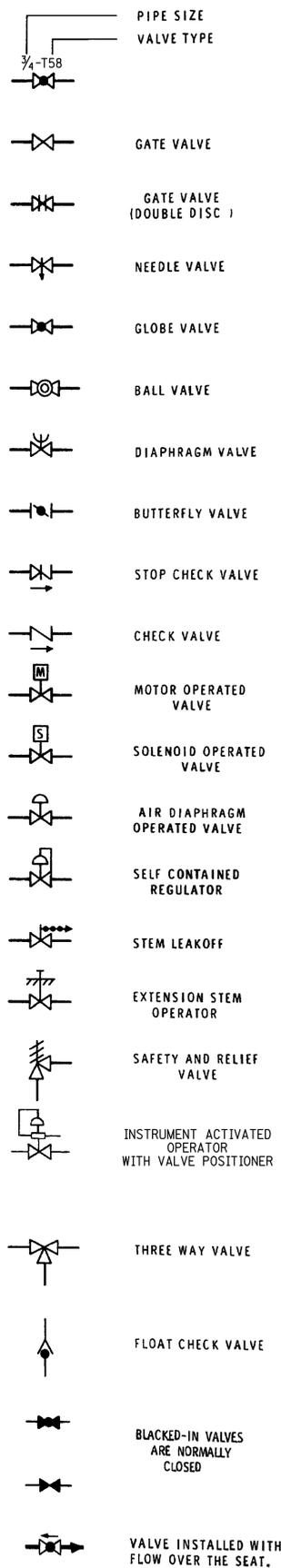
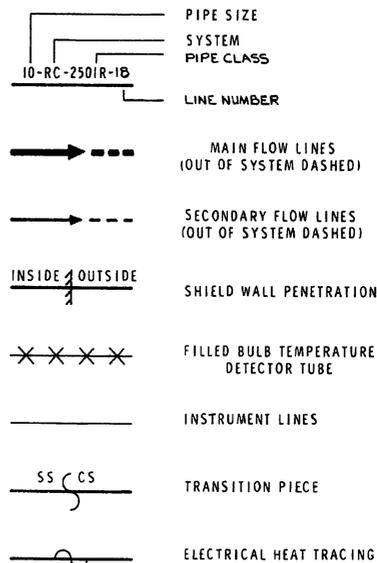


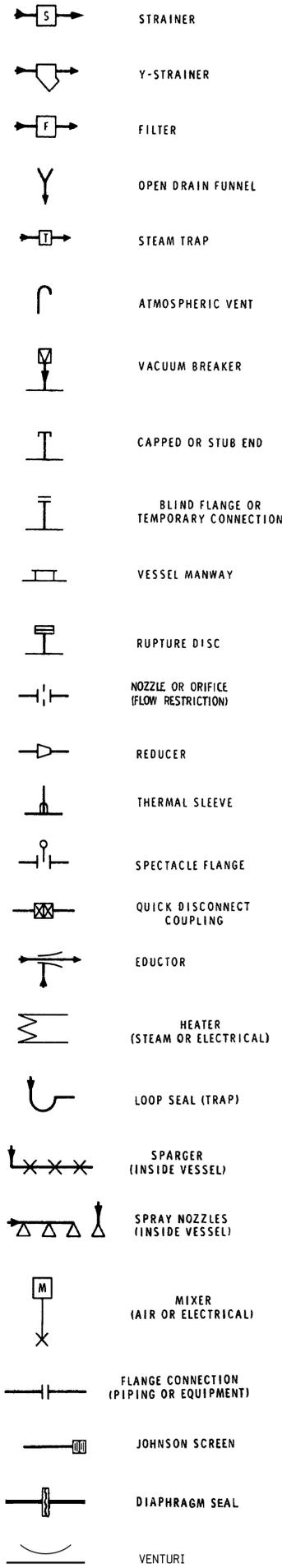
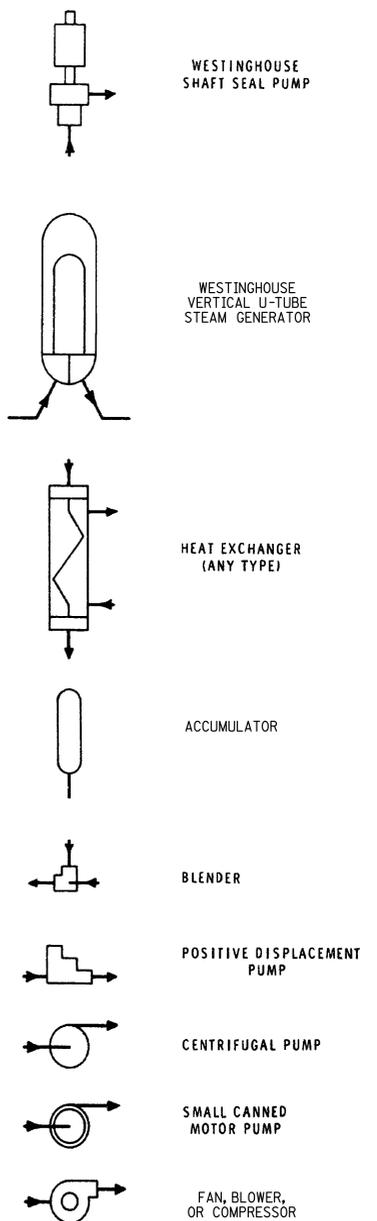
VALVE SYMBOLS



