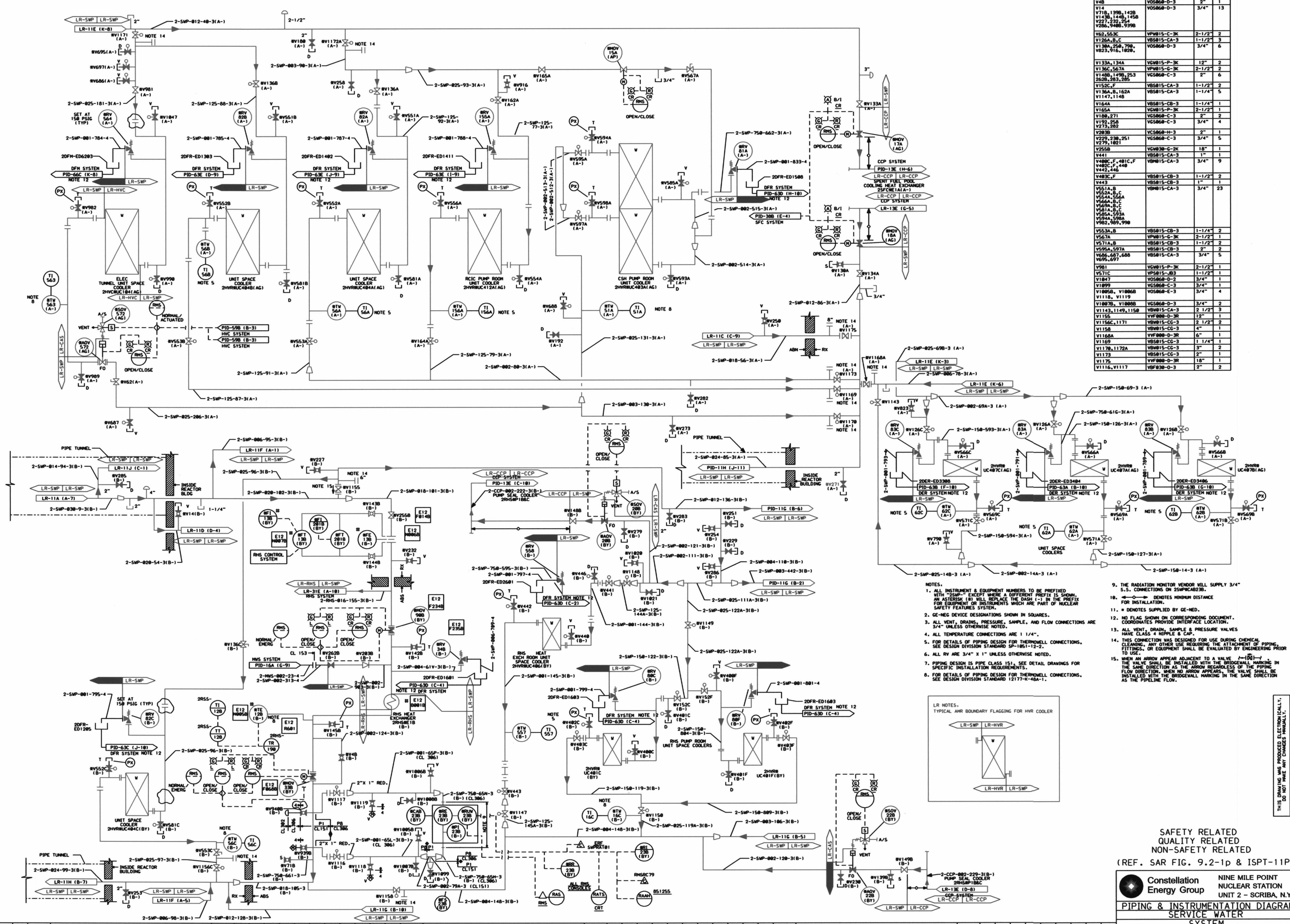
D123

LR-11P-0 DRAWING NO

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
AOV20B,22B	VPS015-G-3Q	2"	2
AOV572	VPF015-G-3RQ	2-1/2"	1
MOV15A	VGW015-P-3KQ	2-1/2"	1
MOV17A,18A	VGW015-P-3KQ	12"	2
MOV33B,90B	VVF000-F-3RQ	18"	2
V4B	VOS060-D-3	2"	1
V14 V71B,139B,142B V143B,144B,145B V227,232,254 V286,940B,939B	VOS060-D-3	3/4"	13
V62,553C	VPW015-C-3K	2-1/2"	2
V126A,B,C	VBS015-CA-3	1-1/2"	3
V130A,250,790, V823,916,1020,	VOS060-D-3	3/4"	6
V133A,134A	VGW015-P-3K	12"	2
V136C,567A	VPW015-G-3K	2-1/2"	2
V148B,149B,253 262B,283,285	VGS060-C-3	2"	6
V152C,F	VBS015-CA-3	1-1/2"	2
V136A,B,162A V1147,1148	VBS015-CA-3	1-1/4"	5
V164A	VBS015-CB-3	1-1/4"	1
V165A	VGW015-P-3K	2-1/2"	1
V180,271	VGS060-C-3	2"	2
V192,258 V273,282	VGS060-C-3	3/4"	4
V203B	VCS060-H-3	2"	1
V229,230,251 V279,1021	VGS060-C-3	3/4"	5
V255B	VGW030-G-2K	18"	1
V441	VBS015-CA-3	1"	1
V400C,F,401C,F V402C,F,440 V442,446	VBM015-CA-3	3/4"	9
V403C,F	VBS015-CB-3	1-1/2"	2
V443	VBS015-CB-3	1"	1
V551A,B V552A,B,C V554A,556A V566A,B,C V569A,B,C V581A,B,C V585A,593A V594A,598A V982,989,990	VBM015-CA-3	3/4"	23
V553A,B	VBS015-CB-3	1-1/4"	2
V567A	VPW015-G-3K	2-1/2"	1
V571A,B	VBS015-CB-3	1-1/2"	2
V595A,597A	VBS015-CB-3	2"	2
V686,687,688 V695,697	VBS015-CA-3	3/4"	5
V981	VGW015-P-3K	2-1/2"	1
V571C	VPS015-JB3	1-1/2"	1
V1047	VOS060-D-2	3/4"	1
V1099	VGS060-C-3	3/4"	1
V1005B, V1006B V1118, V1119	VOS060-E-3	3/4"	4
V1007B, V1008B	VGS060-D-3	3/4"	2
V1143,1149,1150	VBW015-CA-3	2 1/2"	3
V1155	VVF000-D-3R	12"	1
V1156C,1171	VBW015-CG-3	2 1/2"	2
V1158	VBW015-CG-3	4"	1
V1168A	VVF000-D-3R	6"	1
