



KOOGLER & ASSOCIATES, INC.
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KA 263-14-16
March 27, 2015

Sent via email: garcima@miamidade.gov

Mr. Rick Garcia
Miami Dade County
Department of Regulatory and Economic Resources
701 NW 1st Court
Miami, FL 33136

**RE: AC Permit Extension Request-Permit No. 0250014-053-AC
CEMEX Construction Materials Florida, LLC
Miami Cement Plant, Facility ID: 0250014**

Dear Mr. Garcia:

On behalf of CEMEX Construction Materials Florida, LLC, Koogler and Associates, Inc. is requesting an extension of air construction permit no. 0250014-053-AC for the Miami Cement Plant oxygen enrichment project (Project No. 0250014-048-AC). The goal of the project is to increase the effective use of alternative fuel materials through oxygen enrichment.

The permit was issued on August 30, 2013 and the current extension will expire on March 31, 2015. CEMEX is requesting a three month extension (July 1, 2016) because:

- The Tertiary Air gate was not operative for over 9 months of 2014 through late January 2015. The main chain had broken and would have taken several days to repair. The parts had to be ordered from the main vendor, FLS, which is located in Germany; the damper was finally repaired in late January during the plant's annual maintenance outage and became operational on February 10, 2015 when the kiln was restarted;
- Upon restarting the Oxygen testing in late February, the supplier of wood was not able to meet CEMEX's requirements for testing as the supply and sizing was not to specification;
- The lab X ray machine had problems for over a two week period in early March 2015 preventing oxygen test runs since CEMEX could not be sure they were meeting quality specifications of the clinker produced. Also, with the X ray machine down, the lab could not measure the percentage of sulphur in the fifth stage preheater cyclone which helps the plant monitor conditions to ensure that the cyclone does not plug with material; and

- Basically the plant was not able to run all the oxygen tests for most of 2014 and hoped to finish the testing before the permit expired. Unfortunately, the problems experienced since February 10th 2015 have prevented the plant from completing the complete scope of testing.

We appreciate your assistance with this request. Please contact me at (352) 377-5822 or mlee@kooglerassociates.com if you have any questions regarding this request.

Best regards,

A handwritten signature in blue ink, appearing to be 'MRL', is positioned above the typed name.

Maxwell R. Lee, Ph.D., P.E.,
KOOGLER AND ASSOCIATES, INC.

cc: Charles Walz, CEMEX (charles.walz@cemex.com)
Tammy Reed, Koogler and Associates, Inc. (treed@kooglerassociates.com)