



NAME	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V1, 2, 24, 54, 56, 57	VOM15-FC-3K3	3"	25
V54, 65, 66, 67, 187, 130	VOM15-CA-3	3/4"	25
V131, 175, 179, 190			
V212, 217, 222, 223, 245			
V248, 250, 256, 259			
V2, 3, 27, 33	VOM15-CA-3	1/2"	4
V5, 319	VOM15-CA-3	2"	2
V9, 14, 39	VOM15-CA-3	2"	3
V6, 11, 31, 99, 275, 276	VOM15-CA-4	3/4"	18
V98, 283, 289, 289			
V7, 38, 164, 165, 166, 167	VOM15-CA-3	3/4"	25
V277, 278, 292, 300, 381			
V382, 383, 384, 385, 387			
V388, 318, 311, 312, 313	VOM15-CA-3	1"	11
V915, 316, 317, 318			
V18, 13, 36, 37, 146, 158	VOM15-CA-3	1"	11
V153, 229, 238, 231, 236			
V16, 23, 48, 47	VOM15-CA-3R	6"	4
V17	VOM15-CA-2R	6"	1
V18, 26, 41, 42, 51	VOM15-CA-3	4"	5
V25, 28, 32, 35, 43, 46	VOM15-CA-3	3/4"	58
V48, 77, 78, 79, 80, 87			
V88, 98, 99, 97, 98, 100			
V135, 133, 138, 139, 140			
V141, 193, 194, 196, 199			
V286, 281, 282, 283, 286			
V287, 218, 213, 216, 219			
V295, 226, 227, 228, 234			
V295, 249, 251, 252, 278			
V273, 274			
V29, 45	VOM15-CA-3	1/2"	2
V34, 96	VOM15-CA-2	3/4"	2
V38	VOM15-CA-3	2"	1
V52, 61, 62, 71, 75, 84	VOM15-CA-3R	3"	8
V85, 94	VOM15-CA-3	3"	8
V93, 58, 63, 68, 76, 81	VOM15-CA-3R	3"	8
V86, 91			
V99, 68, 69, 78, 82, 83	VOM15-CA-3	1/2"	18
V105, 123, 124, 125	VOM15-CA-3	2"	1
V28, 239, 248, 253, 255	V256		
V181, 182	VOM15-CA-3R	6"	2
V183, 186	VOM15-CA-3R	6"	2
V126, 127, 128, 129	VOM15-CA-4	1/2"	4
V174, 176, 182, 185	VOM15-CA-3	3/4"	7
V187, 192, 289	VOM15-CA-3	1"	5
V148, 152, 386, 393, 314	VOM15-CA-4	2"	6
V154, 156, 157, 159, 161	VOM15-CA-4	2"	6
V162			
V158, 163	VOM15-CA-3	3"	2
V108, 181, 188, 191, 197	VOM15-CA-3	2"	8
V198, 284, 285			
V221, 214, 241, 242, 244			
V246, 271, 272, 281, 282			
V284, 285			
V286, 287, 290, 291	VOM15-CA-3	3/4"	4
V292	VOM15-CA-3	1"	1
V325, 326	VOM15-CA-3	3/4"	2
V327	VOM15-CA-3	1"	1

- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "2HWK-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. AN ASTERISK (*) SHALL REPLACE THE DASH (-) IN THE PREFIX FOR EQUIPMENT OR INSTRUMENTS WHICH ARE PART OF NEUTRAL SAFETY SYSTEMS.
 2. ALL PRESSURE CONNECTIONS SHALL BE 1/2" AND TEMPERATURE CONNECTIONS SHALL BE 1/4", UNLESS OTHERWISE NOTED.
 3. DRAIN LINES FROM RELIEF VALVES AND CHILLED WATER PUMP ARE CLASS 151A. ALL OTHER PIPING IS CLASS 151.
 4. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
 5. ALL 3/4" VENT, DRAIN, AND 1/2" PRESSURE CONNECTION VALVES FROM CLASS 3 LINES SHALL HAVE CODE CLASS 4 AT HIPPLE AND CAP UNLESS OTHERWISE NOTED.
 6. RELIEF VALVE 2HWKRV1 & 2 IS SAFETY RELATED/ASME SECTION VIII.
 7. PRESSURE CONTROL VALVE 2HWKPCV23A & B IS SAFETY RELATED.
 8. PRESSURE CONTROL VALVE 2HWKPCV23A & B SHAFTS PRESSURE IS LESS THAN 32 PSIG.

LR NOTE:
PLEASE REFER TO DRAWING LR-500 SHEETS 2A THROUGH 2F FOR LDR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

**SAFETY RELATED
QUALITY RELATED
NON-SAFETY RELATED
(REF. SAR FIG. 9.4-1a & ISPT-53A)**

**Constellation
Energy Group**

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

PIPING & INSTRUMENTATION DIAGRAM
CONTROL BUILDING
CHILLED WATER