



- NOTES:
- THIS DRAWING IS BASED UPON DWG. 114E072, SHEET 3 OF 3, REVISION 12 (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.
  - FOR ALPHA REFERENCES, SEE DWG. E-302-002, FLOW DIAGRAM LEGEND.
  - TEMPERATURE ELEMENTS AND TRANSMITTERS THAT PROVIDE INPUT TO THE PLANT COMPUTER.
  - FOR CONVENTIONAL PIPING SPECIFICATIONS, SEE GAI SPECIFICATION SP-329-4461-00, PAGE 29, (WESTINGHOUSE PIPE CLASS CONVERSION TO ENGINEER'S PIPE LINE SPECIFICATION).
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  - ALL THERMOWELL CONNECTIONS SHALL HAVE REMOVABLE INSULATION.
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  - LOCAL STATION PROVIDED OUTSIDE CONTAINMENT FOR MONITORING PUMP VIBRATION.
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  - DUAL ELEMENT RTD; ONE ACTIVE & ONE SPARE.
  - FOR LOCK ROTOR TRIP SEE DRAWING 208-002, SHEET RC18.

**ESSENTIAL**

NUCLEAR SAFETY RELATED

FSAR Figure 5.1-1 SH. 3A

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRNOL C. SUMNER NUCLEAR STATION

PIPING SYSTEM FLOW DIAGRAM

REACTOR COOLANT

DRAWING LEGIBILITY CLASS 1		SCENG CAD ENHANCED	
DESIGN ENGINEERING			
SYB	JMR	REVISED PER ECR-50683	MGR
G	SYB/JMR	CADD ENHANCED PER ECR-50239	MGR
S	VJB/JMR	REVISED PER CGSS-97-0569	LEK

E-302-603

