



- NOTES:
- FOR PIPING & INSTRUMENT SYMBOLS, SEE DRAWINGS 9A310F00001 & 9A310F00002.
 - ALL LINES ON THIS P&ID ARE 3/8 IN. O.D. X 0.065 IN. WALL THICKNESS, ASME SA 213 GRADE 316 TUBING, UNLESS NOTED.
 - REFER TO COMSIP DELPHIDWG NO 062921, V.P. NO 6041-01003-CD FOR SYSTEM INTERFACE.
 - ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR CM.
 - UNLESS OTHERWISE NOTED, UNIT 1 IS SHOWN ON THIS P&ID.
 - THE ISOLATION VALVES SHALL BE INSTALLED AS CLOSE TO THE PANEL AS IS PHYSICALLY POSSIBLE.
 - DELETED
 - THE SAMPLE POINTS SHALL BE LOCATED SUCH THAT DIRECT CONTAINMENT SPRAY WILL NOT ENTER OR BE ENTRAINED IN THE SAMPLE TUBING AT THE SAMPLE LOCATION.
 - EACH SAMPLE PANEL WILL HAVE ONE ALARM IN THE MAIN CONTROL ROOM THAT WILL BE ACTUATED TO INDICATE SYSTEM MALFUNCTION.
 - THE HYDROGEN ANALYZER SAMPLE PANELS (ZLP153 & ZLP 154) ARE EXCLUDED FROM ASME B & PV CODE SECTION III.
 - INSTALL BUG SCREEN (USING 3/8" O.D. TUBE X 1/4" FNPT S.S. FEMALE CONN PER 4Z519ZS1019 TO METAL BUG SCREEN, 1/4" MNPT PER 9Z529ZS1034) ON ALL OPEN ENDED TUBING SAMPLE POINTS AND RETURN POINTS.
 - CALIBRATION GAS TUBING AND REAGENT GAS TUBING TO BE FIELD ROUTED FROM GAS BOTTLE LOCATIONS AND IS EXCLUDED FROM ASME B & PV CODE SECTION 3. GAS BOTTLES ARE BY OTHERS.

LICENSE RENEWAL NOTE:
 1. ALL COMPONENTS IN THE CLOSED PANEL ARE CM SYSTEM COMPONENTS AND ARE WITHIN THE SCOPE OF LICENSE RENEWAL.

2048

LR BOUNDARY DRAWING NO.	REV.
LR-STP-CM-5Z169Z00046*1	08

<p>14 8/8/00 REVISED PER CR 00-11098-16 0-13 5/15/87 ISSUED FOR CONSTRUCTION</p>										<p>KS VJM BL N/A N/A SIGNATURES ON FILE</p>										<p>STO</p>										<p>SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY</p>										<p>PIPING AND INSTRUMENTATION DIAGRAM CONTAINMENT HYDROGEN MONITORING SYSTEM</p>									
<p>NO. ISSUE DATE REVISION</p>										<p>ORIG CKR RE DV SE</p>										<p>NO. ISSUE DATE REVISION</p>										<p>ORIG CKR RE DV SE</p>										<p>PRIORITY CADD FILE NO. FSUG. NO. STL. NO. SCALE DWG. NO. SHT. REV.</p>									
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