

From: [Svec, Ed](#)
To: [Scearce, Lynn](#)
Cc: [Arif, Syed](#)
Subject: FW: Extension of Original Air Construction Permit 0250314-014-AC, Alexander Orr, Jr. Water Treatment Plant, Facility ID 0250314
Date: Tuesday, June 11, 2013 1:34:06 PM

Lynn:

Please assign a project number for this extension. I will use the generic module for this one.

Thanks

Ed Svec

From: Terrero, Ralph (WASD) [mailto:TERRERO@miamidade.gov]
Sent: Monday, June 10, 2013 2:40 PM
To: Arif, Syed
Cc: Svec, Ed; Renfrow, John (WASD); Ruiz, Joseph A. (WASD); O'Rourke, Richard M. (WASD)
Subject: Extension of Original Air Construction Permit 0250314-014-AC, Alexander Orr, Jr. Water Treatment Plant, Facility ID 0250314

Dear Mr. Arif,

The Miami-Dade Water and Sewer Department (MDWASD) is requesting an extension to the subject permit to December 25, 2015; to complete installation, testing, and to apply for a permit to operate. This date coincides with expiration the facility's Title V Air Operation Permit 0250314-017-AV for which a renewal application is due April 19, 2015.

Title V Air Construction Permit No. 0250314-014-AC was extended to June 30, 2013 under Project No. 0250314-019-AC. The original project consisted of the addition of two (2) new Electro-Motive Division (EMD) Series 645 generators standby generators, Emission Units, (EUs) 024 and 025 to the existing bank of four (4) EMD Series 645 generators (EUs 009 – 012). However, by the time that Title V Air Operation Permit 0250314-017-AV was issued in February 2011, only EU 024 had been installed and added to the operating permit; while the installation of Standby Emergency Generator Unit 6, an EMD Model 16-710G4C, EU ID 025 continued.

Standby Emergency Generator EMD 6, EU 025, is now installed with fuel supply and return lines, electrically driven auxiliary pumps and external heat exchanger fan motors, but cannot be connected to the current switchgear room bus and be operated normally or tested with the other units yet. Though complete operational status of EMD 6, EU 025 is dependent on the completion of a capital improvement project for the construction of the new expanded switchgear and transformer building that was initiated in FY 2011 and projected to be completed in FY 2016; an alternative mode of operation maybe feasible and under consideration. Alternatively, once controls for synchronous operations of EMD 6, EU 025 with the

existing bank EMD generators (EUs 009 – 012) are complete, EMD 5, EU 024 potentially could be disconnected from and EMD 6, EU 025 connected to the current switchgear room bus for use. Extending Air Construction Permit No. 0250314-014-AC to December 25, 2015; would at least allow MDWASD to pursue this alternative to use EMD 6, EU 025 as a backup generator in the interim period until the expanded switchgear and transformer building is completed.

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 this request 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 request.

Sincerely,

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