



ALL PIPING ON THIS DRAWING OUTSIDE CONTAINMENT EXCEPT NITROGEN SUPPLY IS IN S.V. ZONE.

- REFERENCE DRAWINGS
 1. LEGEND X-K100-45
 2. LINE LIST X-K100-1049

- NOTES:
- SPECIAL VALVE FUNCTIONS AS BOTH ISOLATION AND RELIEF VALVE.
 - 3/4 INCH PIPE BY 3/8 TUBE INSERT.
 - ALL ITEM NOS. INCLUDE PREFIX WPSSI.
 - LOCATE VALVES 8844 A & B NEAR REACTOR VESSEL NOZZLES.
 - MUST NOT BE ROUTED THROUGH REACTOR LOOP COMPARTMENTS.
 - LEGEND
 S - SAFETY INJECTION ACTUATION SIGNAL
 T - CONTAMINATION ISOLATION TRIP SIGNAL
 Q - QUALITY ASSURANCE CODES BY P. S. & E.
 - PCV-944 FURNISHED BY WESTINGHOUSE BUT INDICATED ON P.S. & E DWG. NO. M-216
 - LOCATE 2" TIE IN WITHIN 25'-0" OF VALVES 8844 A & 8844 B
 - ORIFICE WILL BE FIELD FABRICATED AND SHOULD BE LOCATED IN A SECTION OF STRAIGHT PIPE WITH APPROX. 5 FT. OF STRAIGHT PIPE DOWNSTREAM OF ORIFICE.
 - LOCATE VALVE A MINIMUM OF 10 FT. UPSTREAM OF ORIFICE.
 - VALVE THROTTLED TO ECCS FLOW SPEC. LOCKING DEVICE INSTALLED ON VALVE STEM. CONSULT PRE-OPERATIONAL TEST PF-SI-02. FILE & PERFORM SAFETY REVIEW PRIOR TO REMOVAL OF LOCKING DEVICE.
 - VALVES WITH ASTERISK LOCKED OPEN.
 - SI-351A AND SI-351B HAVE A RELIEF HOLE DRILLED IN THE RHR PUMP SIDE OF THE VALVE DISK. DCR 2804
 - SECURITY SHUTOFF VALVE LOCKED OPEN. SEE KAPS 1309-1312 FOR DETAIL ON ACCEPTABILITY OF LOCKING OPEN VALVES
 - ROOT VALVE NUMBERS WILL NOT BE SHOWN ON THIS DRAWING. THE OPERATION VALVE NUMBER CONTAINS THE SYSTEM DESIGNATOR FOLLOWED BY THE INSTRUMENT (E.G. SM-1007)
 - VALVE SHALL NOT BE CLOSED WITH PLANT AT HOT SHUTDOWN OR ABOVE WITHOUT AN ENGINEERING EVALUATION OF GL 96-06 IMPACT (REF. CALC. CI1483).

LICENSE RENEWAL DRAWING LEGEND

	33/SI SAFETY INJECTION
	32A/WD-(L) LIQUID WASTE PROCESSING AND DISCHARGE
	34/RHR RESIDUAL HEAT REMOVAL
	36/RC REACTOR COOLANT
	51/GS MISCELLANEOUS GAS

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

DOMINION ENERGY KEWAUNEE, INC.
 KEWAUNEE POWER STATION
 LICENSE RENEWAL DRAWING
 SAFETY INJECTION SYSTEM

APPROVED	DRAWN	DWG. NO.	REV.
REVIEWED	SCALE	LRXX-100-28	0