LINE CODING



EQUIPMENT SYMBOLS



REFERENCE:

1. INSTRUMENTATION & CONTROL STANDARDS
 (S) SYMBOLS AND APPLICATIONS FOR INSTRUMENT DIAGRAMS, SECTION I.1, ISSUED AUG. 12, 1966.

(I) INSTRUMENT INSTALLATION, SECTION 3.0, ISSUED NOV. 16, 1966

2. MATERIAL SPEC. AND FITTINGS

(E) E SPEC G-677129 REV-1
 (E) E SPEC G-677034 REV-2
 (E) E SPEC G-676262 REV-2

REFERENCE DRAWINGS:

PIPING	SYSTEM
RCS -	RC - REACTOR COOLANT SYSTEM X-K100-10
SIS -	S1 - SAFETY INJECTION SYSTEM X-K100-28 & 29
CVCS -	CS - CHEMICAL & VOLUME CONTROL SYSTEM X-K100-35,36,37 & 38

ACS -	AC - AUXILIARY COOLANT SYSTEM X-K100-18,19 & 20
SS -	SS - SAMPLING SYSTEM X-K100-44
WDS -	WD - WASTE DISPOSAL SYSTEM X-K100-131 & 132

LEGEND:

RWST - REFUELING WATER STORAGE TANK
 SRFL - SPENT RESIN FLUSH LINE
 PRT - PRESSURIZER RELIEF TANK
 WHT - WASTE HOLDUP TANK
 ATM - ATMOSPHERE
 RMW - REACTOR MAKEUP WATER
 CCW - COMPONENT COOLING WATER
 F. A. I. - FAIL AS IS
 F. C. - FAIL CLOSED
 F. O. - FAIL OPEN
 L. C. - LOCKED CLOSED
 L. O. - LOCKED OPEN
 DH - DRAIN HEADER
 GA - AUTOMATIC GAS ANALYZER
 HT - HOLDUP TANK
 VH - VENT HEADER
 DW - DEMINERALIZED WATER

D - LOCAL DRAIN
 V - VENT TO ATMOSPHERE
 N - NITROGEN FROM WDS NITROGEN MANIFOLD
 H - HYDROGEN FROM WDS HYDROGEN MANIFOLD
 T - CONTAINMENT ISOLATION TRIP SIGNAL
 RCDT - REACTOR COOLANT DRAIN TANK

GENERAL NOTES:

1. ADDITIONAL VENTS AND DRAINS MAY BE REQUIRED BY THE PIPING LAYOUT. ON VENTS AND DRAINS WHERE A DOUBLE BARRIER IS REQUIRED (HIGH PRESSURE PIPING; CLASS 601 AND ABOVE) THE SECOND BARRIER CAN BE A 3/8 INCH CLASS 2505 TUBE WITH SWAGLOK CAP.

2. THE 3/4 INCH VENT AND DRAIN VALVES IN FLOW DIAGRAM XK-100-18, XK-100-28, XK-100-29 AND XK-100-35 WHERE A DOUBLE BARRIER IS REQUIRED (HIGH PRESSURE PIPING CLASS 601 AND ABOVE) THE SECOND BARRIER CAN BE A 3/4 INCH CLASS 2505 TUBE WITH SWAGLOK CAP.

C
DCR 3718

REVISION	
0-1	RE PUR 0296 SCANNED TO CADD BY: JB 08-01-00 APP'D: DAK 08-01-00 FILMED: 5-26-72
A	RE PUR 0296 COMPLETE SEE REV. 0-1 FILMED: (WPS)08-08-00
B	DCR 3609-1 ADDED VENTURI SYMBOL DRFT'D: JBS 04-22-08 APP'D: AJP 05-13-08
C	DCR 3718 ADDED NOTE 2. DRFT'D: AMH 05-19-08 APP'D: SPP 05-20-08

XK-100-45

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION

LEGEND

DESIGNED BY
WISCONSIN PUBLIC SERVICE CORP.
GREEN BAY, WISCONSIN

HYBRID CADD	SCALE	DWG. NO.	REV.
N/A	NONE	XK-100-45	C