

Friday, Barbara

9/7/07

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**From:** Laryea, Nicholas [NicholasLaryea@cogentrix.com]  
**To:** Friday, Barbara  
**Sent:** Friday, September 07, 2007 9:19 PM  
**Subject:** Read: FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

Your message

To: NicholasLaryea@Cogentrix.com  
Subject:

was read on 9/7/2007 9:19 PM.

**Friday, Barbara**

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**To:** GaryWiller@cogentrix.com; Laryea, Nicholas; Hoefert, Lee; 'dbuff@golder.com';  
'forney.kathleen@epa.gov'; little.james@epa.gov  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant  
**Attachments:** 0850102-014ACFinalPermit.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

9/7/2007

## Friday, Barbara

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**From:** System Administrator  
**To:** Adams, Patty; Cascio, Tom; Harvey, Mary  
**Sent:** Friday, September 07, 2007 11:40 AM  
**Subject:** Delivered:FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

### Your message

**To:** 'GaryWillier@cogentrix.com'; 'Laryea, Nicholas'; Hoefert, Lee; 'dbuff@golder.com'; 'forney.kathleen@epa.gov'; 'little.james@epa.gov'  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant  
**Sent:** 9/7/2007 11:39 AM

was delivered to the following recipient(s):

Adams, Patty on 9/7/2007 11:39 AM  
Cascio, Tom on 9/7/2007 11:39 AM  
Harvey, Mary on 9/7/2007 11:39 AM

## Friday, Barbara

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**From:** System Administrator  
**To:** Hoefert, Lee  
**Sent:** Friday, September 07, 2007 11:40 AM  
**Subject:** Delivered:FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

### Your message

**To:** 'GaryWiller@cogentrix.com'; 'Laryea, Nicholas'; Hoefert, Lee; 'dbuff@golder.com'; 'forney.kathleen@epa.gov'; 'little.james@epa.gov'  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant  
**Sent:** 9/7/2007 11:39 AM

was delivered to the following recipient(s):

Hoefert, Lee on 9/7/2007 11:39 AM

## Friday, Barbara

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**From:** Buff, Dave [DBuff@GOLDER.com]  
**To:** undisclosed-recipients  
**Sent:** Friday, September 07, 2007 11:43 AM  
**Subject:** Read: FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

Your message

To: DBuff@GOLDER.com  
Subject:

was read on 9/7/2007 11:43 AM.

## Friday, Barbara

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**From:** Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]  
**Sent:** Friday, September 07, 2007 11:24 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt  
(692 B)

Message  
Headers.txt (2 KB)

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<forney.kathleen@epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK,  
sent 46E16D1D\_3541\_115029\_5

<little.james@epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent  
46E16D1D\_3541\_115029\_5

## Friday, Barbara

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**From:** Exchange Administrator  
**Sent:** Friday, September 07, 2007 11:52 AM  
**To:** Friday, Barbara  
**Subject:** Delivery Status Notification (Relay)

**Attachments:** ATT264528.txt; FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant



ATT264528.txt  
(378 B)



FINAL AC Permit  
No.: 0850102-0...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

GaryWiller@cogentrix.com  
NicholasLaryea@Cogentrix.com

## Friday, Barbara

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**From:** Hoefert, Lee  
**To:** Friday, Barbara  
**Sent:** Friday, September 07, 2007 11:53 AM  
**Subject:** Read: FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

### Your message

**To:** 'GaryWiller@cogentrix.com'; 'Laryea, Nicholas'; Hoefert, Lee; 'dbuff@golder.com'; 'forney.kathleen@epa.gov'; 'little.james@epa.gov'  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant  
**Sent:** 9/7/2007 11:39 AM

was read on 9/7/2007 11:53 AM.



## Friday, Barbara

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**From:** Hoefert, Lee  
**Sent:** Friday, September 07, 2007 11:53 AM  
**To:** Friday, Barbara  
**Subject:** RE: FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

Lee C. Hoefert, P.E.  
Air Program Administrator  
Florida Department of Environmental Protection  
Southeast District  
400 N. Congress Ave., Suite 200  
West Palm Beach, FL 33401  
561-681-6626(Phone), 561-681-6790(Fax)

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**From:** Friday, Barbara  
**Sent:** Friday, September 07, 2007 11:39 AM  
**To:** 'GaryWillier@cogentrix.com'; 'Laryea, Nicholas'; Hoefert, Lee; 'dbuff@golder.com'; 'forney.kathleen@epa.gov'; 'little.james@epa.gov'  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

Dear Sir/Madam:

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The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

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Thank you,

DEP, Bureau of Air Regulation

9/7/2007

## Friday, Barbara

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**From:** Cascio, Tom  
**To:** Friday, Barbara  
**Sent:** Friday, September 07, 2007 11:59 AM  
**Subject:** Read: FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant

### Your message

**To:** 'GaryWiller@cogentrix.com'; 'Laryea, Nicholas'; Hoefert, Lee; 'dbuff@golder.com'; 'forney.kathleen@epa.gov'; 'little.james@epa.gov'  
**Cc:** Cascio, Tom; Adams, Patty; Harvey, Mary  
**Subject:** FINAL AC Permit No.: 0850102-014-AC - Indiantown Cogeneration Plant  
**Sent:** 9/7/2007 11:39 AM

was read on 9/7/2007 11:59 AM.

