



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

(941) 479-8181

Writer's Direct Dial Number: _____

John E. Manning
District One

January 19, 2000

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

Mr. Joseph Kahn
Division of Air Regulations
Florida Department of Environmental Protection
2600 Blair Stone Rd.
Tallahassee, Fl. 32399

RECEIVED

JAN 24 2000

BUREAU OF AIR REGULATION

SUBJECT: Lee County PSD Permit FL-151B

Dear Mr. Kahn:

As per our telephone conversation of 1/18/00, the County is requesting that the language in the proposed revisions to PSD-FI-151B, be further revised as follows:

1. Revised Specific Condition 4.f; Delete "front end source separation" and insert "battery collection program".
2. Original Specific Condition 2.r; Delete this section entirely and replace with "In no case shall visible emissions from the ash handling building baghouse exceed 5% opacity."

Lee County uses source separation through an active household battery collection program. Every year, we deliver orange, zip-lock (1 gallon) "battery bags" to all single and multi family dwellings. Instructions for use are printed on each bag. Residents place their used dry cell batteries in the bags and place the bags out with their recycling bins. When a battery bag is collected, the recycling driver puts one or two new battery bags in the recycling bin for the resident. We typically collect about 14,000 pounds of batteries per year. For the last two years, these batteries have been recycled, and for the previous five years they were disposed at a permitted hazardous waste landfill.

The County also provides six household hazardous waste collections and four, business hazardous waste collections per year. At these events, generators bring mercury-containing devices to our contract disposal company for proper recycling or disposal. Information regarding these events is mailed directly to all businesses, quarterly, and to all households, annually. The events are also advertised on all media at the appropriate times.

The County is requesting the change to the ash building particulate matter emissions

CALJS DOCS\KAHN1-19.DOC

Mr. Joe Kahn
January 19, 2000
Page 2 of 2

requirement in accordance with Rule 62-297.620. Since the permit limit for this facility is less than ten tons per year, and annual tests have shown actual emissions to be less than 0.5 tons per year, it is appropriate to use only the visible emissions test. The visible emissions limit will remain at 5% opacity.

We understand that you will issue a final draft copy of all of the PSD revisions within the next few days.

If you have any questions, please call me at the above number.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT



Lindsey J. Sampson, P.E., Director
Solid Waste Division

LJS:

cc: T. Eriksen
B. Bigarri
D. Dee

cc: EPA
NPS
B. OVEN
SD

INTEROFFICE MEMORANDUM

Date: 24-Jan-2000 08:33am
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: Lindsey Sampson (SAMPSONJ@leegov.com)

Subject: Re: VE In Lieu of Stack Test

Lindsey,

Our PSD permit modification will be the language used for the conditions in the certification modification, and the recycling facility and yard waste area will not affect the PSD conditions in any way, so there is no need to wait for those to be completed. I will finalize the revised draft ASAP so it should go out to you this week. I will copy Ross Pollock in the Title V section so that he can revise the draft Title V permit to conform to the new language.

-Joe

INTEROFFICE MEMORANDUM

Date: 21-Jan-2000 03:42pm
From: Lindsey Sampson
SAMPSONJ@leegov.com
Dept:
Tel No:

To: Joseph.Kahn (Joseph.Kahn@dep.state.fl.us)
CC: ddee (ddee@landersandparsons.com)

Subject: Re: VE In Lieu of Stack Test

Joe

Sorry for the delay in my response.

Your proposed language looks OK. I understand your clarifications and that makes sense. I just wasn't looking as closely as is sometimes required.

I think we're ready for the final draft, and I will re publish upon receipt of your notice of intent.

Question? Should we wait for any final changes to the Conditions of Certification regarding the recycling facility and the yard waste processing area?

Lindsey J. Sampson

>>> Joseph Kahn TAL 850/921-9519 <Joseph.Kahn@dep.state.fl.us> 01/20/00 08:29AM >>>
Lindsey,

I received the fax of your January 19th letter and I need to clarify one item. Your request was to eliminate the PM limit for the ash building baghouse. Rule 62-297.620(4), F.A.C., specifies that the PM compliance test is waived as long as the alternate VE limit is imposed, but it does not eliminate the PM emission limit. In fact, the rule states that if the Department has reason to believe that the PM limit is not being met, it shall require a PM test. So I do not have authority under that rule to delete the PM limit of condition 2.r. What I can do instead, which has the same practical effect, is to make another change to condition 3.c., as follows:

"The sixth sentence of this condition, "Compliance testing for the flyash handling building (baghouse) and the lime silo loading operation (V.E. test) shall be conducted within 120 days of completion of construction and annually thereafter.", shall be replaced entirely by the following:

Compliance testing for particulate matter emissions from the ash handling building baghouse is waived, and an alternative standard of 5% opacity is imposed, pursuant to Rule 62-297.620(4), F.A.C. If the Department has reason to believe that the particulate weight emission standard is not being met, it shall require that compliance be demonstrated using EPA Method 5. Compliance testing for visible emissions from the ash handling building baghouse and the lime silo baghouse shall be conducted annually.
[Rules 62-4.070(3) and 62-297.620(4), F.A.C., and request of the applicant]"

This should satisfy your request.

