

Transmittal memo

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MAR 18 2004

Air Quality  
Management Division

**Tarmac**



A Titan America Business

455 Fairway Drive  
Deerfield Beach, FL 33441  
Environmental Department  
Direct line 954.425.4165  
Direct fax 954.480.9352

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To Claire Jordahl - DERM

Date 16 Mar 2004

From Scott Quaas

Ref Pennsuco Cement

Tel no. (954) 425-4165

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Please find enclosed a copy of the "Flow Diagram" from the PK5 Construction Permit Revision Application; as discussed it shows the PMCD changes that the application addresses. Additionally, I have enclosed a photo of the new plant with labels of the major system components. Let me know if you need anything further.

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**Confidential information**

Privileged information may be contained in this transmittal memorandum which is intended for the addressee only. If you are not the addressee, please do not copy or deliver this to anyone else.

AREA: 311 / 321 — RAW MILL FEED & GRINDING

AREA: 341 / 351 — BLENDING & KILN FEED

AREA: 241 / 461 — COAL MILL

AREA: 331 / 421 / 431 — PYROPROCESSING

AREA: 441 / 471 / 481 — CLINKER HANDLING & STORAGE

*Kila Lake / raw mill*

*Addition of  
Stress sites?*

*Raw Mill  
Building*

*7004 water  
Raw mill  
no dust*

*7004 phs/y*

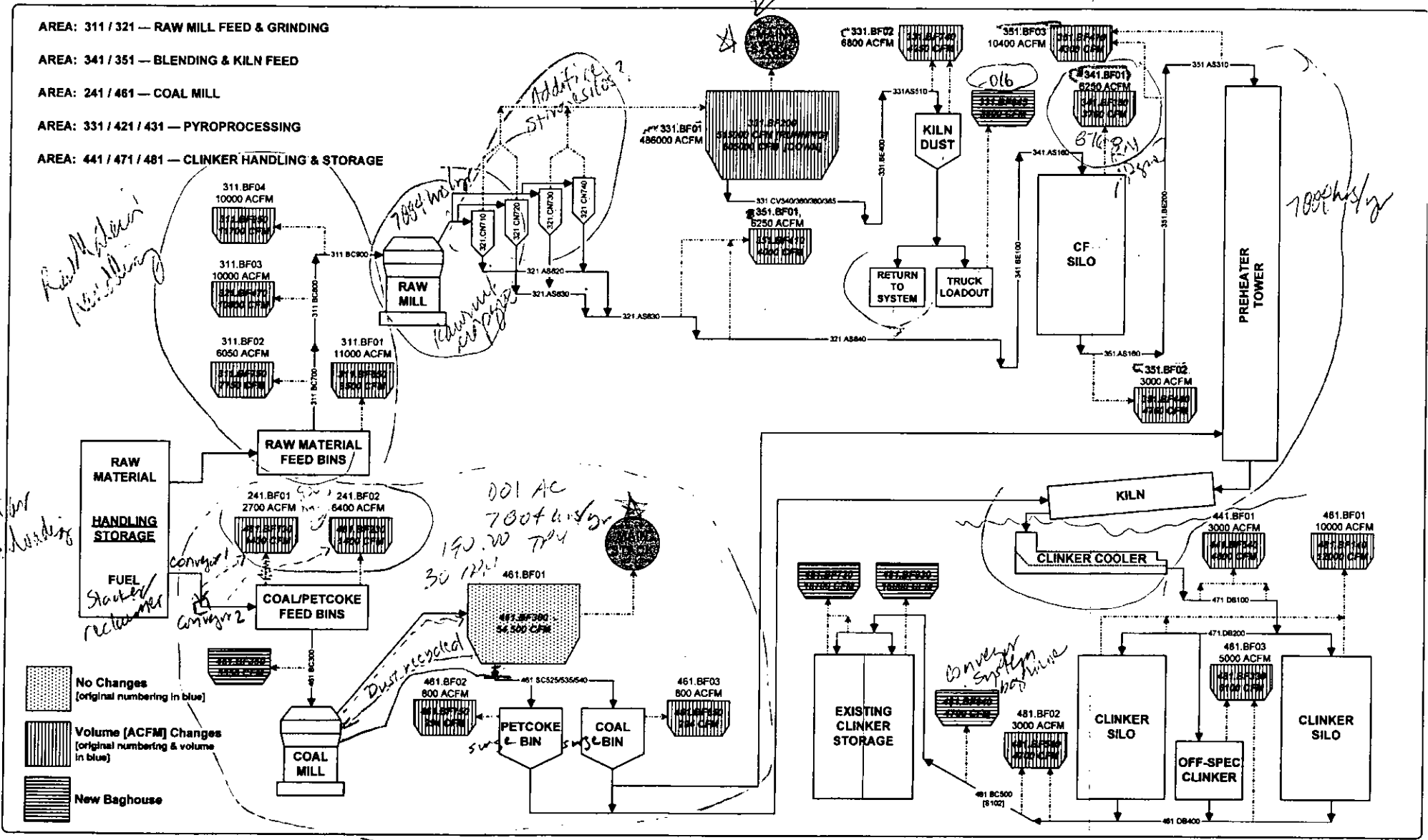
*Raw Mill  
Building*

*001 AC  
7004 water  
190.00 TPD  
30 PPH*

*Dust recycled*

*Conveyer  
system  
change*

- No Changes (original numbering in blue)
- Volume [ACFM] Changes (original numbering & volume in blue)
- New Baghouse



