

Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

June 19, 1991

Mr. Charles Pacamalan
Brevard County Government Center
Office of Natural Resources Management
2725 St. John's Street
Melbourne, FL 32940

RE: Florida Power & Light (FPL) Usage of Orimulsion Fuel

Dear Mr. Pacamalan:

On April 2, 1990, FPL filed a petition to obtain authorization to conduct research and testing of Orimulsion fuel, an economical naturally-occurring Venezuelan bitumen emulsified in water, at the Sanford Plant Power Plant Unit No. 4. Because of the higher sulfur content and estimated particulate emissions from the fuel, FPL requested that the emission limitations for Unit 4 be temporarily relaxed while testing was performed.

On September 6, 1990, a noticed hearing was held in DeBary, Florida to receive public comment on the proposed project. No adverse comment was received at the hearing.

On October 4, 1990 the Department approved the Testing and Research Order for the project and submitted a request to EPA to revise the State Implementation Plan (SIP) to allow the temporary testing. The SIP was revised, and FPL began burning Orimulsion on January 9, 1991. FPL stopped testing on May 31, 1991 and their emissions have been reduced back to the limits in their existing operating permit. A summary of their stack test results while firing Orimulsion is attached.

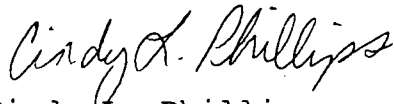
FPL's Orimulsion Project Manager, Jerry Kirk, is pleased with Orimulsion's performance and will be recommending to upper FPL management that the Sanford Plant and other FPL units be converted to firing Orimulsion fuel. The Department has not, at this time, received any air pollution source permit applications for these possible full-scale conversions.

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Per your request, the Department will keep you apprised of any proposed FPL uses of Orimulsion in Brevard County. If you have any questions concerning this matter, please contact me, or Chuck Collins in the Department's Central District Office in Orlando (SC 325-1246).

Sincerely,



Cindy L. Phillips
Engineer
Bureau of Air Regulation

c: Chuck Collins, CD