I have also made the change to condition 4.f. so it now reads, "Lee County shall minimize emissions of mercury through a battery collection program."

These changes should address all of the issues. Let me know if you have any comments or questions. After I hear from you I will put together the new intent and public notice for the revised draft and get it signed and mailed out.

-Joe

INTEROFFICE MEMORANDUM

Date: 20-Jan-2000 08:29am
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: SAMPSOLJ@leegov.com

Subject: VE In Lieu of Stack Test

Lindsey,

I received the fax of your January 19th letter and I need to clarify one item. Your request was to eliminate the PM limit for the ash building baghouse. Rule 62-297.620(4), F.A.C., specifies that the PM compliance test is waived as long as the alternate VE limit is imposed, but it does not eliminate the PM emission limit. In fact, the rule states that if the Department has reason to believe that the PM limit is not being met, it shall require a PM test. So I do not have authority under that rule to delete the PM limit of condition 2.r. What I can do instead, which has the same practical effect, is to make another change to condition 3.c., as follows:

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[Rules 62-4.070(3) and 62-297.620(4), F.A.C., and request of the applicant]"

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I have also made the change to condition 4.f. so it now reads, "Lee County shall minimize emissions of mercury through a battery collection program."

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-Joe



LEE COUNTY

LEE COUNTY PUBLIC WORKS

SOLID WASTE DIVISION

Phone: 941-479-8181

FACSIMILE

Fax: 941-479-8119

1500 Monroe Street

Fort Myers, FL 33901

DATE: 1/19/00

TO: Joe Kahn

FROM: Rindy/Sampson

FAX #: 850 - 922 6979

Number of pages including cover: 3

Hard copy to follow: N (Y)

MESSAGE: For Your Review

Rindy

Please contact this office immediately if transmittal is not received properly.
Thank You.



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

(941) 479-8181

Writer's Direct Dial Number: _____

John F. Manning
District One

January 19, 2000

Douglas R. St. Cery
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John E. Albion
District Five

Donald D. Stilwell
County Manager

James C. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

Mr. Joseph Kahn
Division of Air Regulations
Florida Department of Environmental Protection
2600 Blair Stone Rd.
Tallahassee, FL 32399

SUBJECT: Lee County PSD Permit FL-151B

Dear Mr. Kahn:

As per our telephone conversation of 1/18/00, the County is requesting that the language in the proposed revisions to PSD-FL-151B, be further revised as follows:

1. Revised Specific Condition 4.f; Delete "front end source separation" and insert "battery collection program".
2. Original Specific Condition 2.r; Delete this section entirely and replace with "In no case shall visible emissions from the ash handling building baghouse exceed 5% opacity."

Lee County uses source separation through an active household battery collection program. Every year, we deliver orange, zip-lock (1 gallon) "battery bags" to all single and multi family dwellings. Instructions for use are printed on each bag. Residents place their used dry cell batteries in the bags and place the bags out with their recycling bins. When a battery bag is collected, the recycling driver puts one or two new battery bags in the recycling bin for the resident. We typically collect about 14,000 pounds of batteries per year. For the last two years, these batteries have been recycled, and for the previous five years they were disposed at a permitted hazardous waste landfill.

The County also provides six household hazardous waste collections and four, business hazardous waste collections per year. At these events, generators bring mercury-containing devices to our contract disposal company for proper recycling or disposal. Information regarding these events is mailed directly to all businesses, quarterly, and to all households, annually. The events are also advertised on all media at the appropriate times.

The County is requesting the change to the ash building particulate matter emissions

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Mr. Joe Kahn
January 19, 2000
Page 2 of 2

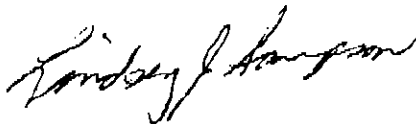
requirement in accordance with Rule 62-297.620. Since the permit limit for this facility is less than ten tons per year, and annual tests have shown actual emissions to be less than 0.5 tons per year, it is appropriate to use only the visible emissions test. The visible emissions limit will remain at 5% opacity.

We understand that you will issue a final draft copy of all of the PSD revisions within the next few days.

If you have any questions, please call me at the above number.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT



Lindsey J. Sampson, P.E., Director
Solid Waste Division

LJS:

cc: T. Eriksen
B. Bigarri
D. Dee



LEE COUNTY

LEE COUNTY PUBLIC WORKS

Solid Waste Division

FACSIMILE

PHONE: 941-479-8181

FAX: 941-479-8119

1500 Monroe Street

Third Floor

Fort Myers, FL 33901

DATE: Tuesday, January 18, 2000

TO: *Joe Kahn*

FROM: *Lindsay J. Sampson*

FAX: *850-922 6979*

OF PAGES INCLUDING COVER: 3

MESSAGE: *Joe*

I will formalize

in a letter.

Lindsay

Please contact this office immediately if transmittal is not received properly.
Thank You.