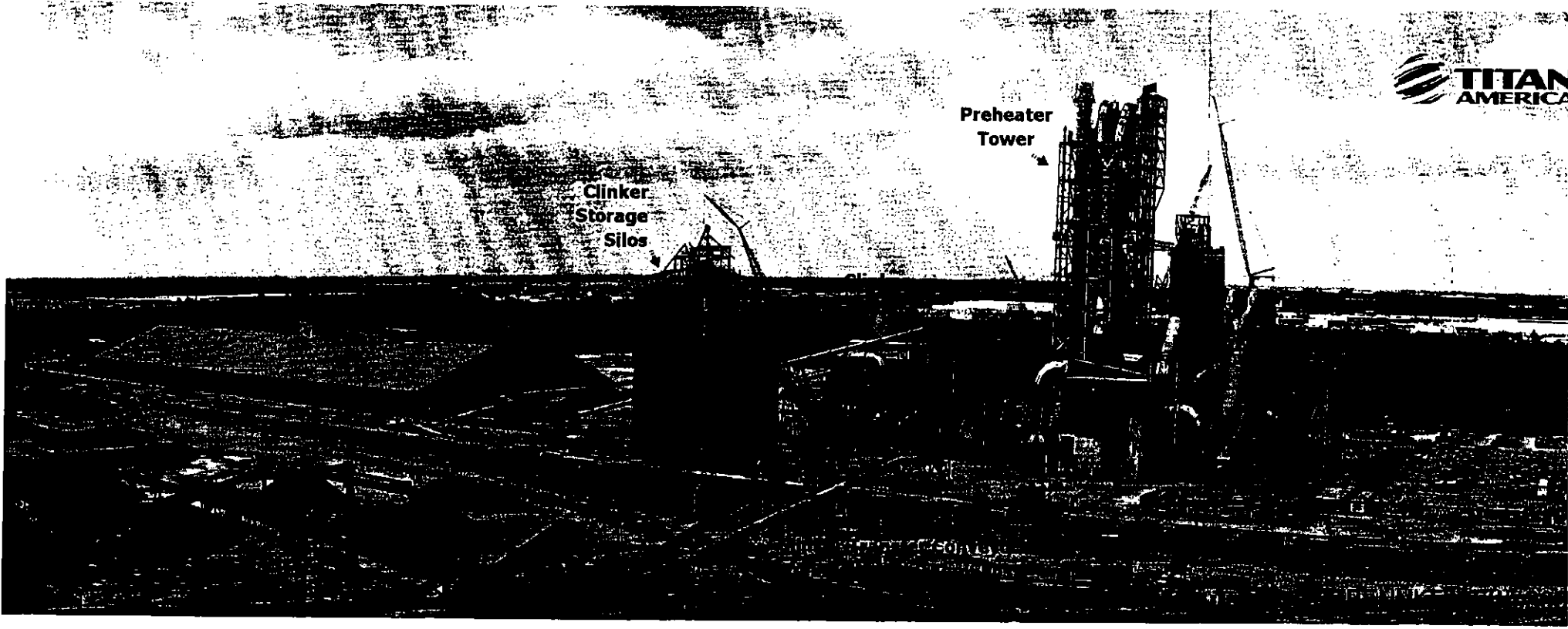
DESCRIPTION	TITLE: PENNSUCO - PK6	 A Titan America Business
	FILENAME: CEM-PKS-FLOWDIAGRAM-CHANGES.VSD	
	LAST REVISION DATE: 2/27/2004	






