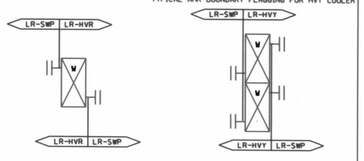
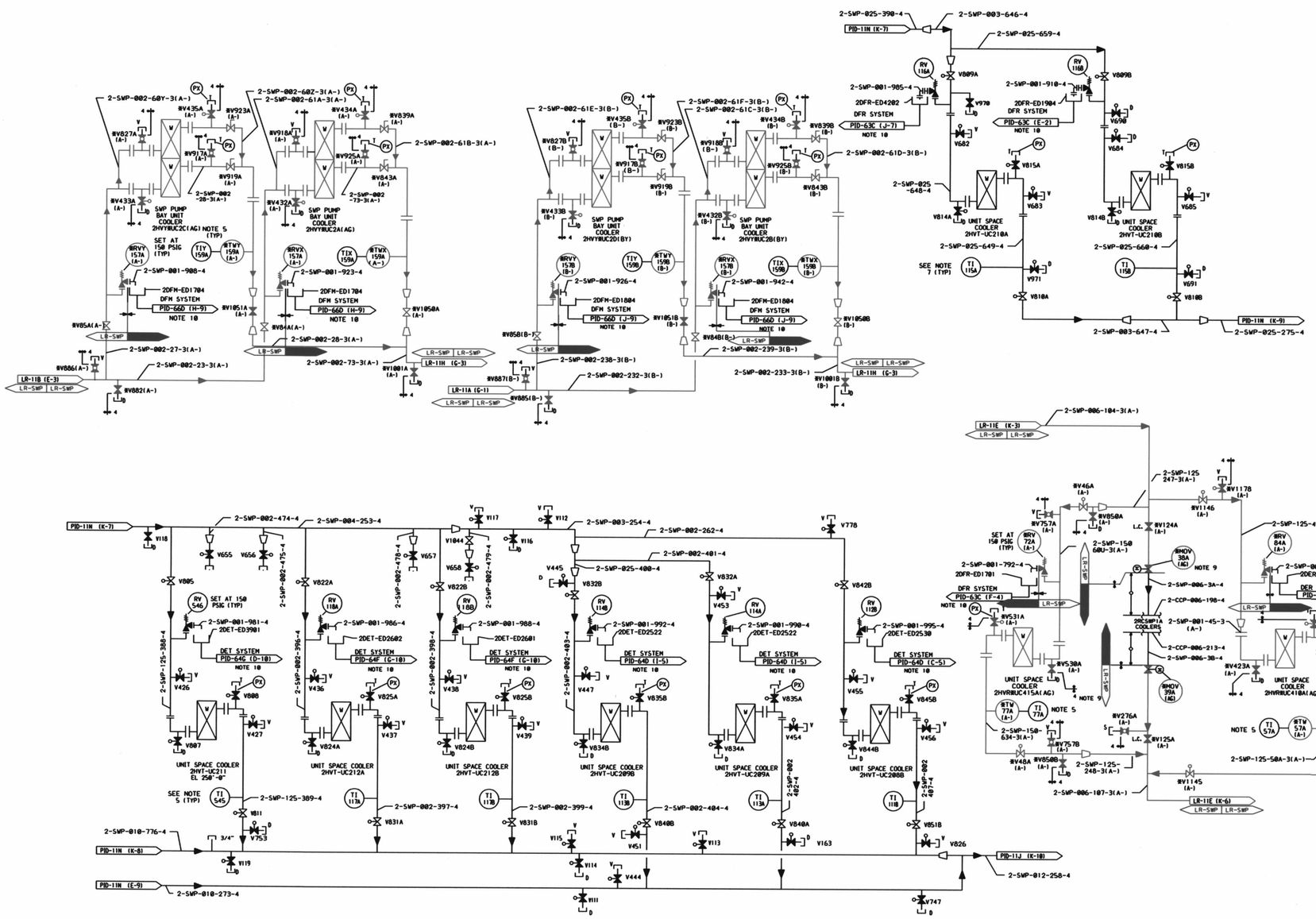
LR NOTES.
TYPICAL AMR BOUNDARY FLAGGING FOR HVR COOLER



LR NOTES.
TYPICAL AMR BOUNDARY FLAGGING FOR HVY COOLER

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

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV38A, 39A	VGW015-P-3KQ	6"	2
V46A	VBS015-CA-3	1-1/2"	1
V48A	VBS015-CB-3	1-1/2"	1
V1850A,B,1851A,B	VGS060-C-3	1-1/2"	4
V84A,B,85A,B	VGS060-C-3	2"	4
V111,112,113,114,115 V116,117,118,119,163 V426,427,436,437 V438,439,444,445 V447,451,453,454 V455,456,682,683 V684,685,690 V691,753,778 V807,808,814A,B V815A,B,824A,B V825A,B,826,834A V834B,835A,B,844B V845B,970,971,747	VBM015-CA-4	3/4"	52
V124A	VGW015-P-2K	6"	1
V125A	VGW015-P-3K	6"	1
V276A,757A,B, V827A,B,917A,B V918A,B,925A,B V686,887	VOS060-D-3	3/4"	13
V423A,424A V432A,B,433A,B V434A,B,435A,B V530A,531A V1177,V1178	VBM015-CA-3	3/4"	14
V655,656,657,658	VBM015-CA-4	1"	4
V805	VBS015-CA-4	1-1/4"	1
V811	VBS015-CB-4	1-1/4"	1
V809A,B	VBW015-CE-4K	2-1/2"	2
V810A,B	VBW015-CF-4K	2-1/2"	2
V822A,B,832A,B	VBS015-CA-4	2"	5
V842B V831A,B,840A,B V851B	VBS015-CB-4	2"	5
V839A,B,843A,B V919A,B,923A,B	VPS015-G-3A	2"	8
V684A,B,882 V685,1001A,B	VGS060-C-3	3/4"	6
V1044	VGS060-C-4	2"	1
V1145	VBS015-CB-3	1 1/4"	1
V1146	VBS015-CA-3	1 1/4"	1



NOTES.

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2SWP-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) WILL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF NUCLEAR SAFETY FEATURES SYSTEM.
2. ALL PIPING SHALL BE CLASS 151 UNLESS OTHERWISE NOTED.
3. ALL PRESSURE,VENT,DRAIN,SAMPLE AND FLOW CONNECTIONS ARE 3/4" UNLESS SHOWN OTHERWISE.
4. ALL TEMPERATURE CONNECTIONS ARE 1-1/4".
5. FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS, SEE DESIGN DIVISION STANDARD SP-1051-12-2.
6. ALL RV ARE 3/4"X1" UNLESS OTHERWISE NOTED.
7. FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS SEE DESIGN DIVISION STANDARD 12177-K-48A-1
8. ⟷ DENOTES MINIMUM POSSIBLE DISTANCE FOR INSTALLATION.
9. VALVE IS NON-FUNCTIONAL, POWER SUPPLY IS DISCONNECTED.
10. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.

NON SAFETY RELATED
QUALITY RELATED
SAFETY RELATED
(REF. SAR FIG. 9.2-1m, & ISPT-11M)

THIS DRAWING WAS PRODUCED ELECTRONICALLY. DO NOT MAKE ANY CHANGES MANUALLY.

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR

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

PIPING & INSTRUMENTATION DIAGRAM
SERVICE WATER SYSTEM

SCALE
DRAWING NO LR-11M-0

...\LR-011_m.dgn 5/14/2004 10:10:22 AM