



Carlos A. Gimenez, Mayor

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DIVISION OF AIR
RESOURCE MANAGEMENT

Ed
Miami-Dade Water and Sewer Department
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Project No. 0250314-01A-AC

June 11, 2012

Certified Mail: 7010 0290 0000 0693 6256
CCN: 56421

Mr. Jeff Koerner
Florida Department of Environmental Protection
Division of Air Resource Management – Office of Permitting and Compliance
2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400

Subject: Permit extension for Air Construction Permit No. 0250314-014-AC; Alexander Orr, Jr.
Water Treatment Plant, Facility ID 0250314

Dear Mr. Koerner,

In accordance with Chapters 62-210 F.A.C. *Stationary Sources - General Requirements* and 62-4 F.A.C. *Permits*, Miami-Dade Water and Sewer Department (MDWASD) is requesting an extension to the subject permit so as to extend the expiration to June 30, 2013. Details are as follows:

Title V Air Construction Permit No. 0250314-014-AC was issued June 11, 2008 with an original expiration date of June 30, 2009. On June 1, 2009, under Project No. 0250314-016-AC, the expiration was extended to June 30, 2012.

This project consists of the addition of two (2) new Electro-Motive Division (EMD) standby generators, E.U. ID 024, Model 20-645F4B, and E.U. ID 025, Model 16-710G4C, to the existing bank of four (4) EMD Series 645 generators (E.U. IDs 009 – 012). At the time of the previous extension, June 1, 2009, only E.U. ID 024 had been procured although an order for E.U. ID 025 had been placed with the manufacturer.

Since June 1, 2009, E.U. ID 025, has been procured and installed but has not had an initial start-up. Start-up under a load bank can be performed following the installation of the diesel fuel supply and return lines. Full operational status is dependent on pending upgrades to the facility's electrical switching gear although a demonstration of initial compliance can be accomplished earlier using a load bank. A tentative schedule for completion follows:

- September 2012 – complete installation of fuel supply and return lines.
- October 2012 – perform initial start-up and load-testing using a load bank.
- February 2013 – complete switchgear modifications. If this is not accomplished, compliance testing will be done utilizing a load bank.
- March 2013 – perform initial demonstration of compliance and submit application for air operation permit.

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As the designated Responsible Official of this facility, I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Please contact me at (786) 552-8112 or Mr. Richard M. O'Rourke, P.E. at (786) 552-8123 if there are any questions regarding this report.

Sincerely,



Rafael A. Terrero, P.E., BCEE, M.ASCE
Assistant Director, Water System Operations

RMO/JRP

cc: L. Anderson – FDEP/SED
M. Muthiah – DERM