



FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS
REFER TO DRAWINGS P&ID - LRLEGEND 1 AND P&ID - LRLEGEND 2

LR NOTES:

1. THIS PORTION OF THE SAMPLE SYSTEM IS NOT IN SCOPE BECAUSE THE INTERNAL ENVIRONMENT IS AIR/GAS.
2. PIPING IS IN SCOPE FOR CRITERION 10K3 FIRE PROTECTION.
3. PIPING HAS INTERNAL ENVIRONMENT OF AIR/GAS THEREFORE IS NOT IN SCOPE FOR LICENSE RENEWAL.
4. THE TRANSITION TO TUBING DOES NOT NEED AN EQUIVALENT ANCHOR TO ISOLATE THE CLASS BREAK AT VALVE SS-V-57. REFERENCE CALCULATIONS ARE MCD 565.80-CALC, MCD 10248-CALC AND MCD 503.20-CALC.

COMPONENTS SUBJECT TO AMR

RED INDICATES COMPONENTS IN SCOPE PER 10CFR 54.41(a)(1) AND/OR 10K3 AND SUBJECT TO AMR PER 10CFR 54.21.
BLACK INDICATES COMPONENTS NOT SUBJECT TO AMR.
GREEN INDICATES COMPONENTS IN SCOPE PER 10CFR 54.41(a)(2) AND SUBJECT TO AMR PER 10CFR 54.21.

PIPE ANCHOR



INDICATES SYSTEM BOUNDARY INTERFACE
SS - SAMPLE SYSTEM
DM - DEMINERALIZED WATER SYSTEM
CS - CHEMICAL & VOLUME CONTROL SYSTEM

NOTES:

1. WORK THIS DRAWING WITH DRAWING 20516, 20518, 20520 THRU 20522.
2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX "SS" UNLESS OTHERWISE NOTED.
3. ALL TUBING 3/8" T AND MAT'L 2508 UNLESS OTHERWISE NOTED.
4. DELETED
5. DELETED
6. THESE REDUCERS ARE TO BE AS CLOSE AS POSSIBLE TO ROOT VALVE.
7. * THIS VALVE TO BE REACH ROD OPERATED FROM THE SAMPLE RM SIDE OF THE SAMPLE RM ROOM - SAMPLE WALL.
8. THIS EQUIPMENT HAS 1/4" TUBING CONNECTORS.
9. Δ INDICATES REVISION LEVEL.
10. DELETED.
11. ○ CONTINUATION CONNECTION SEE PP-74882.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
1					ORIGINAL ISSUE
SAMPLE SYSTEM PRIMARY SAMPLE PANEL CP-166A LICENSE RENEWAL P&ID PID-1-SS-LR20519					