

# FORT PIERCE UTILITIES AUTHORITY

"Committed to Quality"



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March 17, 2008

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BUREAU OF AIR REGULATION  
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Florida Department of Environmental Protection  
2600 Blirstone Road  
Tallahassee, Fl 32399-2400

Attention: Trina Vielhauer, Chief, Bureau of Air Regulation

Re: DEP File No. 1110003-009-AC  
Fort Pierce Utilities Authority (FPUA)  
H. D. King Power Plant  
Authorization to Burn Backup Fuel  
FDEP letter of 12/20/07, T. Vielhauer to T. Richards

Dear Ms. Vielhauer:

The referenced letter authorized FPUA to combust approximately 190,000 gallons of surplus No. 2 low sulfur distillate fuel oil in Unit No. 9. The original request was sent to you in our November 15, 2007, letter and was based on plans to decommission the units in the spring of 2008. In accordance with the referenced letter, please be advised of the following:

- The backup fuel was burned during the period of late Friday, March 7, 2008, through early March 11, 2008. The total combustion time was ninety (90) hours and 151,683 gallons (3,611.5 barrels) were burned. No further oil will be combusted in Unit No. 9.
- Normal operating procedures (introduction of steam to control NO<sub>x</sub>) were used to minimize pollutant emissions.
- The Southeast District office was advised (Raisa Neginsky) of the commencement and completion of the initiative.
- The calculation for NO<sub>x</sub> (based on maximum potential to emit) resulted in emissions of 4.15 tons. For a similar period of time for gas combustion, 2.55 tons of NO<sub>x</sub> would have been emitted (based on compliance test results of

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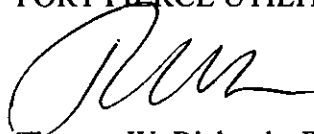
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56.63 lbs/hr). The resulting additional NO<sub>x</sub> from burning oil during this period is 1.6 tons. SO<sub>2</sub> emissions for this period were .45 tons.

Based on the information contained in this letter, no further action is required and we consider the issue closed. Please contact me if you have any questions.

Very truly yours,

FORT PIERCE UTILITIES AUTHORITY



Thomas W. Richards, P.E.  
Director of Electric & Gas Systems

TWR/JT/ee/08-4

cc: R. Neginsky, FDEP, West Palm Beach  
L. Hoefert, FDEP, West Palm Beach  
W. Anderson, FPUA, Power Generation  
J. Tompeck, FPUA, Power Generation