

**Adams, Patty**


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**From:** Heron, Teresa  
**Sent:** Thursday, July 12, 2007 8:50 AM  
**To:** Adams, Patty  
**Subject:** FW: Extension Request - Air Construction Permit 0250476-004-AC  
**Importance:** High

FYI  
 To files

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**From:** O'Rourke, Richard M. (WASD) [mailto:ROROU01@miamidade.gov]  
**Sent:** Tuesday, July 10, 2007 4:23 PM  
**To:** Heron, Teresa  
**Cc:** Linero, Alvaro; Arrebola, Vicente (WASD); Goldenberg, Bertha M. (WASD); Pardillo, John R. (WASD)  
**Subject:** Extension Request - Air Construction Permit 0250476-004-AC  
**Importance:** High

Teresa,

Just to follow up on our telephone conversation about the MDWASD request for an extension to address an unforeseen problem with one of the new emission units to ensure that sufficient time remains under the permit to meet the remaining milestone dates in Appendix CP Compliance Plan of Title V Air Operation Permit No. 0250476-007-AV.

The construction permit was for the installation of two additional 2.865 MW Diesel Electric Generators, Emission Units 19 and 20. Emission Units 19 and 20 have been installed for some time and the transformer improvements (less some structural items) needed to operate were recently completed in June. But just prior to submitting the request for the extension of the construction permit it was found that jacket water cooling system on Emission Unit 20 had been unsealed and external corrosion of the unit's cooling system had occurred. It was because of emission unit 20 questionable condition and because the Compliance Plan of Title V Air Operation Permit No. 0250476-007-AV compliance milestone requires that the notification of the initial start up of Emission Units 19 and 20 150 days prior to the expiration of the construction permit (currently December 31, 2007) or by August 3, 2007 that MDWASD submitted the request for an extension to the construction permit, in order to remain in compliance.

Since MDWASD submitted the request for extension, the following additional information regarding the installation of emission units is known:

The initial start up of Emission Unit 19 (also known as EMD 4) recently on July 3, 2007; and the notification of the initial start up is due within 15 days of completing the compliance milestone, or by July 18, 2007.

The entire cooling system of Emission Unit 20 (also known as EMD 5) was flushed, filled with a chemical water side cleaner, and sealed. The chemical water side cleaner will need to remain in place for several weeks, after which the engine will be flushed again, and the cooling system tested and re-evaluated. Therefore, it is unlikely that the unit will be able to complete the initial started up prior to the deadline under the compliance plan, with the current construction permit expiration date in place. Also, because it is still not possible to estimate a more precise time when the unit might be able to complete the initial start up under the current conditions, a 6-month extension was requested to remain in compliance with the operating permit.

**Richard M. O'Rourke, P.E.**, Permit Section Supervisor  
**Miami-Dade Water and Sewer Department**  
 P.O. Box 330316, Miami, Florida 33233-0316  
 3071 SW 38 Avenue, Miami, Florida 33146  
 786-552-8123 Phone 786-552-8640 Fax  
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7/12/2007

**Heron, Teresa**

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