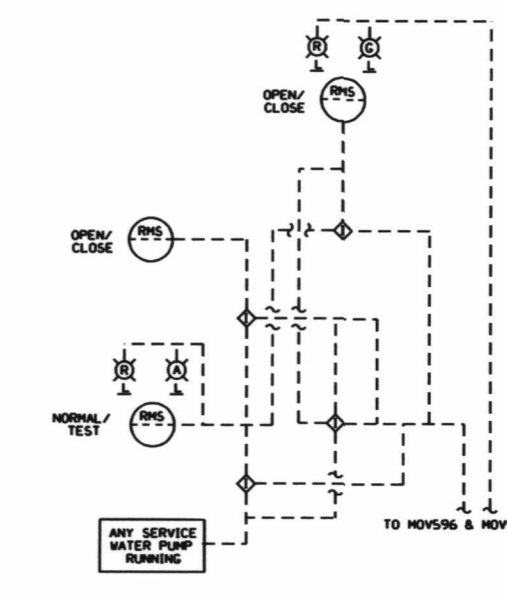
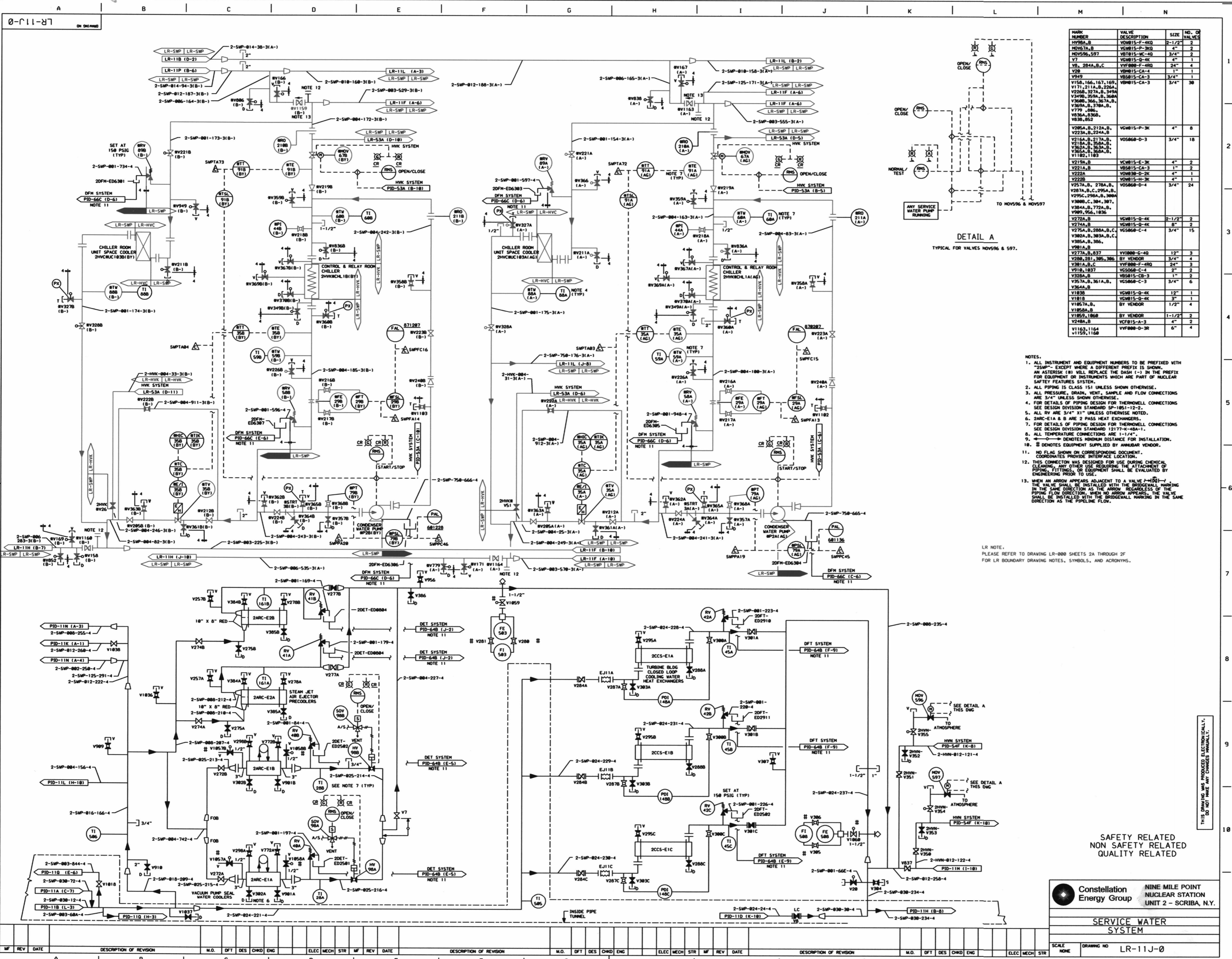


