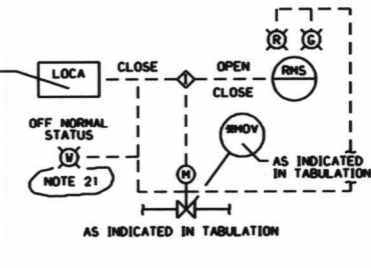


MOV NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
MOV119,120	VGN815-R-220	4"	2
MOV120,129	W0150-F-1M0	2"	2
MOV130,131	W0150-W-20	2"	2
V1,2	WPF815-LA-4R	4"	2
V3,4,6	WPF815-LA-4R	3"	3
V5,7,8,11,44, V46,57,58,121	V05868-E-4	3/4"	9
V9,12	V05868-J-4	2"	2
V10,13,62,64	VPS815-H-4	2"	4
V20,321,322	W0150-W-2	3/4"	3
V29,30	W0150-F-2	3/4"	2
V33,34,35,36,37, V43,45	VPS815-H-4	3/4"	7
V60,39,68,69,70, V71	VBS815-KA-4	1"	6
V48,41,61,63,67, V72,73,74,75,76	VBN815-CB-4	3/4"	10
V65,66	VBS815-KA-4	2"	2
V122,330	VSS868-C-4	3/4"	2
V300	WPF815-LA-2R	4"	1
V310,320	VSS868-C-2	3/4"	2
V331	VCS868-G-4	1/2"	1



TYPICAL MOTOR OPERATED VALVE (MOV) LOOP TABULATION			
AREA	LOCA	MOV	MOV
C-2	DIV II	119	
C-2	DIV I	120	
C-1	DIV II	130	
C-1	DIV I	131	

- NOTES:
- ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "20ER-" 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.
 - GE-HEC INSTRUMENT AND EQUIPMENT NUMBERS ARE SHOWN IN SQUARES AND ARE PREFIXED WITH "E31-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
 - SEE TABULATION "TYPICAL MOTOR OPERATED VALVE (MOV) LOOP TABULATION" THIS DWG (IM-0).
 - CHPTR TO GENERATE ALARM ON LOW-LOW LEVEL IN THE DRYWELL EQUIPMENT DRAIN TANK.
 -
 - ALL PIPING IS CLASS 150 UNLESS OTHERWISE NOTED.
 - EQUIPMENT DRAIN NEES PROJECT 4" ABOVE FLOOR. MBS ARE 4" DIAMETER AND OPEN TO DRYWELL ATMOSPHERE. SPY DRAIN LINE IS WELDED TO DRAINING.
 - ONE MANUAL ISOLATION SWITCH PER DIVISION.
 - ♦ DENOTES DISSIMILAR METAL WELD.
 - 4" HEADER PIPING INSIDE DWELL SHALL BE SAFETY CLASS 2, PIPE CLASS 150.
 - ALL INSTRUMENT, VENT, TEST, DRAIN AND SAMPLE CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED. LEVEL TRANSMITTER CONNS ARE 2" LEVEL SWITCH CONNS ARE 1".
 - REPRESENTS 150LB WELD NECK FLANGE CONNECTION FOR CONTAINMENT ISOLATION VALVE TESTING.
 - VALVE 20ERMOV120 SHALL BE DE-ENERGIZED DURING NORMAL PLANT OPERATION TO PRECLUDE THE POSSIBILITY OF SPURIOUS ACTIVATION DURING A CONTROL ROOM FIRE (APPENDIX R).
 - DENOTES MINIMUM DISTANCE FOR INSTALLATION.
 - 4" HEADER PIPING UP TO DRAIN COOLER INLET BY BUILDING SERVICES.
 - IS SUPPLIED BY GE-HEC.
 - NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
 - 20EC-LU101 IS A PROGRAMMABLE CONTROLLER WHICH IS COMMON TO THE DRYWELL FLOOR DRAIN SYSTEM AND THE DRYWELL EQUIPMENT DRAIN SYSTEM.
 - 20ER-F1101 INDICATES THE 24-HOUR AVERAGE EQUIPMENT LEAKAGE.
 - STRAINER ELEMENTS MAY BE INSTALLED WHEN PLANT IS NOT IN MODE #1, AND WORK IS IN PROGRESS OR PLANNED IN THE DRYWELL.
 - OFF-NORMAL STATUS DISPLAY SYSTEM IS ABANDONED IN PLACE.
 - RELIEF VALVE IS SET AT 70 PSIG AND RELIEVES TO THE SUPPRESSION POOL.

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

(REF. SAR FIG. 9.3-9f & ISPT-67A)

Constellation Energy Group
NINE MILE POINT NUCLEAR STATION UNIT 2 - SCRIBA, N.Y.
PIPING & INSTRUMENTATION DIAGRAM
DRYWELL EQUIPMENT DRAINS

SAFETY RELATED
NON-SAFETY RELATED
QUALITY RELATED

SCALE	DRAWING NO	LR-67A-0
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