PLAN

SCALE: 1/4"=1'-0"

NOTES:-

1. FOR PIPE MATERIAL SHOWN ON THIS DRAWING, REFER TO WESTINGHOUSE SPECIFICATIONS 678048, 673188 & 678304 AND LINE SPEC. 350R.
2. FOR INSULATION, REFER TO SPECIFICATION SP-456-644681-000
3. PIPING TO BE ANS SAFETY CLASSIFICATION 1, EXCEPT AS NOTED.
4. NO ALLOWANCE MADE FOR WELD CAPS. - FOR MAIN LOOP WELD END DETAILS, SEE WESTINGHOUSE DRAWINGS AA-42332, 42333, 42828, 42834, 43898, 43928 & 43934. FOR 14" SURGE LINE SEE WESTINGHOUSE 685,873898 .
5. ALL ATTACHMENTS WELDED TO ALLOY PIPE SHALL BE SAME MATERIAL AS PIPE.
6. CONTRACTOR TO BE SURE INSTRUMENTS, VALVES AND ALL APPENDAGES' CUTAR INSULATION REQUIREMENTS AT TIME OF INSTALLATION AND ARE READILY ACCESSIBLE AND REMOVABLE.
7. ALL CONNECTING FIELD RUN PIPE LINES TO BE SUFFICIENTLY FLEXIBLE TO HAVE NO RESTRAINING EFFECT ON FREE THERMAL MOVEMENT OF MAIN PIPE LINE.

DRAWING REFERENCES:

E-304-602	REACTOR COOLANT MAIN LOOP SECTIONS & DETAILS
1144272	SHEETS 1 & 2 WESTINGHOUSE REACTOR COOLANT SYSTEM FLOW DIAGRAM
E-302-601	REACTOR COOLANT - FLOW DIAGRAM
E-302-602	REACTOR COOLANT - FLOW DIAGRAM
E-302-603	REACTOR COOLANT - FLOW DIAGRAM
E-302-604	REACTOR COOLANT - FLOW DIAGRAM
E-302-605	REACTOR COOLANT - FLOW DIAGRAM

KEY PLAN

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

FSAR Figure 6.2-69

SOUTH CAROLINA ELECTRIC & GAS COMPANY

V.C. SUMMER NUCLEAR STATION

PIPING SYSTEMS

REACTOR COOLANT MAIN LOOP PLAN

DESIGN ENGINEERING

V.C. SUMMER NUCLEAR STATION, JENKINSVILLE, S.C.

DRAWN	DATE	CHECKED	DATE	I&C APPROVAL	DATE
DDJ	9/20/00	MGR	9/20/00	DDJ	9/20/00

NO.	DATE	BY	REVISION	CHKD. BY	I&C APPROVAL
9	9/20/00	DDJ	REVISED PER ECR-78828	MGR	DDJ

SCALE: 1/4"=1'-0" | DRAWING NUMBER: E-304-601 | REV. NUMBER: 9