0217



MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
NOV98A,B	V08015-F-450	2-1/2"	2
NOV98A,B	V08015-P-300	4"	2
NOV98A,B	V08015-KC-450	3/4"	2
V7	V08015-45-45	4"	1
V8, 204A,B,C	V08008-F-450	24"	4
V20	V08015-CA-4	3/4"	1
V597	V08015-CA-3	3/4"	1
V158, 166, 167, 169, V171, 211A,B, 226A, V226B, 227A,B, 249A, V349B, 359A,B, 360A, V360A,B, 367A,B, V369A,B, 378A,B, V378A,B, V384, 836A, V384, 852	V08015-CA-3	3/4"	30
V080A,B, 217A,B, V223A,B, 224A,B, V216A,B, 217A,B, V218A,B, 219A,B, V220A,B, 221A,B, V1182, 1183	V08015-P-3K	4"	8
V219A,B	V08015-C-3K	4"	2
V221A,B	V08015-D-2K	4"	1
V222A	V08015-H-3K	4"	1
V222B	V08015-D-4	3/4"	24
V257A,B, 278A,B, V287A,B, 295A,B, V295C, 296A,B, 300A, V300A,C, 304, 307, V384A,B, 772A,B, V909, 956, 1036	V08015-D-4K	2-1/2"	2
V272A,B	V08015-D-4K	3/4"	15
V275A,B, 280A,B, C, V362A,B, 363A,B, C, V364A,B, 366	V08015-C-4K	2-1/2"	2
V981A,B	V08015-C-4K	12"	3
V280, 281, 305, 306	BY VENDOR	3/4"	4
V381A,B,C	V08008-F-450	24"	3
V918, 1037	V08008-C-4	2"	2
V980A,B	V08015-C-3	1"	2
V357A,B, 361A,B, V364A,B	V08008-C-3	3/4"	6
V1857A,B, V1858A,B	BY VENDOR	1-1/2"	4
V1810	V08015-D-4K	3"	1
V1857A,B, V1858A,B	BY VENDOR	1-1/2"	2
V248A,B	V08015-A-3	4"	2
V1163, 1164, V1159, 1168	V08008-D-3R	6"	4

- NOTES:
- ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2-SMP" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
 - ALL PIPING IS CLASS 151 UNLESS SHOWN OTHERWISE.
 - ALL PRESSURE, DRAIN, VENT, SAMPLE AND FLOW CONNECTIONS ARE 3/4" UNLESS SHOWN OTHERWISE.
 - FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS SEE DESIGN DIVISION STANDARD SP-105-112-2.
 - ALL RV ARE 3/4" X1" UNLESS OTHERWISE NOTED.
 - 2ARC-E1A & B ARE 2 PASS HEAT EXCHANGERS.
 - FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS SEE DESIGN DIVISION STANDARD 12177-K-48A-1.
 - ALL TEMPERATURE CONNECTIONS ARE 1-1/4".
 - #—#—# DENOTES MINIMUM DISTANCE FOR INSTALLATION.
 - # DENOTES EQUIPMENT SUPPLIED BY ANNUBAR VENDOR.
 - NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
 - THIS CONNECTION WAS DESIGNED FOR USE DURING CHEMICAL CLEANING. ANY OTHER USE REQUIRING THE ATTACHMENT OF PIPING, FITTINGS, OR EQUIPMENT SHALL BE EVALUATED BY ENGINEERING PRIOR TO USE.
 - WHEN AN ARROW APPEARS ADJACENT TO A VALVE A-HAND-1 THE VALVE SHALL BE INSTALLED WITH THE BRIDGEWALL MARKING IN THE SAME DIRECTION AS THE ARROW REGARDLESS OF THE PIPING FLOW DIRECTION. WHEN NO ARROW APPEARS, THE VALVE SHALL BE INSTALLED WITH THE BRIDGEWALL MARKING IN THE SAME DIRECTION AS THE PIPELINE FLOW.

LR NOTE:
PLEASE REFER TO DRAWING LR-800 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

SAFETY RELATED
NON SAFETY RELATED
QUALITY RELATED

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

SERVICE WATER SYSTEM

SCALE: NONE DRAWING NO: LR-11J-0