Q21J

LR-11J-0

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV98A,B	VGW815-F-4KQ	2-1/2"	2
HOV67A,B	VGW815-P-3KQ	4"	2
HOV596,597	VBT815-WC-4Q	3/4"	2
V7	VGW815-Q-4K	4"	1
V8, 284A,B,C	VVF800-F-4RQ	24"	4
V20	VGW815-CA-4	1"	1
V949	VBS815-CA-3	3/4"	1
V158,166,167,169, V171,211A,B,226A, V226B,327A,B,349A V349B,359A,B,368A V368B,366,367A,B, V369A,B,370A,B, V779 ,886, V836A,B,836B, V838,852	VBW815-CA-3	3/4"	30
V205A,B,212A,B, V223A,B,224A,B	VGW815-P-3K	4"	8
V216A,B,217A,B, V218A,B,358A,B, V362A,B,363A,B, V365A,B,368A,B, V1102,1103	VOS868-D-3	3/4"	18
V219A,B	VGW815-E-3K	4"	2
V221A,B	VBS815-CA-3	1"	2
V222A	VGW838-D-2K	4"	1
V222B	VGW815-H-3K	4"	1
V257A,B, 278A,B, V287A,B,C,295A,B, V295C,298A,B,308A V308B,C,384,387, V384A,B,772A,B, V989,956,1036	VOS868-D-4	3/4"	24
V272A,B	VGW815-Q-4K	2-1/2"	2
V274A,B	VGW815-Q-4K	8"	2
V275A,B,288A,B,C, V302A,B,303A,B,C, V385A,B,386, V981A,B	VGS868-C-4	3/4"	15
V277A,B,837	VVT800-C-4Q	12"	3
V280,281,305,306	BY VENDOR	3/4"	4
V301A,B,C	VVF800-F-4RQ	24"	3
V918,1037	VGS868-C-4	2"	2
V328A,B	VBS815-CB-3	1"	2
V357A,B,361A,B, V364A,B	VGS868-C-3	3/4"	6
V1038	VGW815-Q-4K	12"	1
V1018	VGW815-Q-4K	3"	1
V1057A,B, V1058A,B	BY VENDOR	1/2"	4
V1059A,B	BY VENDOR	1-1/2"	2
V248A,B	VCF815-A-3	4"	2
V1163,1164 V1159,1160	VVF800-D-3R	6"	4

DETAIL A

TYPICAL FOR VALVES HOV596 & 597.

NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2SMP"- 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 SAFTEY FEATURES SYSTEM.
2. ALL PIPING IS CLASS 151 UNLESS SHOWN OTHERWISE.
3. ALL PRESSURE, DRAIN, VENT, SAMPLE AND FLOW CONNECTIONS ARE 3/4" UNLESS SHOWN OTHERWISE.
4. FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS SEE DESIGN DIVISION STANDARD SP-1051-12-2.
5. ALL RV ARE 3/4" X1" UNLESS OTHERWISE NOTED.
6. 2ARC-E1A & B ARE 2 PASS HEAT EXCHANGERS.
7. FOR DETAILS OF PIPING DESIGN FOR THERMOWELL CONNECTIONS SEE DESIGN DIVISION STANDARD 12177-K-48A-1.
8. ALL TEMPERATURE CONNECTIONS ARE 1-1/4".
9. ←○→ DENOTES MINIMUM DISTANCE FOR INSTALLATION.
10. # DENOTES EQUIPMENT SUPPLIED BY ANNUBAR VENDOR.
11. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
12. THIS CONNECTON 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.
13. WHEN AN ARROW APPEARS 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 NOTE.
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

SAFETY RELATED
NON SAFETY RELATED
QUALITY RELATED

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

Constellation Energy Group

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

SERVICE WATER SYSTEM

SCALE NONE | DRAWING NO LR-11J-0

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

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