12177-PID-8R-7

EXTRACTION STEAM SYSTEM VALVE TABLE
"2ESS-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV47C	VG5878-M-4Q	8"	1
MOV28C	VGV878-S-4PVQ	16"	1
V26C,289C	VG5868-C-4	3/4"	2
V27C	VG5868-E-4	2"	1

L.P. FEEDWATER HEATER DRAINS SYSTEM
VALVE TABLE "2HDL-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V61C,198C,191C, V193C,197C,197S, V199C,284C	VG5868-D-4	3/4"	8
V62C,63C,64C, V66C,66C,67C	VG5868-C-4	2"	6
V68C,69C,70C, V71C,72C,73C	VG5868-C-4	1"	6
V74C,195C,194C, V196C,198C,208C, V281C	VG5868-C-4	3/4"	7

FEEDWATER HEATER RELIEF,VENTS & DRAINS
SYSTEM VALVE TABLE "2SVH-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV36C	VG5838-C-4Q	8"	1
HV17C	VG5868-C-4Q	3/4"	1
V51C,52C,	VG5868-C-4	2"	2
V53C,54C	VG5868-D-4	3/4"	2
V55C	VG5868-D-4	1-1/2"	1

NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2ESS-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. △ CONNECTIONS ONLY PROVIDED FOR ASME TEST. INSTRUMENTS WILL NOT BE PROVIDED.
3. ALL "2ESS-" PIPING SHALL BE CLASS 303M UNLESS OTHERWISE SHOWN.
4. * INDICATES LOCATED IN RADIATION ZONE 4,5, OR 6.
5. ALL "2HDL-" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
6. ALL PIPING TO LEVEL SWITCHES IS 1", TO LEVEL TRANSMITTERS IS 2".
7. ALL VENTS AND DRAINS ARE 3/4" UNLESS OTHERWISE SHOWN.
8. SAMPLE CONNECTIONS PER S&W SKETCH 12177-A-77.
9. ALL "2SVH-" PIPING SHALL BE CLASS 301 UNLESS OTHERWISE SHOWN.
10. ALL "2SVH-" HV'S ARE FAIL CLOSED.
11. ASME PRESSURE CONNECTIONS ARE 1/2", ALL OTHER PRESSURE CONNECTIONS ARE 3/4".
12. ** DENOTES SUPPLIED BY HEATER MANUFACTURER.
13. NO FLAG SHOWN ON CORRESPONDING DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
14. —●— DENOTES DISSIMILAR METAL WELD.

SI APERTURE CARD
07-141-91
QA CAT II

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
M	7	2-19-91	INCORPORATES ECN ESS-606 MOD. NO. PN2Y86MX188 INCORPORATES NEW BORDER			TSE	RJB GAL				
	6	3-3-89	INCORPORATES EDC NO. 2M00032					UB			

SEE DRAWING MICROFILM RECORDS FOR PRIOR ISSUES

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

PIPING & INSTRUMENTATION DIAGRAM
FEEDWATER HEATERS &
EXTRACTION STEAM SYSTEMS

SCALE NONE | DRAWING NO 12177-PID-8R-7

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