Memorandum

Florida Department of
Environmental Protection

TO:	Trina Vielhauer
THROUGH:	Jon Holtom
FROM:	Teresa Heron
DATE:	May 25, 2011
SUBJECT:	CEMEX Brooksville Cement Plant DEP File No. 0530021-033-AC (PSD-FL-351D) South Brooksville Cement Plant – Kiln 2 Production Rate Increase

This project is subject to minor source preconstruction review. The original project to construct the new Cement Line 2 triggered the PSD requirements and the project went through a PSD preconstruction review. The requested production increase to recognize the full installed capacity of the kiln and the minor equipment reconfiguration of the raw mill do not result in any significant emissions increases. Line 2 began operation on November 28, 2008 and initial and annual performance testing has been conducted.

Attached for your review are the following items:

- Written Notice of Intent to Issue Air Permit;
- Public Notice of Intent to Issue Air Permit;
- Technical Evaluation and Preliminary Determination;
- Draft Permit (letter) Modification; and
- P.E. Certification.

The present request is to increase the permitted capacity of Line 2 from 2,800 tons per day (TPD) to 3,500 TPD; an increase of 25 percent (%). Although presently restricted by the permit to 2,800 TPD, the plant was constructed with a daily nominal capacity of 3,000 TPD based on an hourly permitted capacity of 125 tons per hour (TPH). Therefore the requested final daily production limit represents only a 16.7% increase beyond the "nominal capacity" of the kiln.

CEMEX South Brooksville Cement Plant is located in Hernando County, Florida. The Technical Evaluation and Preliminary Determination document provides a detailed description of the project and the rationale for issuance. The P.E. certification briefly summarizes the proposed project.

We recommend your approval of the attached Draft Permit.

Attachments