



# 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

May 6, 2010

*Electronically Sent – Received Receipt Requested*

Mr. Ralph E. Randall, Plant Manager  
Hardee Power Partners Limited  
6695 North County Road 663  
Bowling Green, FL 33834-6817

Re: Project No. 0490015-014-AC  
Letter Authorization for Tuning Unit CT-2B  
Hardee Power Station

Dear Mr. Randall:

On May 6, 2010, the Department reviewed a request from Dennis Powell, Technical Analyst, on behalf of the Hardee Power Station for authorization of excess emissions while conducting tuning of the lean-premix combustion system on combustion turbine Unit 2B. The unit has completed a “hot gas path” inspection and a tuning session is then typically performed to adjust emissions. The tuning session was attempted on May 5<sup>th</sup> and is now preliminarily scheduled for May 6<sup>th</sup> and 7<sup>th</sup>. The tuning session is expected to last approximately 5 hours. During a tuning session, the unit is typically stepped through the various stages of lean pre-mix combustion while collecting emissions and operational data. The combustion system is then adjusted and the unit is stepped back through the lean pre-mix stages. This may be repeated several times if necessary. Tuning generally results in lower emissions of nitrogen oxides and optimized emissions of carbon monoxide. Therefore, the Department authorizes excess emissions due to tuning the combustion system, provided:

- The operator adheres to best operational practices to minimize emissions;
- The operator minimizes the duration of excess emissions, which shall not exceed a total of 15 hours related to the tuning session;
- The owner or operator notifies the Department’s Southwest District Office of the schedule for conducting the tuning session; and
- Within 45 days of completing the tuning session, the owner or operator submits a report summarizing the hourly nitrogen oxides emissions for the tuning session.

Nothing in this action waves any federal requirements of the applicable New Source Performance Standards (NSPS) for this unit. Please submit an application to revise your Title V air permit to include a provision for tuning.

The Department will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, of the Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, MS #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice. Petitions filed by any other person must be filed within fourteen days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

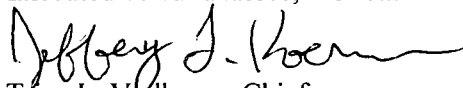
A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a Notice of Appeal, under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, 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 of Appeal must be filed within thirty days from the date this notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

FWS

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this authorization was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 5/6/10 to the persons listed below.

Mr. Ralph E. Randall, Hardee Power Station (rrandall@inenergyllc.com)  
Mr. Dennis Powell, Hardee Power Station (dpowell@inenergyllc.com)  
Ms. Danielle Henry, DEP Southwest District Office (danielle.d.henry@dep.state.fl.us)  
Ms. Nancy Knight, DEP Southwest District Office (nancy.knight@dep.state.fl.us)  
Mr. Nedin Bahtic, DEP Southwest District Office (nedin.bahtic@dep.state.fl.us)  
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Paulina J. Friday 5/6/10  
(Clerk) (Date)

**Friday, Barbara**

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**To:** Ralph Randall  
**Cc:** Dennis Powell; Knight, Nancy; nedin.bahtic@dep.state.fl.us; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B  
**Attachments:** RalphRandallLetterAuthorizationforTuningUnitCT-2B.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, *noting that you can view the documents*, 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>> .

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Thank you,

Barbara Friday  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

**Friday, Barbara**

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**From:** Microsoft Exchange  
**To:** Ralph Randall; Dennis Powell  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**Subject:** Relayed: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

**Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:**

Ralph Randall

Dennis Powell

Subject: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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Sent by Microsoft Exchange Server 2007

## Friday, Barbara

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**From:** Randall, Ralph [RRandall@invenergyllc.com]  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 3:03 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 3:02:45 PM (GMT-05:00) Eastern Time (US & Canada).

## Friday, Barbara

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**From:** Randall, Ralph [RRandall@invenergyllc.com]  
**Sent:** Thursday, May 06, 2010 3:08 PM  
**To:** Friday, Barbara  
**Cc:** Powell, Dennis  
**Subject:** RE: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

Thank you we can view the documents.

