

INSTRUMENTATION

CHLORINE DETECTION SYSTEMS

LIMITING CONDITION FOR OPERATION

3.3.3.7 Two independent Chlorine Detector Trains, with their Trip Setpoints adjusted to actuate at a chlorine concentration of less than or equal to five ppm, shall be OPERABLE. Each train shall consist of a detector at each Control Room Area Ventilation System intake (both normal and emergency), and a detector at the chlorine storage area *Whenever liquid chlorine is present at the storage area in quantities greater than 20 lbs.*

APPLICABILITY: ALL MODES.

ACTION:

- a. With one Chlorine Detector Train inoperable, restore the inoperable system to OPERABLE status within 7 days or within the next 6 hours initiate and maintain operation of the Control Room Area Ventilation System in the recirculation mode of operation.
- b. With both Chlorine Detector Trains inoperable, within 1 hour initiate and maintain operation of the Control Room Area Ventilation System in the recirculation mode of operation.
- c. The provisions of Specification 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.3.7 Each Chlorine Detector Train shall be demonstrated OPERABLE by performance of a CHANNEL CHECK at least once per 12 hours, an ANALOG CHANNEL OPERATIONAL TEST at least once per 31 days and a CHANNEL CALIBRATION at least once per 18 months.

8805130231 880510
PDR ADOCK 05000400
P DCD

11. 11. 11

11. 11. 11