## MCINTOSH UNIT 5 - FIRING DISTILLATE OIL

The C. D. McIntosh, Jr. Power Plant Unit 5 combustion turbine is equipped with dual fuel combustors for firing natural gas and distillate fuel oil. Initial compliance has been demonstrated for natural gas firing, but not for distillate fuel oil firing.

Compliance with the allowable emission limiting standards for oil shall be determined within 720 unit-operating hours on oil, as specified by the U.S. EPA Region 4 letter from R. Douglas Nealy dated February 14, 2001. The following Compliance Plan is for initial compliance for distillate fuel oil firing.

**1.** The Department's Southwest District, Air Section, will be notified of the actual date of the restart of Unit 5 on distillate fuel oil within 15 days of such date.

**2.** Emission limiting standards for $NO_X$, CO, $SO_2$, visible emissions and VOC, as identified in the specific conditions, shall be demonstrated within 720 unit-operating hours on oil.

**3.** Initial performance tests for $NO_X$, CO, VOC and visible emissions, shall be conducted using the test methods specified.

**4.** Compliance with $SO_2$ emission requirements will be demonstrated through fuel oil analyses (i.e., 0.05% sulfur content, by weight, or less), specified.

**5.** In approving the initial performance test extension, the U.S. EPA Region 4 waived the 30-day notification requirement of 40 CFR 60.8. The Department's Southwest District, Air Section, shall be notified in writing at least 15 days prior to the initial performance tests, unless another notification period has been approved in writing by the district office.

**6.** Performance test results shall be submitted to the Department's Southwest District, Air Section, no later than 45 days after the last test run.

**7.** Continuous compliance for $NO_X$ emissions, when firing distillate fuel oil, shall be demonstrated using continuous emission monitoring systems (CEMS) and based on a 3-hour average, as described by specific condition.