

Berndt,Cindy

From: Sydnor,James
Sent: Friday, March 23, 2007 12:16 PM
To: 'Vivian E. Thomson'
Cc: Berndt,Cindy
Subject: RE: Emissions comparison



MIRANT POTOMAC
RIVER GENERATING...

Vivian,

Attached is the information you requested for items one and two. We do not know what the emissions will be under the DEQ proposed CO since the predictive modeling would allow the operations and emissions to change based on the required loads and the weather conditions used in the modeling for the next day's operations. I think the best estimate of emissions under the CO would be something in the range of those that occurred in 2005 and 2006. Let me know if you have any questions.

James E. Sydnor
Va. Dept. of Env. Quality
Director, Air Division
804-698-4424

-----Original Message-----

From: Vivian E. Thomson [mailto:vet4y@cms.mail.virginia.edu]
Sent: Thursday, March 22, 2007 2:43 PM
To: Sydnor,James
Cc: vthomson@virginia.edu
Subject: Emissions comparison

Dear Jim,

Could you please provide the following emissions information for the Mirant PRGS facility. I would be grateful if you could provide these data in one table, in short tons and in Mg:

- (1) Emissions for all pollutants in the twelve-month period that DOE calls the "pre-shutdown" phase. (As I understand it, this phase ended on August 24, 2005.)
- (2) Emissions for all pollutants in the last twelve months, or the most recent twelve-month period available.
- (3) Emissions for all pollutants for twelve months under DEQ's proposed Consent Order.

Thank you for your assistance.

Yours sincerely,

Vivian Thomson

MIRANT POTOMAC RIVER GENERATING STATION SELECTED EMISSIONS PERIODS

Tons

YEAR	SO ₂	NO _x	PM	PM ₁₀	PM _{2.5}	CO	VOC
2004	13,946.5	4,741.6	528.4	528.4	236.3	226.3	27.2
PSP*	11,243.4	3,420.9	340.9	340.9	119.5	197.5	23.8
2005	8,478.7	2,517.2	222.8	222.8	64.6	150.2	18.1
2006**	3,178.3	1,866.8	191.5	191.5	55.5	129.1	15.6

Megagrams (Mg)

YEAR	SO ₂	NO _x	PM	PM ₁₀	PM _{2.5}	CO	VOC
2004	12,652.1	4,301.5	479.4	479.4	214.4	205.3	24.7
PSP*	10,199.8	3,103.4	309.3	309.3	108.4	179.2	21.6
2005	7,691.7	2,283.6	202.1	202.1	58.6	136.3	16.4
2006**	2,883.3	1,693.5	173.7	173.7	50.3	117.1	14.2

* Pre-Shutdown Period (Sept 2004 through Aug 2005)

** 2006 data sources:

- SO₂ & NO_x – EPA Clean Air Markets Division preliminary CEM emissions data.
- Other pollutants – estimated based on 2005 emission rates and actual 2006 heat input data.

Mirant Potomac River Generating Station Emissions - Tons

