

2.2 CHEMICAL

2.2.1 BIOCIDES

Objective

To insure that the chlorine residual released from the Circulating Water and Service Water Systems is controlled and will not have an adverse effect on the natural aquatic environment of the receiving waters.

Specification

1. The concentration of free available chlorine produced by chlorinating the Circulating Water System and Service Water System shall not be greater than 0.1 mg/liter at the circulating water discharge standpipe. If this specification is exceeded, the chlorine addition rate shall be reduced as necessary to operate within the specification
2. Circulating Water and Service Water pump intakes shall not be chlorinated more than 3 times per day. Chlorination periods shall not exceed 30 minutes. Chlorination of more than 3 Circulating Water pump intakes at one time shall not be permitted.

Monitoring Requirement

One circulating water discharge associated with Unit 1 and one circulating water discharge associated with Unit 2 shall be continuously monitored for free available chlorine residual during treatment at the circulating water discharge standpipe. The continuous monitoring (during treatment) shall be performed using a free chlorine residual analyzer equipped with a strip chart recorder.