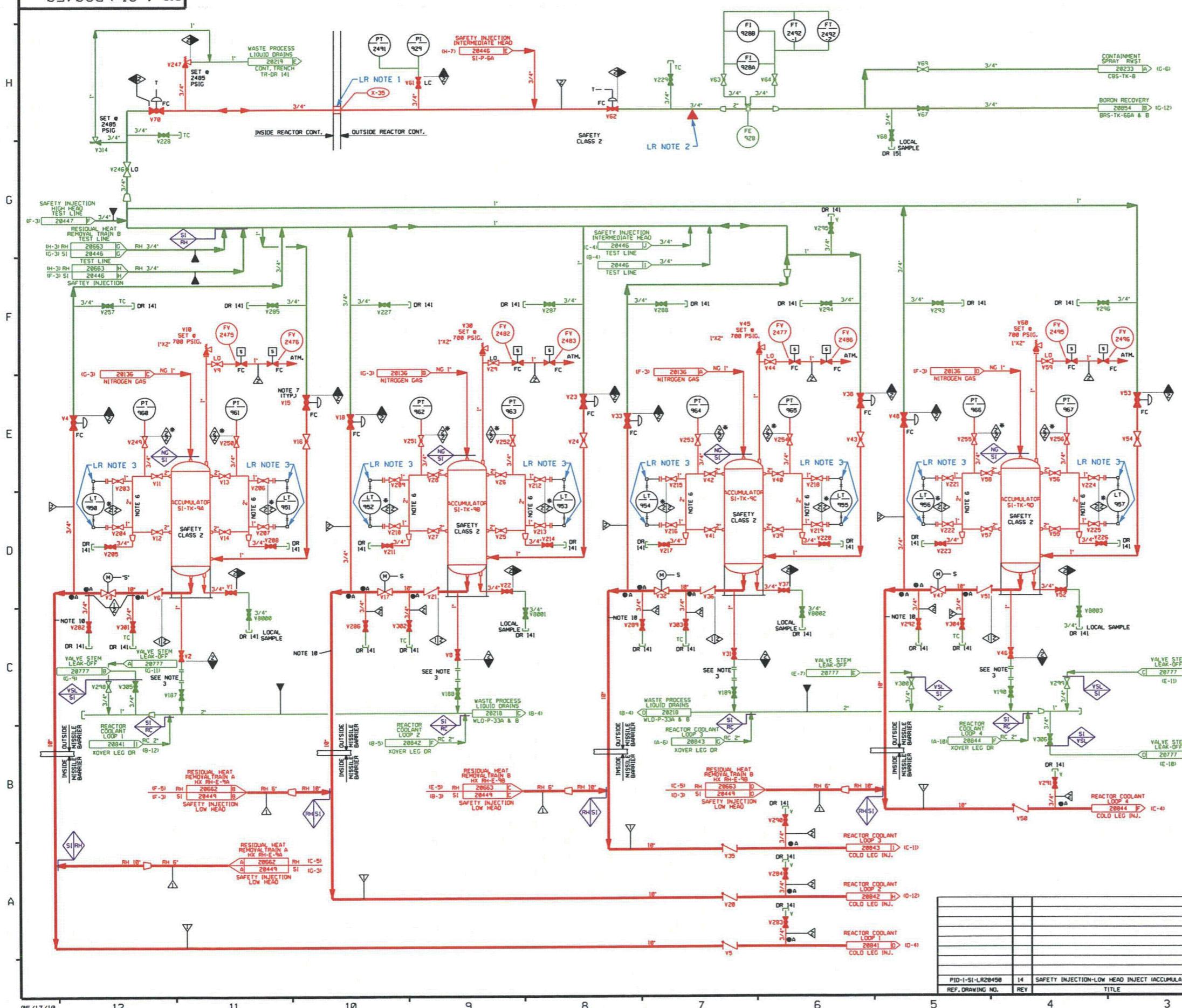


PID-1-SI-LR20450

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 LRSPEC-CNT.
- PIPE SUPPORT EQUIVALENT ANCHOR  
ISO NO.: 800248-I0248  
HANGER NOS.: 248-SG-1, 248-RG-4, 248-SG-2 & 248-RG-3A  
CALC NO.: MCD I0248-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(e)(1)  
AND/OR (e)(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(e)(2)  
AND SUBJECT TO AMR PER 10CFR 54.21.

## ▲ PIPE ANCHOR

xxxxx 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 28445 THRU 28444.
- ACCUMULATOR DRAIN TO BE PROVIDED WITH BLIND FLANGE, SPOUL PIECE TO BE INSTALLED ONLY WHEN ACCUMULATOR IS TO BE DRAINED.
- DELETED
- DELETED
- 6.67 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.
7. DELETED
8. @A INDICATES 3/8" FLOW RESTRICTOR INSTALLED. SEE APPLICABLE DETAIL ON DRG RC-28848.
9. DELETED
10. PIPING SCHEDULE 140 MUST BE ADHERED TO DUE TO SAFETY ANALYSIS FLOW REQUIREMENTS.
11. DELETED
12. DELETED
13. △ INDICATES REVISION LEVEL
14. YENT, DRAIN & TEST CONN/CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-085111 UNLESS NOTED OTHERWISE.

PORTIONS OF THIS DRAWING ARE  
**NUCLEAR SAFETY RELATED**

REV	DATE	DSGN	CHKD	CE	ORIGINAL ISSUE
NEXTera ENERGY SEABROOK					
					SAFETY INJECTION SYSTEM LOW HEAD INJECTION (ACCUMULATORS) DETAIL LICENSE RENEWAL P&ID
PID-1-SI-LR20450	REF. DRAWING NO.	REV	TITLE		