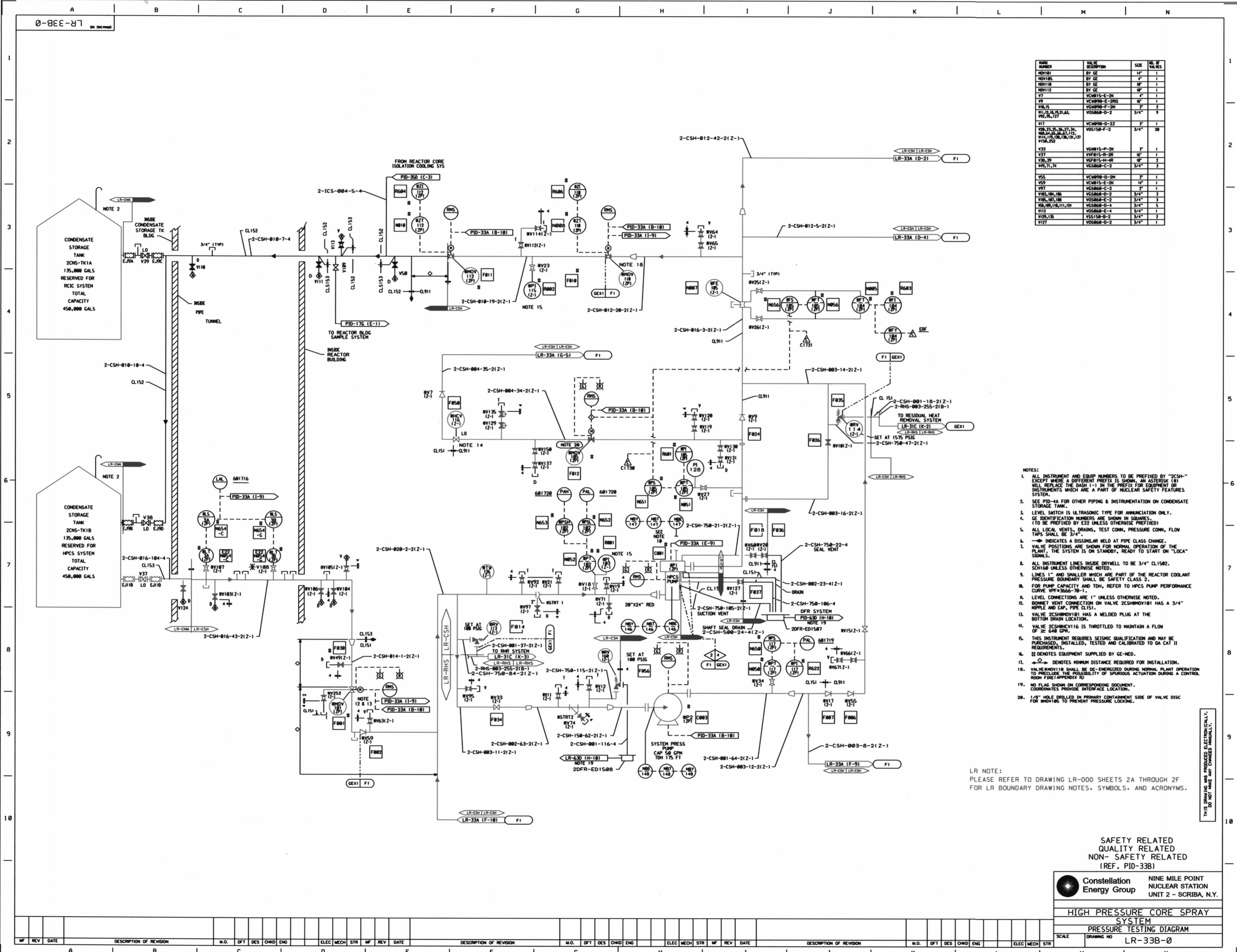


DISS

0-8EE-R7 ON SHEET



NAME	VALVE DESCRIPTION	SIZE	NO. OF VALVES
RV111	BY GE	1 1/2"	1
RV112	BY GE	1 1/2"	1
RV113	BY GE	1 1/2"	1
RV114	BY GE	1 1/2"	1
RV115	BY GE	1 1/2"	1
RV116	BY GE	1 1/2"	1
RV117	BY GE	1 1/2"	1
RV118	BY GE	1 1/2"	1
RV119	BY GE	1 1/2"	1
RV120	BY GE	1 1/2"	1
RV121	BY GE	1 1/2"	1
RV122	BY GE	1 1/2"	1
RV123	BY GE	1 1/2"	1
RV124	BY GE	1 1/2"	1
RV125	BY GE	1 1/2"	1
RV126	BY GE	1 1/2"	1
RV127	BY GE	1 1/2"	1
RV128	BY GE	1 1/2"	1
RV129	BY GE	1 1/2"	1
RV130	BY GE	1 1/2"	1
RV131	BY GE	1 1/2"	1
RV132	BY GE	1 1/2"	1
RV133	BY GE	1 1/2"	1
RV134	BY GE	1 1/2"	1
RV135	BY GE	1 1/2"	1
RV136	BY GE	1 1/2"	1
RV137	BY GE	1 1/2"	1
RV138	BY GE	1 1/2"	1
RV139	BY GE	1 1/2"	1
RV140	BY GE	1 1/2"	1
RV141	BY GE	1 1/2"	1
RV142	BY GE	1 1/2"	1
RV143	BY GE	1 1/2"	1
RV144	BY GE	1 1/2"	1
RV145	BY GE	1 1/2"	1
RV146	BY GE	1 1/2"	1
RV147	BY GE	1 1/2"	1
RV148	BY GE	1 1/2"	1
RV149	BY GE	1 1/2"	1
RV150	BY GE	1 1/2"	1
RV151	BY GE	1 1/2"	1
RV152	BY GE	1 1/2"	1
RV153	BY GE	1 1/2"	1
RV154	BY GE	1 1/2"	1
RV155	BY GE	1 1/2"	1
RV156	BY GE	1 1/2"	1
RV157	BY GE	1 1/2"	1
RV158	BY GE	1 1/2"	1
RV159	BY GE	1 1/2"	1
RV160	BY GE	1 1/2"	1
RV161	BY GE	1 1/2"	1
RV162	BY GE	1 1/2"	1
RV163	BY GE	1 1/2"	1
RV164	BY GE	1 1/2"	1
RV165	BY GE	1 1/2"	1
RV166	BY GE	1 1/2"	1
RV167	BY GE	1 1/2"	1
RV168	BY GE	1 1/2"	1
RV169	BY GE	1 1/2"	1
RV170	BY GE	1 1/2"	1
RV171	BY GE	1 1/2"	1
RV172	BY GE	1 1/2"	1
RV173	BY GE	1 1/2"	1
RV174	BY GE	1 1/2"	1
RV175	BY GE	1 1/2"	1
RV176	BY GE	1 1/2"	1
RV177	BY GE	1 1/2"	1
RV178	BY GE	1 1/2"	1
RV179	BY GE	1 1/2"	1
RV180	BY GE	1 1/2"	1
RV181	BY GE	1 1/2"	1
RV182	BY GE	1 1/2"	1
RV183	BY GE	1 1/2"	1
RV184	BY GE	1 1/2"	1
RV185	BY GE	1 1/2"	1
RV186	BY GE	1 1/2"	1
RV187	BY GE	1 1/2"	1
RV188	BY GE	1 1/2"	1
RV189	BY GE	1 1/2"	1
RV190	BY GE	1 1/2"	1
RV191	BY GE	1 1/2"	1
RV192	BY GE	1 1/2"	1
RV193	BY GE	1 1/2"	1
RV194	BY GE	1 1/2"	1
RV195	BY GE	1 1/2"	1
RV196	BY GE	1 1/2"	1
RV197	BY GE	1 1/2"	1
RV198	BY GE	1 1/2"	1
RV199	BY GE	1 1/2"	1
RV200	BY GE	1 1/2"	1

- NOTES:
