

PSD file? RJ

BOARD OF COUNTY COMMISSIONERS

DEPARTMENT OF SOLID WASTE MANAGEMENT

2800 110TH AVENUE NORTH  
ST. PETERSBURG, FLORIDA 33716  
PHONE (813) 892-7565



P. O. BOX 21623  
ST. PETERSBURG, FLORIDA 33742-1623

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2600 Blair Stone Road  
Tallahassee, FL 32301

Dr. Rick Garrity, District Manager  
Department of Environmental Regulation  
Southwest District Office  
4520 Oak Fair Boulevard  
Tampa, FL 33610-7347

Pinellas County Department of Environmental Management  
Division of Air Quality  
16100 Fairchild Drive  
Bldg. V102  
Clearwater, FL 33520

Re: Pinellas County Resource Recovery Facility

Gentlemen:

As required by our Power Plant Site Certification, Conditions of Certification (2/29/84), Section XIV, A, 4, b, and EPA, PSD Permit No. PSD-FL-098, we have attached a quarterly summary of stack continuous emission monitoring results.

Please advise if you require additional information.

Sincerely,

Bob Van Deman, P.E. Director  
Solid Waste Management

BVD:rvt  
att.  
1773V

cc: HDR (w/encl.)

October 22, 1990  
RECEIVED  
OCT 30 1990  
DER-BAQM

October 17, 1990

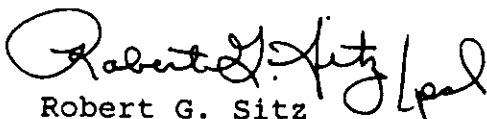
Mr. Robert Van Deman, Director  
Solid Waste Management of Pinellas County  
2800 - 110th Avenue North  
St. Petersburg, Florida 33716

RE: 1990 Third Quarter Report on Excess Emissions

Dear Mr. Van Deman:

Enclosed is a list of incidents when the stack opacity exceeded the permitted value during the calendar year quarter ending September 30, 1990. Table I lists actual excess emissions.

Sincerely,



Robert G. Sitz  
Plant Manager  
Wheelabrator Pinellas

RGS:psl

Attachments

TABLE I

THIRD QUARTER EXCESS EMISSIONS

#1 AND #2 BOILERS (COMMON OPACITY METER)

<u>DATE</u>	<u>TIME</u>	<u>OPACITY</u>	<u>REASON</u>	<u>CORRECTIVE ACTION</u>
07-26-90	0555-0715	48%	Instrument error. No visible emission.	E & I called to check monitor.
08-14-90	0805-0950	36%	Electrical problems on #2 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
08-15-90	0530-0457	29%	Electrical problems on #2 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
08-16-90	0246-0417	37%	Electrical problems on #2 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
08-20-90	0735-0905	34%	Instrument error. No visible emission.	EPA method 9 performed by visual emission evaluator - E & I calibrated opacity monitor.
08-22-90	1008-1015	30%	Unknown.	None.
	1037-1044	60%	Unknown.	None.
08-24-90	0935-0958	37%	Electrical problems on #2 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
	1136-1200	36%		
	1638-1712	54%		

#1 boiler operated 2,153.5 hours.

#2 boiler operated 1,921 hours.

TABLE I  
THIRD QUARTER EXCESS EMISSIONS

#3 BOILER

<u>DATE</u>	<u>TIME</u>	<u>OPACITY</u>	<u>REASON</u>	<u>CORRECTIVE ACTION</u>
07-20-90	0600-0605	28%	Electrical problems on #3 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
	0610-0630	35%		
07-20-90	0640-0700	30%	Wet fuel.	
08-25-90	0140-0225	32%	Electrical problems on #3 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
08-27-90	2045-2125	70%	Electrical problems on #3 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
	2325-2330	30%		
08-29-90	0055-0612	62%	Electrical problems on #3 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
08-29-90	0705-0820	30%	Electrical problems on #3 precipitator.	E & I corrected electrical problem and put precipitator back in full service.
09-08-90	1612-1630	32%	Unusual fuel.	Adjusted fuel feed.
	1710-1736			

#3 boiler operated 1,939.5 hours.

TABLE II

INSTRUMENT ERROR

#1 AND #2 BOILER (COMMON OPACITY METER)

<u>DATE</u>	<u>TIME</u>	<u>OPACITY</u>	<u>REASON</u>	<u>CORRECTIVE ACTION</u>
07-20-90	1100-			
07-26-90	1000		Electrical problem power supply board in instrument. This downtime corresponded with a scheduled outage for Unit 2.	Instrument sent to Spectrum Systems in Pensacola for service and replacement of power board.

TABLE II  
INSTRUMENT ERROR

#3 BOILER

<u>DATE</u>	<u>TIME</u>	<u>OPACITY</u>	<u>REASON</u>	<u>CORRECTIVE ACTION</u>
07-09-90- 07-19-90			Instrument struck by lightning.	Instrument sent to Spectrum Systems for repair and recalibra- tion.

TABLE III  
THIRD QUARTER EXCESS EMISSIONS  
#3 BOILER CO MONITOR

No excess emissions this quarter.

TABLE IV

INSTRUMENT ERROR

#3 BOILER CO MONITOR

None.