Ralph Randall  
Plant Manager  
Hardee Power Station  
813-630-6562  
[rrandall@invenergyllc.com](mailto:rrandall@invenergyllc.com)

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**From:** Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**To:** Randall, Ralph  
**Cc:** Powell, Dennis; Knight, Nancy; Bahtic, Nedin; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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Thank you,

Barbara Friday  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

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## Friday, Barbara

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**From:** Powell, Dennis [DPowell@invenergyllc.com]  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 3:31 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 3:30:42 PM (GMT-05:00) Eastern Time (US & Canada).

## Friday, Barbara

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**From:** Powell, Dennis [DPowell@invenergyllc.com]  
**Sent:** Thursday, May 06, 2010 3:35 PM  
**To:** Friday, Barbara  
**Subject:** RE: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

Thank you Ms. Friday.

Dennis Powell  
Technical Analyst  
Hardee Power Station  
863-375-3266 x 223  
[dpowell@invenergyllc.com](mailto:dpowell@invenergyllc.com)

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**From:** Friday, Barbara [<mailto:Barbara.Friday@dep.state.fl.us>]  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**To:** Randall, Ralph  
**Cc:** Powell, Dennis; Knight, Nancy; Bahtic, Nedin; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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**Friday, Barbara**

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**From:** Microsoft Exchange  
**To:** nedim.bahtic@dep.state.fl.us; Knight, Nancy; Livingston, Sylvia; Gibson, Victoria  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**Subject:** Delivered: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

**Your message has been delivered to the following recipients:**

[nedim.bahtic@dep.state.fl.us](mailto:nedim.bahtic@dep.state.fl.us)

[Knight, Nancy](#)

[Livingston, Sylvia](#)

[Gibson, Victoria](#)

**Subject:** Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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Sent by Microsoft Exchange Server 2007

## Friday, Barbara

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**From:** Bahtic, Nedin  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 2:51:16 PM (GMT-05:00) Eastern Time (US & Canada).

## Friday, Barbara

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**From:** Knight, Nancy  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 2:52 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
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Your message was read on Thursday, May 06, 2010 2:52:11 PM (GMT-05:00) Eastern Time (US & Canada).

## Friday, Barbara

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**From:** Livingston, Sylvia  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 4:14 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 4:13:53 PM (GMT-05:00) Eastern Time (US & Canada).

**Friday, Barbara**

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**From:** Microsoft Exchange  
**To:** Walker, Elizabeth (AIR); Koerner, Jeff  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**Subject:** Delivered: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

**Your message has been delivered to the following recipients:**

Walker, Elizabeth (AIR)

Koerner, Jeff

Subject: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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Sent by Microsoft Exchange Server 2007



## Friday, Barbara

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**From:** Koerner, Jeff  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 3:00 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 3:00:20 PM (GMT-05:00) Eastern Time (US & Canada).

## Friday, Barbara

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**From:** Koerner, Jeff  
**Sent:** Thursday, May 06, 2010 3:12 PM  
**To:** Friday, Barbara  
**Subject:** RE: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

Thanks much!

Jeff

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**From:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 2:51 PM  
**To:** Ralph Randall  
**Cc:** Dennis Powell; Knight, Nancy; Bahtic, Nedin; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC - Letter Authorization for Tuning Unit CT-2B

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**Friday, Barbara**

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**From:** Gibson, Victoria  
**To:** Friday, Barbara  
**Sent:** Thursday, May 06, 2010 2:58 PM  
**Subject:** Read: Hardee Power Partners Limited - Hardee Power Station - Project No.: 0490015-014-AC  
- Letter Authorization for Tuning Unit CT-2B

Your message was read on Thursday, May 06, 2010 2:57:38 PM (GMT-05:00) Eastern Time (US & Canada).