NOTES:
1. FOR INSTRUMENT CHANNEL COMPONENTS SEE DWG. B-23866-413-100.
2. ALL "M" SERIES INTERCONNECTING DWG. NUMBERS ARE GH0&R 11405-M-XXX.
3. DIRECT OPERATING SOLENOID VALVES.
4. AIR CYLINDER OPERATED VALVE.
5. PENETRATIONS M-22, M-86 AND M-89 ARE CONTINUED ON E-23866-210 130, SH.2
6. PENETRATION M-17 IS CONTINUED ON E-23866-210-130, SH. 2A

- PORTIONS OF SYSTEM WITHIN LICENSE RENEWAL SCOPE ARE BOUNDED BY LR FLAGS.
- UNLESS OTHERWISE INDICATED, VENTS, DRAINS AND TEST CONNECTIONS THAT ARE WITHIN LICENSE RENEWAL BOUNDARIES ARE INCLUDED IN LR SCOPE TO THE DISCHARGE OF THE VALVE.
- ALL INSTRUMENTATION LINES NORMALLY OPEN TO THE PROCESS SYSTEM, THROUGH AND INCLUDING THE INSTRUMENT, ARE INCLUDED IN LR SCOPE.
- IN GENERAL, LR FLAGS ARE NOT SHOWN FOR VENTS, DRAINS, TEST CONNECTIONS OR INSTRUMENT LINES EXCEPT FOR CONTAINMENT PENETRATIONS.
- THE LICENSE RENEWAL BOUNDARY INCLUDES THE PIPING AND SUPPORTS UP TO THE FIRST SEISMIC SUPPORT PAST THE BLUE BOUNDARY FLAG.

OUTSIDE CONTAINMENT

SAFETY INJECTION AND REFUELING WATER TANK SI-5

SHUTDOWN COOLING HEAT EXCHANGERS

CONTAINMENT SPRAY PUMPS
(DETAIL "A"-THIS SHEET)

LOW PRESSURE SAFETY INJECTION PUMPS
(SEE DETAIL "B"-THIS SHEET)

DETAIL "A"
PUMP SI-3A,SI-3B & SI-3C

DETAIL "B"
PUMP SI-1A & SI-1B

FORT CALHOUN STATION

EA-FC-00-126 DF 1201

SAFETY INJECTION AND CONTAINMENT SPRAY SYSTEM FLOW DIAGRAM P & ID

DWG. E-23866-210-130, SH. 1

REV.SH. 1689 | FILE 10479 | ARVD 9/9/99 | REV 80

FOR INFORMATION ONLY

NOTE: THIS PRINT IS TO BE USED FOR THE FCS LICENSE RENEWAL PROJECT ONLY. IT MAY NOT REFLECT THE MOST CURRENT REVISION OF THIS DRAWING.