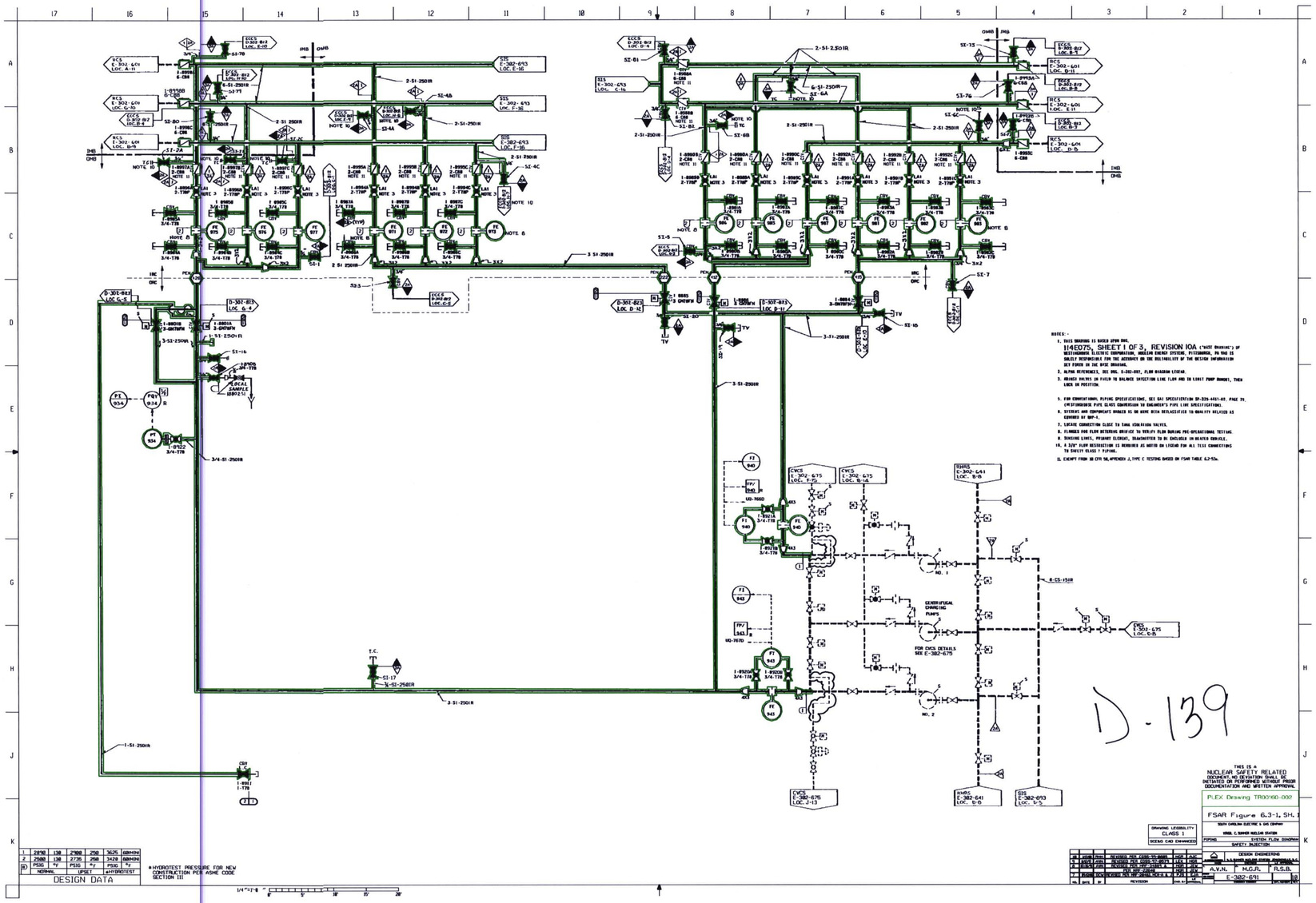
NOTES:-
1. THIS DRAWING IS BASED UPON DWG. 114E075, SHEET 1 OF 3, REVISION 10A ("BASE DRAWING") OF WESTINGHOUSE ELECTRIC CORPORATION, NUCLEAR ENERGY SYSTEMS, PITTSBURGH, PA AND IS SOLELY RESPONSIBLE FOR THE ACCURACY OR THE RELIABILITY OF THE DESIGN INFORMATION SET FORTH IN THE BASE DRAWING.
2. ALPHA REFERENCES, SEE DWG. E-302-693, FLOW DIAGRAM LEGEND.
3. MANUAL VALVES IN PLACE TO BALANCE INJECTION LINE FLOW AND TO LIMIT PUMP RUNOUT, THEN LOCK IN POSITION.
5. FOR CONVENIENCE, PIPING SPECIFICATIONS, SEE SAS SPECIFICATION SP-326-4451-00, PAGE 79, (WESTINGHOUSE PIPE CLASS CONVERSION TO SARGENT'S PIPE LINE SPECIFICATIONS).
6. SYSTEMS AND COMPONENTS DESIGNED TO BE ACME BUTA RELOCATED TO GRADE ARE RELOCATED AS CONTAINED BY BMP-1.
7. LOCATE CONNECTION CLOSE TO LONG STANDARD VALVES.
8. FLANGES FOR FLOW DETECTING ORIFICE TO VERIFY FLOW DURING PRE-OPERATIONAL TESTING.
9. SAMPLING LINES, PRIMARY SECONDARY, DISCONNECTED TO BE INCLUDED IN SEPARATE BOOKLET.
10. A 3/8" FLOW RESTRICTION IS REQUIRED AS NOTED ON LISTED FOR ALL TEST CONNECTIONS TO SAFETY CLASS 7 PIPING.
11. EXCEPT FROM 30 CFR 50, APPENDIX J, TYPE C TESTING BASED ON FSAR TABLE 6.2-53a.
CENTRIFUGAL CHARGING PUMPS
FOR CVCS DETAILS SEE E-302-675
D-139
THIS IS A NUCLEAR SAFETY RELATED DOCUMENT. NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL.
PLEX Drawing TR00160-002
FSAR Figure 6.3-1, SH. 1
SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
PIPING SYSTEM FLOW DIAGRAM
SAFETY INJECTION
DESIGN ENGINEERING
A.V.N. M.G.R. R.S.B.
E-302-691
DRAWING LEGIBILITY CLASS 1
SCENS CAD ENHANCED
DESIGN DATA
HYDROTEST PRESSURE FOR NEW CONSTRUCTION PER ASME CODE SECTION III
1/4"=1'-0"