**Section 371.270 Chapter X − Electrical System**

a) Discuss the characteristics of the primary electrical distribution line.

b) Discuss the system's protective devices such as:

1) Fuses

2) Circuit breakers

3) Ground fault interruption

c) Describe all motor control centers and panels, including the following information:

1) For each motor control center and panel, list the types of controls present and process equipment involved.

2) Include schematic diagrams and simplified drawings for each motor control center and panel.

d) Discuss the operation and maintenance of the electrical equipment.

e) Discuss the alternate power source(s) in detail and how to implement the system(s) during loss of the primary power source.