

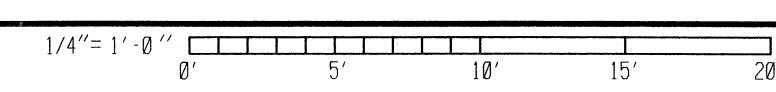
- NOTES:
1. THIS DRAWING IS BASED UPON DWG. 114E075, SHEET 2 OF 3, REVISION 10A (BASE DRAWING) OF WESTINGHOUSE ELECTRIC CORPORATION, NUCLEAR ENERGY SYSTEMS, PITTSBURGH, PA. WHO IS SOLELY RESPONSIBLE FOR THE ACCURACY OR THE RELIABILITY OF THE DESIGN INFORMATION SET FORTH IN THE BASE DRAWING.
 2. FOR ALPHA REFERENCES, SEE DWG. E-302-002, FLOW DIAGRAM LEGEND.
 3. SPOOL PIECE TO BE REPLACED WITH BLANK FLANGES, EXCEPT DURING ACCUMULATOR DRAINING.
 4. FOR CONVENTIONAL PIPING SPECIFICATIONS, SEE GAI SPECIFICATION SP-329-4461-00, PAGE 29, (WESTINGHOUSE PIPE CLASS CONVERSION TO ENGINEER'S PIPE LINE SPECIFICATION).
 5. A 3/4" FLOW RESTRICTION IS REQUIRED AS NOTED ON LEGEND.
 6. FLANGE HAS BEEN DRILLED AND TAPPED TO ACCEPT A 3/4" COMPRESSION FITTING TO FACILITATE LLRT WORK. THE FITTING SHOULD BE CAPPED AT OTHER TIMES.

SI	SI-10001	SI-10004
SI	SI-1	SI-87
SYSTEM SUFFIX	FIRST NO.	LAST NO.

VALVE NUMBERING

2	660	120	700	120	875	350MM
1	660	120	2405	120	3107	350MM
	PSIG	F	PSIG	F	PSIG	F
	NORMAL	UPSET	HYDROTEST			

DESIGN DATA



ESSENTIAL

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

FSAR Figure 6.3-1, SH. 2

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMNER NUCLEAR STATION
SYSTEM FLOW DIAGRAM
SAFETY INJECTION

DRAWING LEGIBILITY CLASS 1		SCS&G CAD ENHANCED	
11	10/97	AVN	REVISED PER CQSS-97-0579
10	07/95	AVN	REVISED PER MRF-27840
9	1/94	AVN	REVISED BORDER PER CQSS-94-1890
14	6/91	RM	REVISED PER ECR-71578
13	4/20/00	JTS	CADD ENHANCED PER ECR-50238
12	1/97/00	AVN	REVISED PER NCR-05-2217
NO.	DATE	BY	REVISION

E-302-692