V1169	VBS015-CG-3	1 1/4"	1
V1170,1172A	VBW015-CG-3	3"	2
V1173	VBS015-CG-3	2"	1
V1175	VVF000-D-3R	18"	1
V1116,V1117	VBF030-0-3	2"	2

NOTES.
1. ALL INSTRUMENT & 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. GE-NEG DEVICE DESIGNATIONS SHOWN IN SQUARES.
3. ALL VENT, DRAINS, PRESSURE, SAMPLE, AND FLOW CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
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" X 1" UNLESS OTHERWISE NOTED.
7. PIPING DESIGN IS PIPE CLASS 151. SEE DETAIL DRAWINGS FOR SPECIFIC INSTALLATION REQUIREMENTS.
8. FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS, SEE DESIGN DIVISION STANDARD 12177-K-48A-1.
9. THE RADIATION MONITOR VENDOR WILL SUPPLY 3/4" S.S. CONNECTIONS ON 2SWP*CAB23B.
10. ◄—◇—► DENOTES MINIMUM DISTANCE FOR INSTALLATION.
11. # DENOTES SUPPLIED BY GE-NED.
12. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
13. ALL VENT, DRAIN, SAMPLE & PRESSURE VALVES HAVE CLASS 4 NIPPLE & CAP.
14. 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.
15. WHEN AN ARROW APPEAR ADJACENT TO A VALVE, 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 NOTES.
TYPICAL AMR BOUNDARY FLAGGING FOR HVR COOLER

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

SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED
(REF. SAR FIG. 9.2-1p & ISPT-11P)

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

PIPING & INSTRUMENTATION DIAGRAM
SERVICE WATER
SYSTEM

SCALE NONE | DRAWING NO LR-11P-0

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

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