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# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400  
Bob Martinez, Governor Dale Twachtmann, Secretary John Shearer, Assistant Secretary

July 11, 1990

Mr. David S. Beachler, Manager  
Environmental & Quality Engineering  
Westinghouse Electric Corporation  
Resource Energy Systems Division  
2400 Ardmore Boulevard  
Pittsburg, Pennsylvania 15221

Dear Mr. Beachler:

Re: Bay County Energy System, PSD-FL-129

This letter is in response to your June 20, 1990, inquiry on the allowable municipal solid waste (MSW) charging rate for the two combustors at the referenced facility.

The Northwest District issued an operating permit for this facility on April 13, 1990, (AO 03-165754) that included Specific Condition No. 16A which restricts the quantity of MSW that can be burned in the combustors at the referenced facility. This part of Specific Condition No. 16 is identical to Specific Condition No. 2A of the construction permits (AC 03-145061, AC 03-152196, and PSD-FL-129) that were issued for this facility. This part of the Specific Conditions mentioned is:

The maximum charging rate of each municipal waste combustor (MWC) shall not exceed 255 tons of municipal solid waste (MSW) per day (a total of 510 TPD for the facility); 95.6 million Btu heat input per hour, assuming a heating value of 4,500 Btu per pound; and a steam production rate of 68,000 lbs/hr (design capacity). A 7-day-average, as of 8 a.m. - Monday, shall be used to determine the charging rate for each MWC. Load cells used on the loading conveyors shall be used for information purposes, and to determine their accuracy and validity.

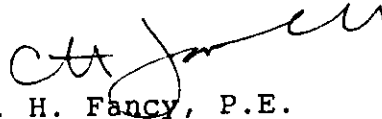
The Department's intent is to limit the MSW feed to each combustor to 1,785 tons in a 7 day period (3,570 tons for both combustors during a 7 day period).

A steam production rate of 11,424,000 pounds by each boiler during a 7 day period (22,848,000 pounds for both boilers during a 7 day period) would be in compliance with the permits provided the 1 hour average steam production does not exceed the design rate of 68,000 lbs/hr by more than 10 percent (74,800 lbs/hr).

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If you need additional clarification on this matter, please write to me or call Willard Hanks or Barry Andrews at (904)488-1344.

Sincerely,



C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/WH/plm

c: Ed Middleswart, NW District