LIMITING CONDITIONS FOR OPERATION	SURVEILLANCE REQUIREMENTS

3.14.B CO2 Fire Protection Systems

1. The HPCI room CO2 Fire Protection System shall be operable when the HPCI system is required to be operable with the system comprised of:

   a. a minimum inventory of 2400 pounds of CO2 and a minimum pressure of 280 psig in the CO2 storage tank,

   b. an operable flow path to the HPCI room and

   c. three heat detectors, except that one detector may be inoperable for a period not to exceed 7 days.

2. The CO2 Fire Protection System serving the Cable Spreading Room and Computer Room shall be operable with the system comprised of:

   a. a minimum inventory of 11,000 pounds of CO2 and a minimum pressure of 280 psig in the CO2 storage tank(s) and

   b. an operable flow path to each room.

3. The Diesel Generator CO2 Fire Protection System shall be operable when the Diesel Generators are required to be operable with the system comprised of:

   a. a minimum inventory of 2200 pounds of CO2 and a minimum pressure of 280 psig in the CO2 storage tank,

4.14.B. CO2 Fire Protection Systems

1. The CO2 Fire Protection Systems testing shall be performed as follows:

   a. CO2 storage tank level and pressure-checked once every 7 days.

   b. Simulated actuation test of valves, dampers, fans - once every 18 months.

   c. Header and nozzle air flow test - once every 18 months.

   d. Heat detector functional test - once every 6 months.

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3.14 BASES

The water and CO2 Fire Protection Systems, although not classified as safety related systems, provide fire suppression capabilities in those areas of the plant where protection of plant equipment is deemed necessary.

A. Water Fire Protection System

Two fire pumps supply water to sprinklers, manual hose stations, and hydrants in or surrounding the plant. One electrically driven pump is powered from an emergency power bus; the other pump is diesel driven. The capacity of each pump is in excess of the system design load.

In the event that both fire pumps become inoperable, immediate corrective measures are taken since this system is a major portion of the fire suppression capability of the plant. The requirement for a twenty-four hour report to the Commission provides for prompt evaluation of the acceptability of the corrective measures to provide adequate fire suppression capability for the continued protection of the plant.

B. CO2 Fire Protection Systems

The CO2 Fire Protection Systems provide fire suppression capability for the Cable Spreading Room, Computer Room, HPCI Rooms, and the Diesel Generator Rooms. The specified minimum quantities of CO2 provide the capability to flood the Cable Spreading Room and Computer Room simultaneously, a HPCI room, or a Diesel Generator Room with sufficient CO2 to meet concentration objectives.

In the event that portions of the CO2 Fire Protection System are inoperable, alternate backup fire fighting equipment is required to be made available in the affected areas until the affected fire suppression equipment can be returned to service.

C. Fire Detection

Operability of the fire detectors ensures that adequate warning is available for the prompt detection of fires. This capability is required in order to detect and locate fires in their early stages. Prompt detection of fires will reduce the potential for damage to plant equipment and is an integral element in the overall plant fire protection program.

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing Application were served on the following by deposit in the United States Mail, first class postage prepaid, on the 26th day of August, 1988.

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