



REFERENCE DRAWINGS:
 1. LEGEND X-K100-45
 2. LINE LIST X-K100-425 & 424

- NOTES:
1. VALVE FAILS WITH FLOW TO VOLUME CONTROL TANK.
 2. 7 FT. LONG 6 IN. SCHEDULE 10S STAND PIPE BOTH ENDS CAPPED. THE STAND-PIPE ORIFICE IS 7 FT. ABOVE THE CONNECTION TO THE REACTOR COOLANT PUMP.
 3. THIS PIPING SHOULD BE SLOPED DOWN HILL THROUGHOUT THE RUN TO THE DRAIN TANK.
 4. REACTOR COOLANT PUMP THERMAL BARRIER.
 5. FROM PRESSURIZER RELIEF TANK, REACTOR MAKEUP WATERLINE.
 6. LOCATE CHECK NEAR CONTAINMENT PENETRATION.
 7. ALL ITEM NUMBERS INCLUDE THE PREFIX WPCSCS.
 8. LOCATE ORIFICE NEAR REACTOR COOLANT PUMP.
 9. □ = QUALITY ASSURANCE CODES BY P.S. & E.
 10. LETDOWN ORIFICES ORLD 1, ORLD 2 UPSTREAM OF ISOLATION VALVES 810A, 810B, RESPECTIVELY ARE DESIGNED TO PASS 40 GPM AND THE THIRD ORIFICE ORLD 3 UPSTREAM OF ISOLATION VALVE 810C IS DESIGNED TO PASS 80 GPM.
 11. INSTALL A NEEDLE VALVE IN THE AIR LINE BETWEEN THE SOLENOID VALVE AND THE ORIFICE ISOLATION VALVE OPERATOR, MAKING THE OPENING TIME A MINIMUM OF 10 SECONDS.
 12. TO OUTLET LINE OF RCDT (X-K100-131)
 13. SEE M759 SERIES FOR ADDITIONAL INSTRUMENTS ON MAJOR COMPONENTS.
 14. ROOT VALVE NUMBERS WILL NOT BE SHOWN ON THIS DRAWING. THE OPERATION VALVE NUMBER CONTAINS THE SYSTEM DESIGNATOR FOLLOWED BY THE INSTRUMENT NUMBER (I.E., SW-110077).
 15. VALVE SHALL NOT BE CLOSED WITH PLANT AT HOT SHUTDOWN OR ABOVE WITHOUT AN ENGINEERING EVALUATION OF GL 96-06 IMPACT (REF. CALC. C11483).

ALL PIPING ON THIS DRAWING OUTSIDE CONTAINMENT IS IN SV ZONE

LICENSE RENEWAL DRAWING LEGEND

	35/CVC CHEMICAL & VOLUME CONTROL
	27A/MUP MAKE-UP AND DEMINERALIZED WATER
	31/CC COMPONENT COOLING
	32A/WD-(L) LIQUID WASTE PROCESSING AND DISCHARGE
	34/RHR RESIDUAL HEAT REMOVAL
	36/RC REACTOR COOLANT

IN SCOPE FOR LR PER 18CFR 54.4 (a) (2)
 IN SCOPE FOR LR PER 18CFR 54.4 (a) (3)

DOMINION ENERGY KEWAUNEE, INC.
 KEWAUNEE POWER STATION
 LICENSE RENEWAL DRAWING
 CHEMICAL AND VOLUME CONTROL SYSTEM

APPROVED	DRAWN	DATE	REV.
REVIEWED	SCALE	LRXX-100-35	0

HYBRID CADD