## Friday, Barbara

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**From:** Mail Delivery System [MAILER-DAEMON@mx3.golder.com]  
**Sent:** Friday, September 07, 2007 11:39 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt  
(449 B)



Message  
Headers.txt (2 KB)

This is the mail system at host mx3.golder.com.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<dbuff@golder.com>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent  
46E1708E\_1020\_51\_1

## MEMORANDUM

To: Joseph Kahn

From: *ceay* Trina L. Vielhauer

Subject: Indiantown Cogeneration Plant  
Air Construction Permit Modification No. 0850102-014-AC

Date: September 6, 2007

Attached is the final air construction permit modification for the subject facility. This permit modification makes some minor revisions to Air Construction Permit No. 0850102-009-AC that authorized the installation of a railcar lime unloading system as an integral part of the Lime Handling System at the Indiantown Cogeneration Plant.

The Department distributed an "Intent to Issue Permit Modification" package on August 3, 2007. The applicant published the "Public Notice of Intent to Issue Permit Modification" in the Stuart News on August 14, 2007. No petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed. No comments were received from the applicant, EPA Region 4, or the public at large on the Intent to Issue the Air Construction Permit Modification package.

I recommend your signature.



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

September 7, 2007

*Electronically Sent – Received Receipt Requested*

[GaryWiller@Cogentrix.com](mailto:GaryWiller@Cogentrix.com)

Mr. Gary E. Willer, General Manager  
Indiantown Cogeneration, L.P.  
P.O. Box 1799  
13303 SW Silver Fox Lane  
Indiantown, Florida 34956

Re: DEP File No. 0850102-014-AC  
Indiantown Cogeneration Plant  
Railcar Lime Unloading System

Dear Mr. Willer:

The Florida Department of Environmental Protection has reviewed your application to make some minor modifications to Air Construction Permit No. 0850102-009-AC that authorized the installation of a railcar lime unloading system as an integral part of the Lime Handling System at the Indiantown Cogeneration Plant. This Air Construction Permit Modification (0850102-014-AC) revises the language of certain specific conditions of the previously issued permit. Specifically, this permit modification: (1) corrects the description of the surge hopper emissions control device; and (2) removes the requirement for initial particulate matter (PM) emissions testing for the emissions control devices of the railcar lime unloading system. There are no air pollution emissions increases associated with this permit modification. The current air construction permit for the railcar unloading system has not yet expired. Therefore, the changes requested will be addressed as an air construction permit modification.

## MODIFICATIONS TO AIR CONSTRUCTION PERMIT NO. 0850102-009-AC

Certain specific conditions in Air Construction Permit No. 0850102-009-AC are hereby modified as shown below.

Double-underline denotes additions and ~~strikethrough~~ indicates deletions.

Specific Conditions 2, 3, 4, 6 and 11 are modified as follows:

- Railcar Lime Unloading System: This permit authorizes the construction activities necessary to add a railcar lime unloading system to ARMS Emissions Unit 006. In general, the equipment consists of a system that allows the unloading of the gravity flow-type railcars through a dilute phase, combination vacuum and pressure pneumatic transfer system at a rate of 25 tons per hour (TPH) of lime. It is estimated that it will take approximately 4 hours to unload a 100-ton railcar.

The modified Lime Handling System includes an existing lime silo bin vent filter baghouse, a new filter receiver baghouse, and a new surge hopper ~~baghouse~~ cartridge filter.  
[Applicant request.]

3. Visible Emissions (VE): Visible emissions from ~~each of the three lime handling system baghouses~~ the two lime handling system baghouses and the cartridge filter shall not exceed 5% opacity. [Rule 62-297.620(4), Florida Administrative Code (F.A.C.)]
4. Particulate Matter (PM): Particulate matter emissions from each bag filter and the cartridge filter exhaust of the lime handling system shall be limited to 0.010 grains per actual cubic foot. [PSD-FL-168, Specific Condition No. 11; and Applicant request.]
6. Initial Compliance Tests: Each unit shall be tested to demonstrate initial compliance with the ~~VE and PM emissions~~ standards specified in this permit. The initial tests shall be conducted within 60 days after completing construction of the project and achieving maximum production capacity, but not later than 180 days after initial operation of the unit with the railcar lime unloading system. [Rule 62-297.310(7)(a)1., F.A.C.]
11. Particulate Matter: ~~EPA Method 5~~ A VE test using EPA Method 9 shall be used to determine initial compliance with the particulate matter emissions limitation specified in Specific Condition 4. Thereafter, the annual VE test shall serve as a surrogate for the PM emissions test. [PSD-FL-168, Specific Condition No. 19.; and Rule 62-297.620(4), F.A.C.]

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Joseph Kahn, Director  
Division of Air Resource Management

