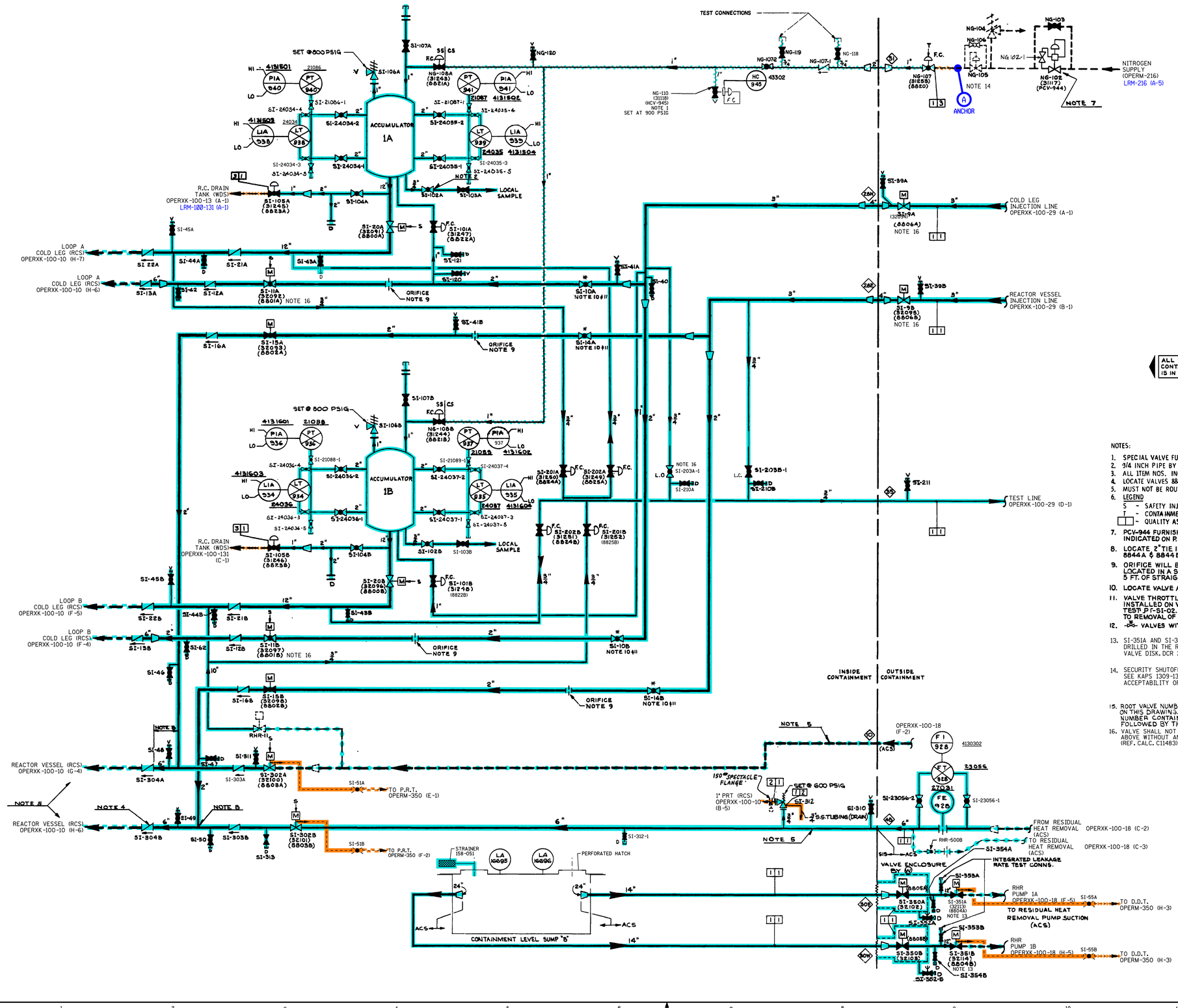
LRXK-100-28



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:

1. SPECIAL VALVE FUNCTIONS AS BOTH ISOLATION AND RELIEF VALVE.
2. 3/4 INCH PIPE BY 3/8 TUBE INSERT.
3. ALL ITEM NOS. INCLUDE PREFIX WPS51.
4. LOCATE VALVES 8844 A & B NEAR REACTOR VESSEL NOZZLES.
5. MUST NOT BE ROUTED THROUGH REACTOR LOOP COMPARTMENTS.
6. LEGEND
   S - SAFETY INJECTION ACTUATION SIGNAL
   T - CONTAINMENT ISOLATION TRIP SIGNAL
   [ ] - QUALITY ASSURANCE CODES BY P.S. & E.
7. PCV-944 FURNISHED BY WESTINGHOUSE BUT INDICATED ON P.S.&E DWG. NO. M-216
8. LOCATE 2" TIE IN WITHIN 25'-0" OF VALVES 8844A & 8844B
9. 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.
10. LOCATE VALVE A MINIMUM OF 10 FT. UPSTREAM OF ORIFICE.
11. VALVE THROTTLED TO ECCS FLOW SPEC. LOCKING DEVICE INSTALLED ON VALVE STEM. CONSULT PRE-OPERATIONAL TEST PT-SI-02. FILE & PERFORM SAFETY REVIEW PRIOR TO REMOVAL OF LOCKING DEVICE.
12. -*- VALVES WITH ASTERISK LOCKED OPEN.
13. SI-351A AND SI-351B HAVE A RELIEF HOLE DRILLED IN THE RHR PUMP SIDE OF THE VALVE DISK. DCR 2804
14. SECURITY SHUTOFF VALVE LOCKED OPEN. SEE KAPS 1309-1312 FOR DETAIL ON ACCEPTABILITY OF LOCKING OPEN VALVES
15. ROOT VALVE NUMBERS WILL NOT BE SHOWN ON THIS DRAWING. THE OPERATION VALVE NUMBER CONTAINS THE SYSTEM DESIGNATOR FOLLOWED BY THE INSTRUMENT (I.E SW-11007)
16. VALVE SHALL NOT BE CLOSED WITH PLANT AT HOT SHUTDOWN OR ABOVE WITHOUT AN ENGINEERING EVALUATION OF GL 96-06 IMPACT (REF. CALC. C11483).

REVISION

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 10CFR 54.4 (a)(2)
- IN SCOPE FOR LR PER 10CFR 54.4 (a)(1) 10CFR 54.4 (a)(3)
- ANCHOR LOCATION

DOMINION ENERGY KEWAUNEE, INC.
KEWAUNEE POWER STATION

LICENSE RENEWAL DRAWING
SAFETY INJECTION SYSTEM

HYBRID CADD	APPROVED	DRAWN JSW 02/28/06	DWG. No.	REV.
	REVIEWED	SCALE	LRXK-100-28	0

REFERENCED PER MASTER DRAWING OPERXK-100-28 REV AQ

REV 'AQ' PER LAST UPDATE

22-JUL-2008 11:34 LRXK-100-28.LXV