SYSTEM DATA					
⟨#⟩	CFM	PSIG	°F	BY	REMARKS
1	0.5	3	90	DJK	
2	100	3	90	DJK	
3	600	3	90	DJK	
4					

CONTAINMENT ISOLATION PHASE A (TRAIN A) — (A) (3 PLCS)

CONTAINMENT ISOLATION PHASE A (TRAIN B) — (B) (3 PLCS)

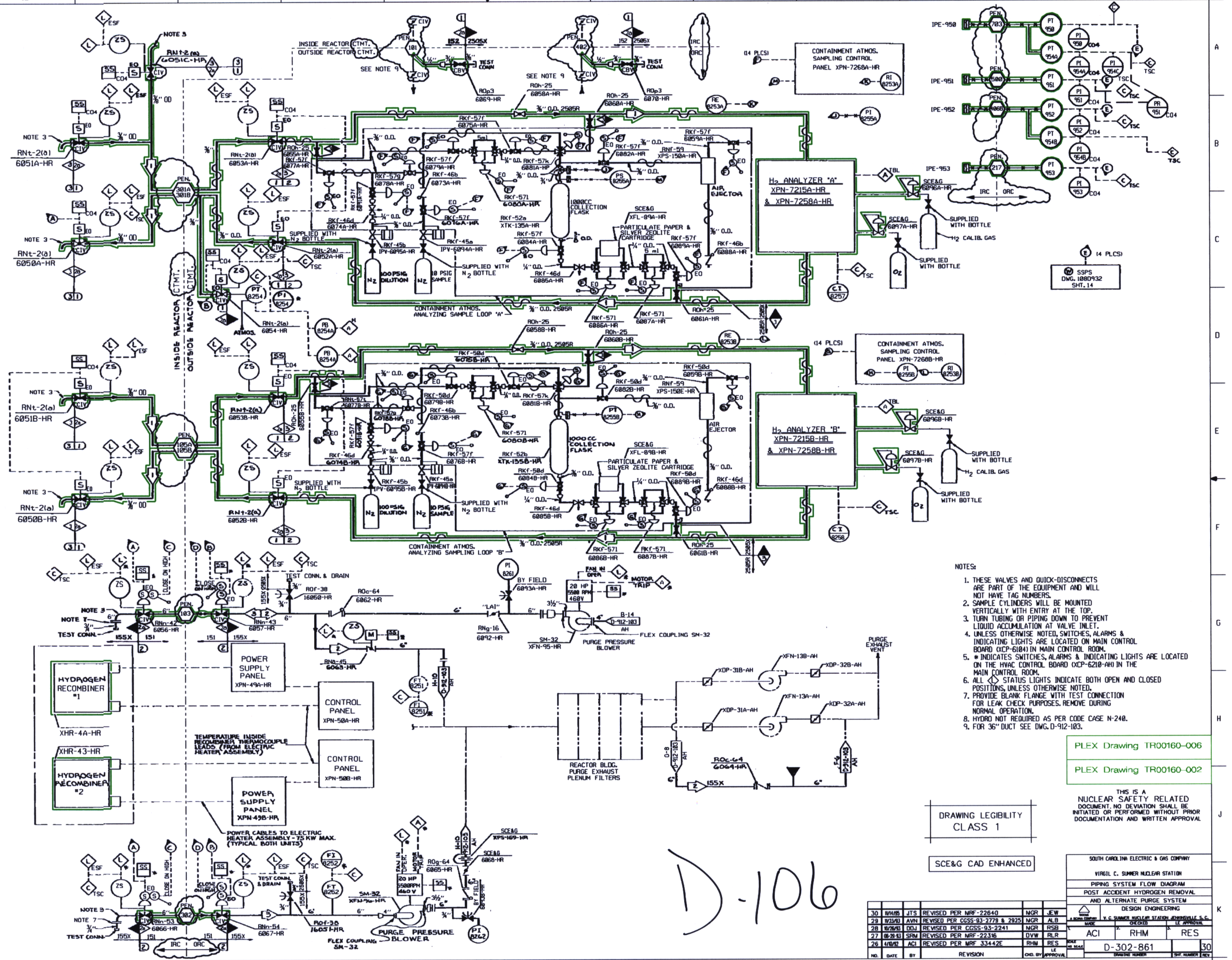
PURGE EXHAUST RADIATION RM-A4 — (C) (3 PLCS)

CONTAINMENT RADIATION RM-A2 — (D) (2 PLCS)

SAFETY CLASS VERIFICATION	
ORIGINATED BY	[signature]
REVIEWED BY	[signature] 11/15/77

VALVE NUMBERING		
SYS. SUFFIX	FIRST NO	LAST NO
HR	6050	6097
HR	16050	16051

NEXT NO USED (P)



HYDROTEST TEMP. 40°F MIN									
5									
4									
3	ATM	120	66	283	<1%	NOTE 8		PLL	
2	ATM	120	66	190	<1%	85		PLL	
1	ATM.	120	66	283	<1%	85		PLL	
(P)	PSIG	°F	PSIG	°F	DURATION	HYDRO	CHKD	BY	REMARKS
	NORMAL		UPSET						

DESIGN DATA

NOTES:

1. THESE VALVES AND QUICK-DISCONNECTS ARE PART OF THE EQUIPMENT AND WILL NOT HAVE TAG NUMBERS.
2. SAMPLE CYLINDERS WILL BE MOUNTED VERTICALLY WITH ENTRY AT THE TOP.
3. TURN TUBING OR PIPING DOWN TO PREVENT LIQUID ACCUMULATION AT VALVE INLET.
4. UNLESS OTHERWISE NOTED, SWITCHES, ALARMS & INDICATING LIGHTS ARE LOCATED ON MAIN CONTROL BOARD (XCP-6104) IN MAIN CONTROL ROOM.
5. * INDICATES SWITCHES, ALARMS & INDICATING LIGHTS ARE LOCATED ON THE HVAC CONTROL BOARD (XCP-6210-AH) IN THE MAIN CONTROL ROOM.
6. ALL ◇L STATUS LIGHTS INDICATE BOTH OPEN AND CLOSED POSITIONS, UNLESS OTHERWISE NOTED.
7. PROVIDE BLANK FLANGE WITH TEST CONNECTION FOR LEAK CHECK PURPOSES. REMOVE DURING NORMAL OPERATION.
8. HYDRO NOT REQUIRED AS PER CODE CASE N-240.
9. FOR 36" DUCT SEE DWG. D-912-103.

PLEX Drawing TR00160-006

PLEX Drawing TR00160-002

DRAWING LEGIBILITY CLASS 1

SCE&G CAD ENHANCED

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

D-106

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
30	11/14/95	JTS	REVISED PER MRF-22640	NGR	JEW
29	11/23/93	AVN	REVISED PER CGSS-93-2779 & 2925	NGR	ALB
28	10/26/93	DDJ	REVISED PER CGSS-93-2241	NGR	RSB
27	06-29-93	SRM	REVISED PER MRF-22316	DVW	RLR
26	4/10/92	ACI	REVISED PER MRF 33442E	RHM	RES

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

POST ACCIDENT HYDROGEN REMOVAL AND ALTERNATE PURGE SYSTEM

DESIGN ENGINEERING — V. C. SUMMER NUCLEAR STATION JENKINSVILLE S. C.

MADE	CHECKED	LE APPROVAL
ACI	RHM	RES

SCALE	DRAWING NUMBER	SHT. NUMBER	REV
NO SCALE	D-302-861		30