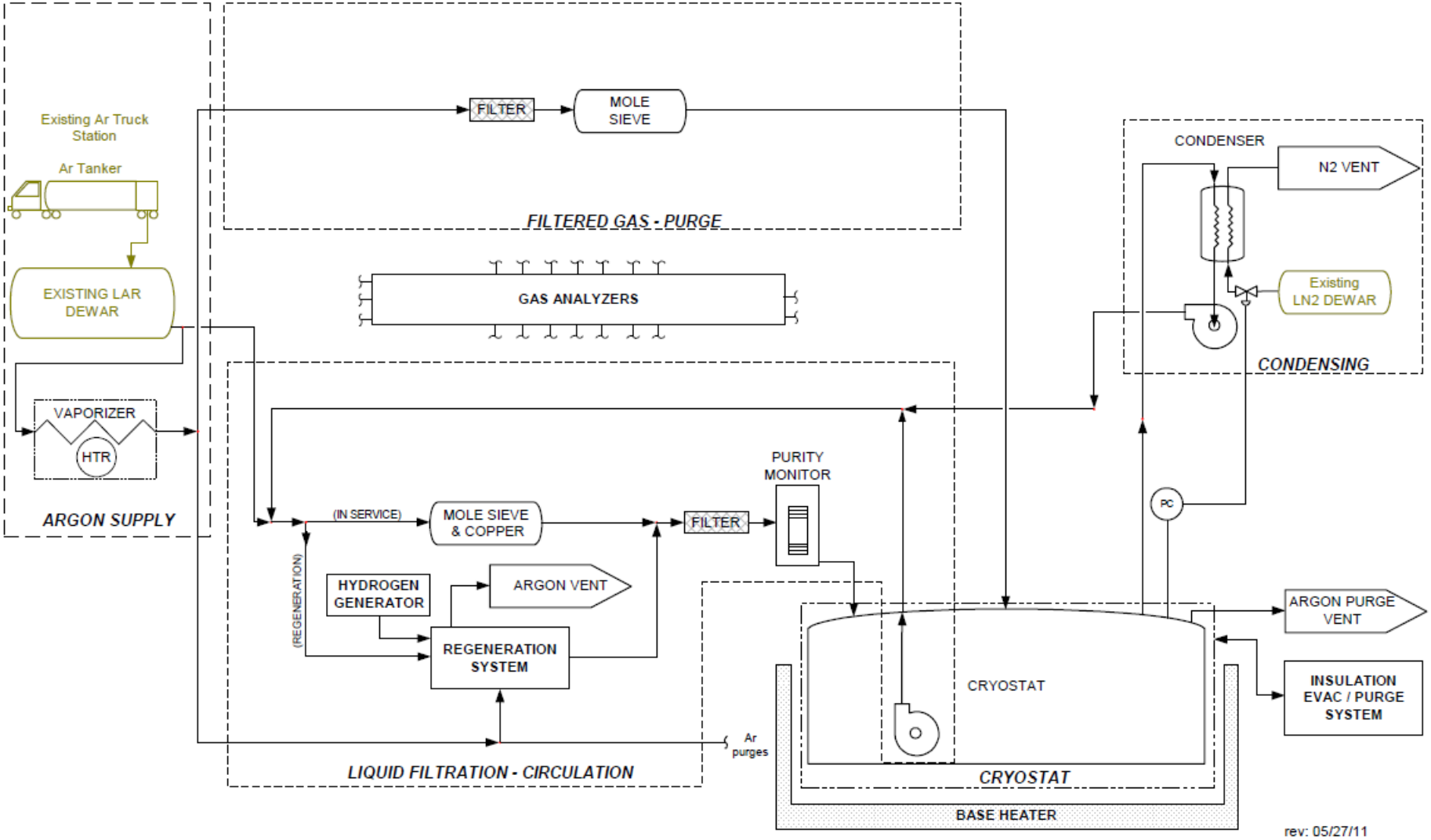LBNE LAR1 PFD