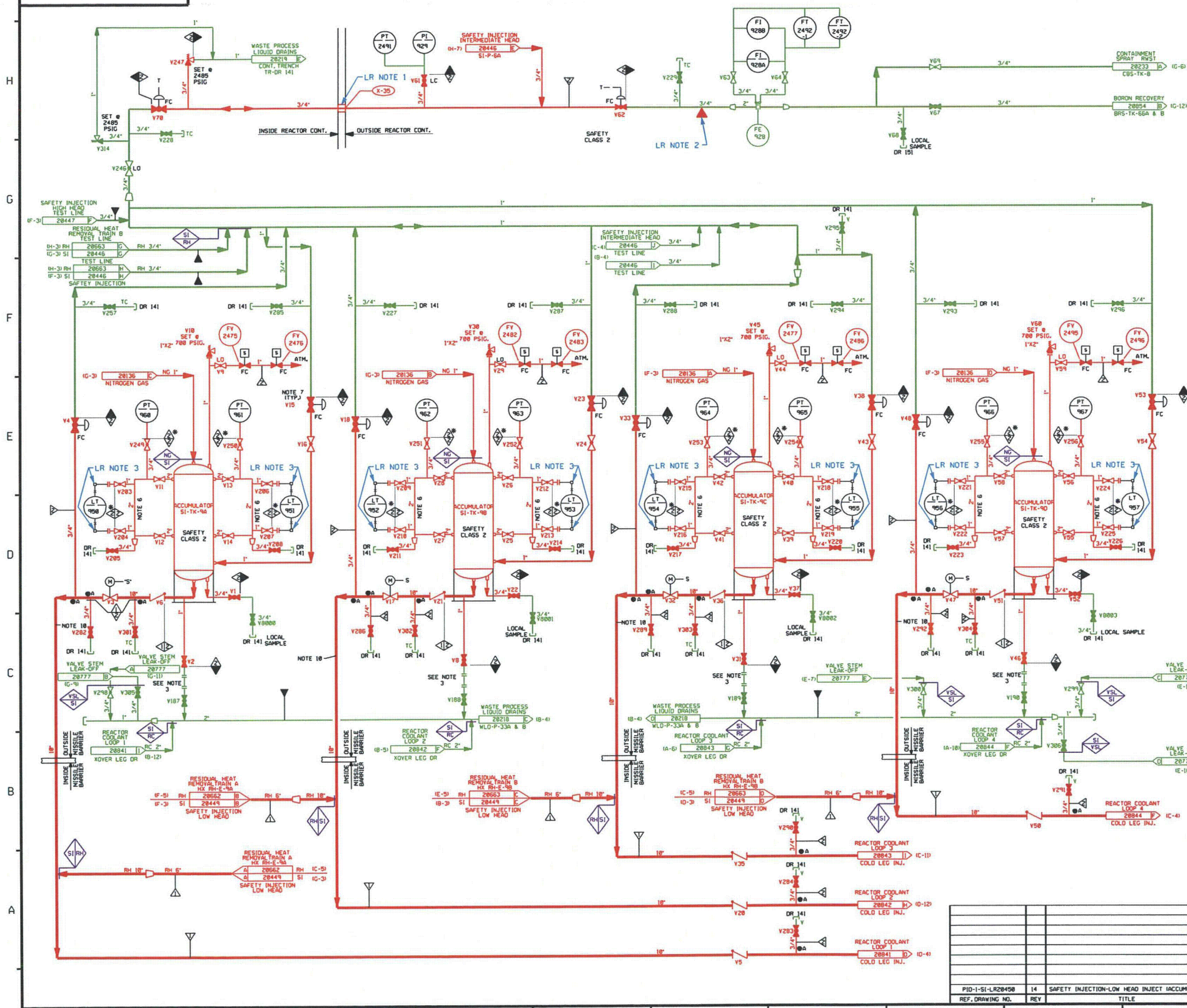


PID-1-SI-LR20450



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

- LR NOTES:
- COMPONENT DESIGNATED AS X-35 IS A CONTAINMENT PENETRATION THAT IS EVALUATED UNDER THE CIVIL STRUCTURAL SYSTEM LRSP-CNT.
 - PIPE SUPPORT EQUIVALENT ANCHOR
ISO NO.: 800248-10248
HANGER NOS.: 248-SG-1, 248-RG-4, 248-SG-2 & 248-RG-3A
CALC NO.: MCD 10248-CALC
 - CAPILLARY TUBING IS PART OF THE INSTRUMENT AND CONSIDERED AN ACTIVE COMPONENT PER NEI 95-10.

COMPONENTS SUBJECT TO AMR
RED INDICATES COMPONENTS IN SCOPE PER 10CFR 54.4(a)(1) AND/OR 101.3 AND SUBJECT TO AMR PER 10CFR 54.21.
BLACK INDICATES COMPONENTS NOT SUBJECT TO AMR.
GREEN INDICATES COMPONENTS IN SCOPE PER 10CFR 54.4(a)(2) AND SUBJECT TO AMR PER 10CFR 54.21.

- ▲ PIPE ANCHOR
◆ INDICATES SYSTEM BOUNDARY INTERFACE
SI - SAFETY INJECTION SYSTEM
NG - NITROGEN GAS SYSTEM
RC - REACTOR COOLANT SYSTEM
RH - RESIDUAL HEAT REMOVAL SYSTEM
VSL - VALVE STEM LEAK OFF SYSTEM

- NOTES:
- ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTS HAVE SYSTEM PREFIX SI, UNLESS NOTED OTHERWISE.
 - WORK THIS DRAWING WITH DRAWINGS 20445 THRU 20449.
 - ACCUMULATOR DRAIN TO BE PROVIDED WITH BLIND FLANGE, SPOOL PIECE TO BE INSTALLED ONLY WHEN ACCUMULATOR IS TO BE DRAINED.
 - DELETED
 - DELETED
 - 66" MINIMUM STANDPIPE TO BE PROVIDED BY A/E WITH MARK INDICATING NORMAL WATER LEVEL AS DEFINED IN THE PLANT SETPOINT DOCUMENT. LEVEL TRANSMITTER TAPS ARE LOCATED 8 INCHES ABOVE AND BELOW THE SCRIBE MARK.
 - DELETED
 - 8" INDICATES 3/8" FLOW RESTRICTOR INSTALLED. SEE APPLICABLE DETAIL ON DWG RC-20848.
 - DELETED
 - PIPING SCHEDULE 140 MUST BE ADHERED TO DUE TO SAFETY ANALYSIS FLOW REQUIREMENTS.
 - DELETED
 - DELETED
 - △ INDICATES REVISION LEVEL
 - VENT, DRAIN & TEST CONN. CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-MHT-005111 UNLESS NOTED OTHERWISE.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	CHKO	CE	DESCRIPTION
0					ORIGINAL ISSUE
1					
2					
3					
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12					

SAFETY INJECTION SYSTEM
LOW HEAD INJECTION (ACCUMULATORS)
DETAIL
LICENSE RENEWAL P&ID
PID-1-SI-LR20450

PID-1-SI-LR20450
REF. DRAWING NO. 14
REV. 1
TITLE SAFETY INJECTION-LOW HEAD INJECT (ACCUMULATORS)