DRAWING NO. 12177-PID-8P-7

EXTRACTION STEAM SYSTEM VALVE TABLE "2ESS-"

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV47A	VC5838-M-4Q	2"	1
MOV28A	VGW838-S-4PVQ	16"	1
NRV103,109	VOW838-X-4PSQ	8"	2
STV105	VGW838-A-4PQ	8"	1
V11,17,26A, V9W,209A,213	VC5868-G-4	3/4"	6
V28	VC5868-E-4	3/4"	1
V18,19	VC5868-E-4	1"	2
V24	VGW838-S-4PV	2"	1
V27A	VC5868-E-4	2"	1

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

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
V61A,198A,191A, V193A,195A,197A, V199A,224A	VC5868-D-4	3/4"	8
V62A,63A,64A, V65A,66A,67A	VC5868-C-4	2"	6
V68A,69A,78A, V71A,72A,73A	VC5868-C-4	1"	6
V74A,192A,194A, V195A,197A,200A, V201A	VC5868-C-4	3/4"	7

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

MARK NUMBER	VALVE DESCRIPTION	SIZE	NO. OF VALVES
HV36A	VC5838-C-4Q	2"	1
HV37A	VC5868-C-4Q	3/4"	1
V51A,52A,	VC5868-C-4	2"	2
V53A,54A	VC5868-D-4	3/4"	2
V55A	VC5868-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. Δ 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

MF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG	ELEC	MECH	STR
	7	2-19-91	INCORPORATES ECN ESS-606 MOD. NO. PN2186MX188 INCORPORATES NEW BORDER		TSE	RJB BAL					
	6	3-3-89	INCORPORATES EDC NO. 2M00032	CDC		JSH KAH JRM			UB	JRM	

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-8P-7

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