 10/14/77 DATE
SCALE: NONE
W.O. 044461-000

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION UNIT #1
I & C INSTRUMENT DETAILS
CONTROL AIR SIGNAL TUBING DIAGRAM
Gilbert Commonwealth Companies — GILBERT ASSOCIATES, INC. ENGINEERS AND CONSULTANTS READING, PA
DRAWING NUMBER: 04 4461 B-817-047 | SH. NO. | REV: 6

1/4"=1'-0" (0' 5' 10' 15' 20')

CONTROL AIR SIGNAL TUBING DIAGRAM

* GAI 2014-6