1. ALL INSTRUMENT AND EQUIP NUMBERS TO BE PREFIXED BY "2CSH-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE A PART OF NUCLEAR SAFETY FEATURES SYSTEM.
 2. SEE PID-4A FOR OTHER PIPING & INSTRUMENTATION ON CONDENSATE STORAGE TANK.
 3. LEVEL SWITCH IS ULTRASONIC TYPE FOR ANNUNCIATION ONLY.
 4. GE IDENTIFICATION NUMBERS ARE SHOWN IN SQUARES (TO BE PREFIXED BY E22 UNLESS OTHERWISE PREFIXED).
 5. ALL LOCAL VENTS, DRAINS, TEST CONN., PRESSURE CONN., FLOW TAPS SHALL BE 3/4".
 6. → INDICATES A DISSIMILAR WELD AT PIPE CLASS CHANGE.
 7. VALVE POSITIONS ARE SHOWN FOR NORMAL OPERATION OF THE PLANT. THE SYSTEM IS ON STANDBY, READY TO START ON "LOCAL" SIGNALS.
 8. ALL INSTRUMENT LINES INSIDE DRYWELL TO BE 3/4" CL1502, SCH50 UNLESS OTHERWISE NOTED.
 9. LINES 1" AND SMALLER WHICH ARE PART OF THE REACTOR COOLANT PRESSURE BOUNDARY SHALL BE SAFETY CLASS 2.
 10. FOR PUMP CAPACITY AND TDH, REFER TO HPCS PUMP PERFORMANCE CURVE WPF-3660-70-1.
 11. LEVEL CONNECTIONS ARE 1" UNLESS OTHERWISE NOTED.
 12. BONNET VENT CONNECTION ON VALVE 2CSH00118 HAS A 3/4" HOOPLE AND CAP, PIPE CL151.
 13. VALVE 2CSH00118 HAS A WELDED PLUG AT THE BOTTOM DRAIN LOCATION.
 14. VALVE 2CSH00116 IS THROTTLED TO MAINTAIN A FLOW OF ≥ 648 GPM.
 15. THIS INSTRUMENT REQUIRES SEISMIC QUALIFICATION AND MAY BE PURCHASED, INSTALLED, TESTED AND CALIBRATED TO QA CAT II REQUIREMENTS.
 16. # DENOTES EQUIPMENT SUPPLIED BY GE-NED.
 17. → DENOTES MINIMUM DISTANCE REQUIRED FOR INSTALLATION.
 18. VALVE RV0118 SHALL BE DE-ENERGIZED DURING NORMAL PLANT OPERATION TO PRECLUDE THE POSSIBILITY OF SPURIOUS ACTIVATION DURING A CONTROL ROOM FIRE (APPENDIX F).
 19. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATE PROVIDE INTERFERENCE LOCATION.
 20. 1/8" HOLE DRILLED IN PRIMARY CONTAINMENT SIDE OF VALVE DISC FOR RV0118 TO PREVENT PRESSURE LOCKING.

LR NOTE:
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED
(REF. PID-33B)

Constellation Energy Group
NINE MILE POINT
NUCLEAR STATION
UNIT 2 - SCRIBA, N.Y.

HIGH PRESSURE CORE SPRAY
SYSTEM
PRESSURE TESTING DIAGRAM

SCALE: DRAWING NO. LR-33B-0

DISS