

Mirant Potomac River, LLC
1400 North Royal Street
Alexandria, VA 22314
T 703 838 8249 U www.mirant.com

February 16, 2006

Mr. Lawrence Mansueti
Permitting, Siting and Analysis Division
Office of Electricity Delivery and Energy Reliability
United States Department of Energy
Routing Symbol OE-20
1000 Independence Avenue, S.W.
Washington, D.C. 20585



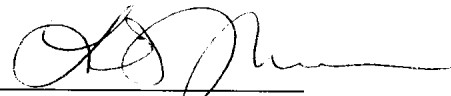
RE: District of Columbia Public Service Commission,
Docket No. EO-05-01

Dear Mr. Mansueti:

Attached is Supplement Number 5 to the Operating Plan of Mirant Potomac River, LLC, which is being submitted in compliance with Order No. 202-05-03, issued by the Department of Energy on December 20, 2005, in the captioned proceeding.

Thank you for your attention to this matter.

Sincerely,



Lisa D. Johnson
President
Mirant Potomac River, LLC

Enclosure

**UNITED STATES OF AMERICA
DEPARTMENT OF ENERGY**

District of Columbia Public Service)
Commission)

Docket No. EO-05-01

**SUPPLEMENT NUMBER 5
TO OPERATING PLAN OF MIRANT POTOMAC RIVER, LLC
IN COMPLIANCE WITH ORDER NO. 202-05-03**

Pursuant to Section 202(c) of the Federal Power Act, 16 USC § 824a(c), Section 301(b) of the Department of Energy Organization Act, 42 USC § 7151(b), and Order No. 202-05-3, issued by the Department of Energy (“DOE” or the “Department”) on December 20, 2005 (“Order”), Mirant Potomac River, LLC (“Mirant”) hereby submits the following Supplement Number 5 to the Operating Plan submitted to the Department on December 30, 2005 (the “Operating Plan”) in response to the Order.

Capitalized terms not otherwise defined in this Supplement Number 5 shall have the meanings ascribed to such terms in the Operating Plan.

Supplemental Information

In Section VI of the Operating Plan, Mirant provided specific 24 hour daily SO₂ rate caps applicable to the three-unit operation proposed in Option A and Option B for any non-emergency period during the Temporary Phase or the Intermediate Phase, together with supporting modeling. Mirant also submitted with the Operating Plan ENSR Update #3 which included modeling results and the 24 hour daily SO₂ rate caps applicable the two-unit operation of units 1 and 4 during any non-emergency period during the Temporary Phase or the Intermediate Phase.

In Supplement Number 3, Mirant provided the specific 24 hour daily SO₂ rate caps applicable during any non-emergency period of the Temporary Phase or the Intermediate Phase, when only one unit is in operation, together with supporting modeling. In Supplement Number 4, Mirant proposed 24 hour daily SO₂ emission rate caps for various two-unit operating configurations, together with supporting modeling.

Mirant proposes the following 24 hour daily SO₂ emission rate caps for the additional two-unit operating configurations set forth below. The modeling results to support such rate caps are included on the chart attached as Exhibit A to this Supplement Number 5:

	Modeled Two-Unit SO2 Rates
Units 1 & 2	0.31 lb/MMBtu
Units 2 & 3	0.24 lb/MMBtu
Units 2 & 5	0.37 lb/MMBtu
Units 3 & 4	0.24 lb/MMBtu
Units 3 & 5	0.24 lb/MMBtu

In the Unit 1 & 2 case, both units operate 24 hours per day, with no constraints on generation. In the unit 2 & 3 and unit 2 & 5 cases, the cycling unit (unit 2) operates in the mode of up to 8 hours of maximum load, 8 hours or more of minimum load, and 8 hours or more off line, while the base load unit (unit 3 or 5) operates 24 hours per day with no constraints on generation. In the Unit 3 & 4 case, both units operate 24 hours per day, with Unit 3 constrained to 6 hours or less of maximum load and 18 hours or more of minimum load per day and Unit 4 constrained to 7 hours or less of maximum load and 17 hours or more of minimum load per day. In the Unit 3 & 5 case, both units operate 24 hours per day, constrained to 12 hours or less of maximum load and 12 hours or more of minimum load per day. The applicable SO2 emission rate cap applies to both units in each case.

Compliance with the above rate caps will result in modeled compliance with the SO2 NAAQS and will allow Mirant to maintain the necessary flexibility to operate two-unit configurations consistent with normal operating practices.

The above SO2 emission rate caps shall apply only during non-emergency operations during the Temporary Phase and the Intermediate Phase of the Operating Plan because, as described in Section IX of the Operating Plan, implementation of the Long Term Phase operating plan through some form of stack reconfiguration will mitigate the downwash effect. The applicable Long Term SO2 emission rates should be established upon implementation of the Long Term Phase.

Mirant attached to the Operating Plan as Exhibit D a calendar of activities for implementation of Option A. Attached to this Supplement Number 5 is Revised Exhibit D incorporating site activities.

Respectfully submitted,



Lisa D. Johnson
President

Mirant Potomac River, LLC
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Dated: February 16, 2006

Exhibits

Exhibit A: Modeling in support of additional two-unit operating configurations

Revised Exhibit D: Calendar