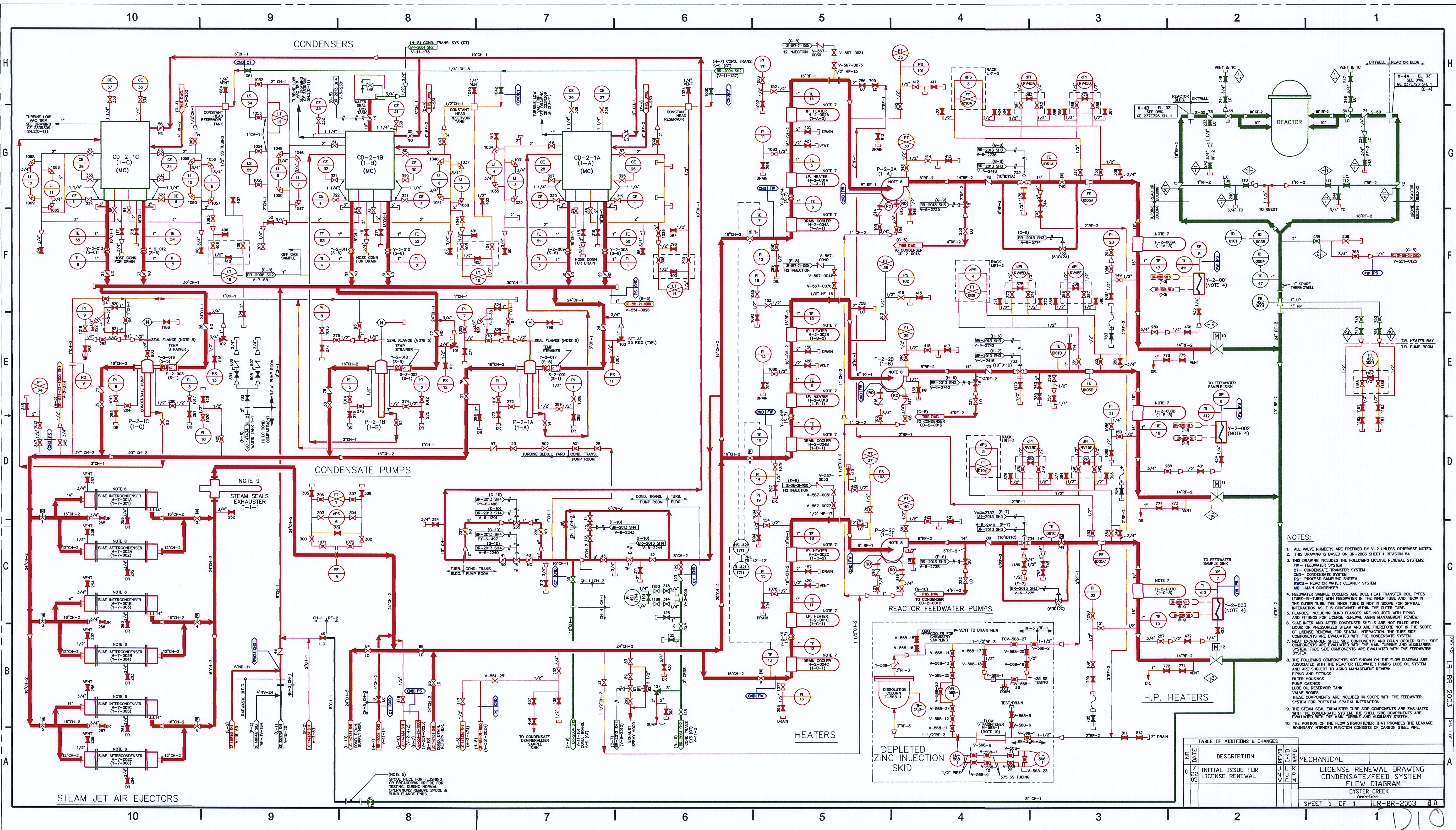




- NOTES:
1. ALL VALVE NUMBERS ARE PREFIXED BY V-2 UNLESS OTHERWISE NOTED.
 2. THIS DRAWING IS BASED ON BR-2003 SHEET 1 REVISION 04.
 3. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
FW - FEEDWATER SYSTEM
CT - CONDENSATE TRANSFER SYSTEM
CD - CONDENSATE SYSTEM
PS - PROCESS SAMPLING SYSTEM
RW - REACTOR WATER CLEANUP SYSTEM
MC - MAIN CONDENSER
 4. FEEDWATER SAMPLE COOLERS ARE SUEL HEAT TRANSFER COIL TYPES (TUBE-IN-TUBE) WITH FEEDWATER IN THE INNER TUBE AND TOW IN THE OUTER TUBE. THE INNER TUBE IS NOT IN SCOPE FOR SPATIAL INTERACTION AS IT IS CONTAINED WITHIN THE OUTER TUBE.
 5. FLANGES, INCLUDING BLIND FLANGES ARE INCLUDED WITH PIPING AND FITTINGS FOR LICENSE RENEWAL, AGING MANAGEMENT REVIEW.
 6. SUEL INTER AND AFTER CONDENSER SHELLS ARE NOT FILLED WITH LIQUID OR PRESSURIZED STEAM AND ARE THEREFORE NOT IN THE SCOPE OF LICENSE RENEWAL FOR SPATIAL INTERACTION. THE TUBE SIDE COMPONENTS ARE EVALUATED WITH THE CONDENSATE SYSTEM.
 7. HEAT EXCHANGER SHELL SIDE COMPONENTS AND DRAIN COOLER SHELL SIDE COMPONENTS ARE EVALUATED WITH THE MAIN TURBINE AND AUXILIARIES SYSTEM. TUBE SIDE COMPONENTS ARE EVALUATED WITH THE FEEDWATER SYSTEM.
 8. THE FOLLOWING COMPONENTS NOT SHOWN ON THE FLOW DIAGRAM ARE ASSOCIATED WITH THE REACTOR FEEDWATER PUMPS LUBE OIL SYSTEM AND ARE SUBJECT TO AGING MANAGEMENT REVIEW:
PIPING AND FITTINGS
FILTER HOUSINGS
PUMP CASINGS
LUBE OIL RESERVOIR TANK
VALVE BODIES
THESE COMPONENTS ARE INCLUDED IN SCOPE WITH THE FEEDWATER SYSTEM FOR POTENTIAL SPATIAL INTERACTION.
 9. THE STEAM SEAL EXHAUSTER TUBE SIDE COMPONENTS ARE EVALUATED WITH THE CONDENSATE SYSTEM. THE SHELL SIDE COMPONENTS ARE EVALUATED WITH THE MAIN TURBINE AND AUXILIARY SYSTEM.
 10. THE PORTION OF THE FLOW STRANDBERGER THAT PROVIDES THE LEAKAGE BOUNDARY INTENDED FUNCTION CONSISTS OF CARBON STEEL PIPE.

TABLE OF ADDITIONS & CHANGES		MECHANICAL	
NO	DATE	DESCRIPTION	REVISION
0	05/05/03	INITIAL ISSUE FOR LICENSE RENEWAL	1

NO	DATE	DESCRIPTION	REVISION
0	05/05/03	INITIAL ISSUE FOR LICENSE RENEWAL	1

MECHANICAL

LICENSE RENEWAL DRAWING

CONDENSATE/FEED SYSTEM

FLOW DIAGRAM

DYSTER CREEK

AmerGen

SHEET 1 OF 1

LR-BR-2003