*TA-FI-C2*

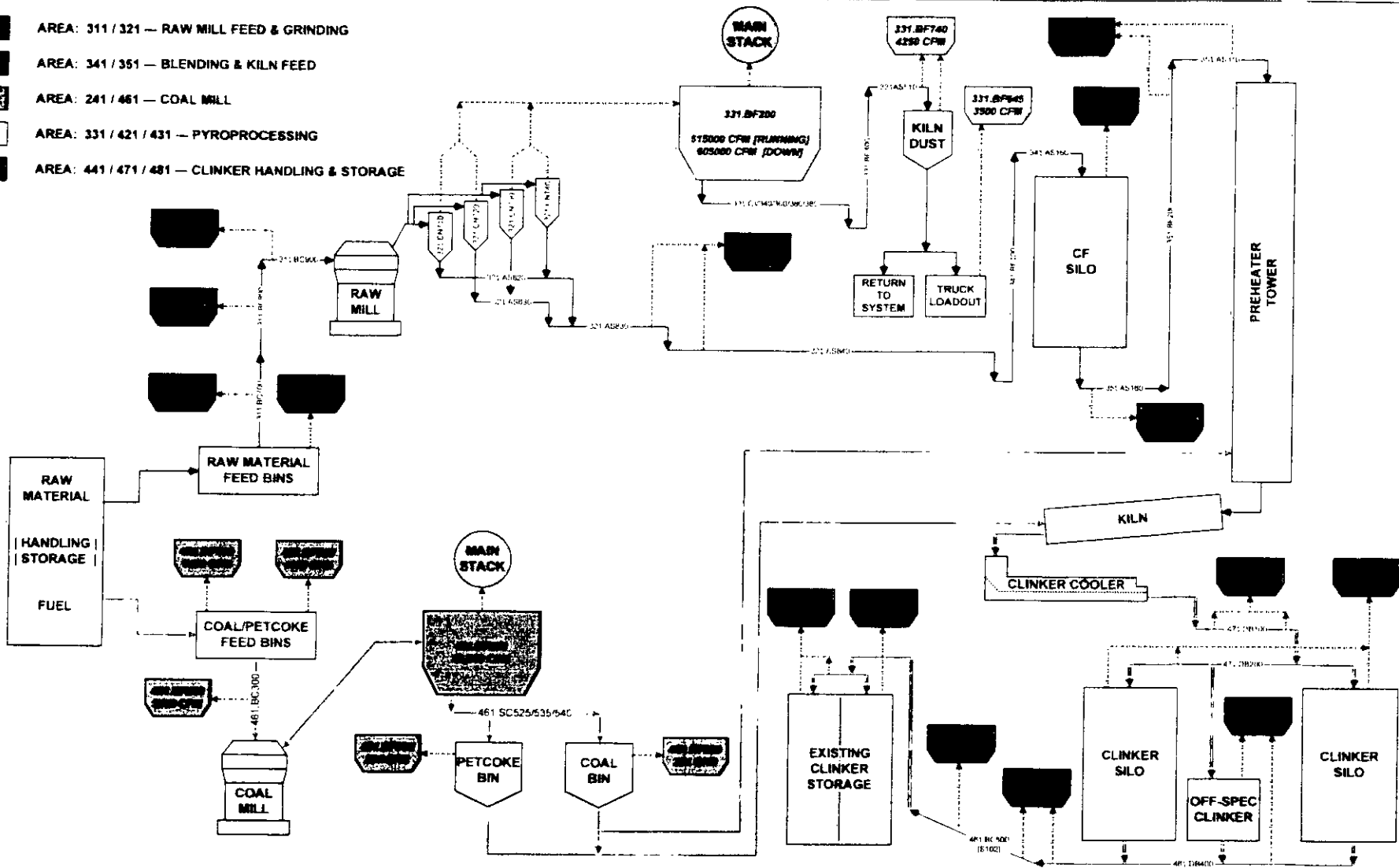


Preheater  
Tower

Clinker  
Storage  
Silos



-  AREA: 311 / 321 — RAW MILL FEED & GRINDING
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-  AREA: 441 / 471 / 481 — CLINKER HANDLING & STORAGE



DESCRIPTION

**FLOW DIAGRAM**

TITLE: PENNSUCO - PKS  
 FILENAME: DEM-PKS-FLOWDIAGRAM VSD  
 LAST REVISION DATE: 3/11/2004



VIA AIRBORNE EXPRESS

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MAR 04 2004

Air Quality  
Management Division

3 March 2004

Ms. Mallika Muthiah  
Air Quality Management Division  
Miami-Dade Environmental Resources Management  
33 SW 2<sup>nd</sup> Avenue – Suite 900  
Miami, Florida 33130-1540

RE: **Pennsuco Cement**  
**Miami-Dade County – AP**  
**Air Construction Permit 0250020-010-AC**

Dear Ms. Muthiah:

Please find enclosed two (2) original copies of an application to modify Air Construction Permit 0250020-010-AC for the new cement plant. The application is to reflect the final engineering and actual equipment to be installed. It also is to allow retention of existing Finish Mills Nos. 1 & 2 as replacement for proposed Finish Mill No. 6 [Finish Mill No. 6 will not be installed]. Additionally, the application includes replacing the existing cement separator for Finish Mill No. 3 with a new O-Sepa separator. A revised PSD applicability analysis was completed and shows the net change in emissions of all PSD regulated pollutants is below PSD significant emission rates.

I look forward to providing any additional information you may need to expedite the review of the enclosed application. Should you have any questions or need clarification please call me at the number above.

Sincerely,



Scott Quaas  
Environmental Manager  
Environmental Services—Florida Business

cc: A. Townsend  
D. Buff – Golder Associates

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MAR 08 2004

BUREAU OF AIR REGULATION