

3.0 LIMITING GAS CONTROL SYSTEM

E. Combustible Gas Control System

1. Two separate and independent Combustible Gas Control System trains shall be operable at all times whenever the reactor is in the run mode except as specified in Section 3.7.E.2 below.
2. After one or both of the Combustible Gas Control System train(s) are made or found to be inoperable for any reason, restore the inoperable train(s) to operable status within 30 days or submit a special report to the Commission within the next 30 days which includes the following information:
 - 1) Identification of the inoperable equipment or subsystems and the reason for inoperability,
 - 2) Action(s) to be taken to restore equipment to operable status, and
 - 3) Summary description of action(s) taken to prevent recurrence.

4.0 SURVEILLANCE REQUIREMENTS

E. Combustible Gas Control System

1. At least once an operating cycle, perform the following:
 - a. Verify the recombiner reaction chamber operability by verifying that the outlet temperature exceeds 600°F within one hour and that heater current is within 5% of rated current when the power setting is increased to maximum.
 - b. Calibrate the following instrumentation and control circuits.
 1. Inlet flow indicator
 2. Total flow indicator
 3. Return gas high temperature
 4. High reaction chamber temperature
 - c. Perform a resistance to ground test on all heater electrical circuits.