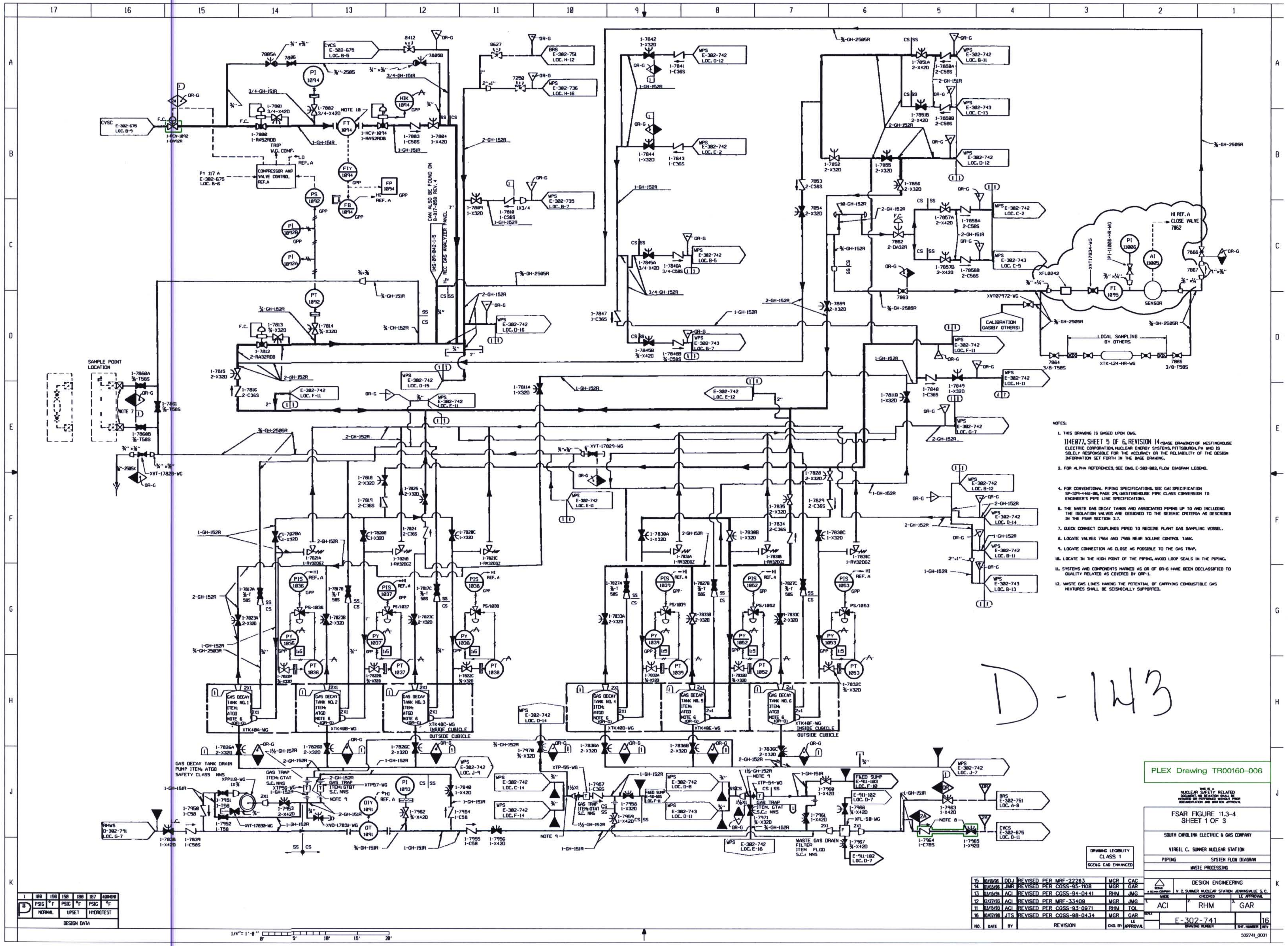

NOTES:

1. THIS DRAWING IS BASED UPON DWG.
114E077, SHEET 5 OF 6, REVISION 14 (BASE DRAWING) OF WESTINGHOUSE ELECTRIC CORPORATION, NUCLEAR ENERGY SYSTEMS, PITTSBURGH, PA WHO IS SOLELY RESPONSIBLE FOR THE ACCURACY OR THE RELIABILITY OF THE DESIGN INFORMATION SET FORTH IN THE BASE DRAWING.

2. FOR ALPHA REFERENCES, SEE DWG. E-302-002, FLOW DIAGRAM LEGEND.

4. FOR CONVENTIONAL PIPING SPECIFICATIONS, SEE GAI SPECIFICATION SP-329-4461-00, PAGE 29, (WESTINGHOUSE PIPE CLASS CONVERSION TO ENGINEER'S PIPE LINE SPECIFICATION).

6. THE WASTE GAS DECAY TANKS AND ASSOCIATED PIPING UP TO AND INCLUDING THE ISOLATION VALVES ARE DESIGNED TO THE SEISMIC CRITERIA AS DESCRIBED IN THE FSAR SECTION 3.7.

7. QUICK CONNECT COUPLINGS PIPED TO RECEIVE PLANT GAS SAMPLING VESSEL.

8. LOCATE VALVES 7964 AND 7965 NEAR VOLUME CONTROL TANK.

9. LOCATE CONNECTION AS CLOSE AS POSSIBLE TO THE GAS TRAP.

10. LOCATE IN THE HIGH POINT OF THE PIPING, AVOID LOOP SEALS IN THE PIPING.

11. SYSTEMS AND COMPONENTS MARKED AS QR OF QR-G HAVE BEEN DECLASSIFIED TO QUALITY RELATED AS COVERED BY QRP-1.

12. WASTE GAS LINES HAVING THE POTENTIAL OF CARRYING COMBUSTIBLE GAS MIXTURES SHALL BE SEISMICALLY SUPPORTED.

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PLEX Drawing TR00160-006

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

FSAR FIGURE 11.3-4
SHEET 1 OF 3

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMNER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

WASTE PROCESSING

DRAWING LEGIBILITY
CLASS 1
SCE&G CAD ENHANCED

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
15	10/18/96	DDJ	REVISED PER MRF-22263	MGR	CAC
14	01/03/96	JMR	REVISED PER CGSS-95-1108	MGR	GAR
13	03/15/94	ACI	REVISED PER CGSS-94-0441	RHM	JMG
12	12/27/93	ACI	REVISED PER MRF-33409	MGR	JMG
11	03/15/93	ACI	REVISED PER CGSS-93-0971	RHM	TQL
16	10/07/98	JTS	REVISED PER CGSS-98-0434	MGR	GAR

SCE&G A SCANA COMPANY
DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION JENKINSVILLE S. C.

MADE	CHECKED	LE APPROVAL
1. ACI	2. RHM	3. GAR

SCALE	DRAWING NUMBER	SHT. NUMBER	REV
	E-302-741		16

302741_0001

1	100	150	150	180	187	400MINI
P#	PSIG	°F	PSIG	°F	PSIG	°F
	NORMAL		UPSET		HYDROTEST	
DESIGN DATA						

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