Best Available Control Technology (BACT) Determination
Goodrich Corporation
Duval County

This BACT determination is required for the source as set forth in Rules 62-296.400, Florida Administrative Code (FAC), - Specific Emissions Limiting and Performance Standards, and Rule 62-296.406, FAC, - Fossil Fuel Steam Generators with less than 250 Million Btu per hour Heat Input, New and Existing Sources.

The applicant has applied for a Construction Permit for two No. 2 fuel oil fired boilers.

BACT Determination Requested by Applicant:

Particulate matter emissions and sulfur dioxide emissions shall be controlled by the firing of low sulfur content No. 2 (distillate) fuel oil. The sulfur content of the fuel oil shall not exceed 0.05%, by weight

Date of Receipt of BACT Application:

October 7, 2004

BACT Determination by the Department:

Particulate matter emissions and sulfur dioxide emissions shall be controlled by the firing of low sulfur content No. 2 (distillate) fuel oil. The sulfur content of the fuel oil shall not exceed 0.05%, by weight.

BACT Determination Rationale:

Sulfur in fuel is a primary air pollution concern since most of the fuel sulfur becomes sulfur dioxide. Particulate Matter emissions are also related to the sulfur content of the fuel oil.

This determination is consistent with other recent BACT Determinations for small boilers (i.e., less than 100 x 10^6 Btu/hr firing rate) and is more stringent than Subpart Dc, New Source Performance Standards.

Details of the Analysis may be obtained by Contacting:

Mr. Ronald L. Roberson
Environmental Engineer
Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202

Approved by:

Richard Robinson

11/17/04

Richard Robinson, P.E., Manager
Air Pollution Source Permitting Section

Date

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