From: Joseph Kahn TAL 850/921-9519 <Joseph.Kahn@dep.state.fl.us>
To: <SAMPOLJ@leegov.com>
Date: 1/18/00 7:36AM
Subject: Comment Regarding Condition 4.f.

Lindsey,

I received your message regarding your concern about the language of condition 4.f. regarding minimizing mercury emissions through front end source separation. The language of this condition was an attempt to update the previous condition's requirement: "The County shall establish a household battery collection program to be specified by the applicant prior to start of construction, to further minimize mercury emissions." I intended "front end source separation" to be readily recognized as a collection program designed to keep batteries and other mercury containing devices out of the waste that gets collected for incineration. Please advise how the county complies with the previous permit requirement and let me know if you have any other programs to keep mercury containing devices out of the general waste stream, so I can make the new condition more specific. Thanks.

-Joe

1-18-00

Joe,

The problem with the proposed language is due to the fact that some people have proposed that mass burn facilities hand pick through the garbage to retrieve any or all items that they believe should not be burned. We are therefore nervous by the term "front-end" . . . "separation".

Lee County uses "source separation"; that is we have an active household battery collection campaign. Every year we deliver orange zip-tied (1 gallon) "battery" bags to all single & multi-family residences. The bags have instructions for use printed on the bags. Residents use the bags &

put out for pick up with their recycling. When a battery bag is picked-up, the recycling driver puts 1 or 2 more empty bags in the recycling bin. We typically collect 14,000⁺ pounds per year. Of course, now the primary benefit is separating cadmium, not mercury, since batteries contain almost no mercury.

We would ask that you delete
"front end source separation" & replace with
"battery collection program".

Thank you

Kristy J. Sampson

INTEROFFICE MEMORANDUM

Date: 18-Jan-2000 07:34am
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: SAMPOLJ@leegov.com

Subject: Comment Regarding Condition 4.f.

Lindsey,

I received your message regarding your concern about the language of condition 4.f. regarding minimizing mercury emissions through front end source separation. The language of this condition was an attempt to update the previous condition's requirement: "The County shall establish a household battery collection program to be specified by the applicant prior to start of construction, to further minimize mercury emissions." I intended "front end source separation" to be readily recognized as a collection program designed to keep batteries and other mercury containing devices out of the waste that gets collected for incineration. Please advise how the county complies with the previous permit requirement and let me know if you have any other programs to keep mercury containing devices out of the general waste stream, so I can make the new condition more specific. Thanks.

-Joe

INTEROFFICE MEMORANDUM

(Draft)

Date: 06-Jan-2000 04:15pm

From: Joseph Kahn TAL

Dept:

Te! No:

To: ddee

(ddee@landersandparsons.com)

Subject: Re: Lee PSD Permit

David,

I have attached the revised draft permit revision again (the second attachment). I've also attached another change to address your concerns about knowingly burning those items. This represents what Jan Rae thought was acceptable to the solid waste staff and is one of your suggestions. Let me know if this looks OK and if so I'll incorporate the changes into the revised draft. I too have not heard from Lindsey. Call me tomorrow morning at 921-9519 if you have questions or wish to discuss.

-Joe

4.f. Allowable Fuels. The only fuels allowed to be burned in the MWC units are solid wastes allowed by this permit, and natural gas and propane as auxiliary fuels. Other wastes shall not be burned without written prior approval from the Department. Lee County shall minimize emissions of mercury through front-end source separation and recycling programs. Chromium compounds shall not be used as an additive in the cooling tower water.

The primary fuel for the facility is municipal solid waste (MSW), including the items and materials that fit within the definition of MSW contained in either 40 CFR 60.51b or Section 403.706(5), Florida Statutes (1995).

Subject to the limitations contained in this permit, the authorized fuels for the facility also include the other solid wastes that are not MSW which are described below. However, the facility shall not burn:

- (a) those materials that are prohibited by state or federal law;
- (b) those materials that are prohibited by this permit;
- (c) lead acid batteries;
- (d) hazardous waste;
- (e) nuclear waste;
- (f) radioactive waste;
- (g) sewage sludge;
- (h) explosives-;

Further, the facility shall not knowingly burn:

- (i) nickel-cadmium batteries pursuant to Section 403.7192(3);
- (j) mercury containing devices and lamps pursuant to Sections 403.7186(2) & (3).

The fuel may be received either as a ...

[remaining unchanged text omitted for brevity]

INTEROFFICE MEMORANDUM

Date: 30-Dec-1999 11:47am
From: ddee
ddee@landersandparsons.com
Dept:
Tel No:

To: Joseph Kahn TAL 850/921-9519 (Joseph.Kahn@dep.state.fl.us)
CC: Lindsey Sampson (SAMPSONL@leegov.com)

Subject: Re: Lee PSD Permit

Joe,

For some reason, I could not open the new version of the permit. Can you re-send it to me or fax it? Thanks.

With regard to the batteries and mercury containing devices, the proposed language is unnecessary. Subparagraph (a) already prohibits the County from burning those things that are prohibited under state law, like mercury containing devices. If you feel compelled to include something, you could change the introductory sentence to the paragraph so that it says: "However, the facility shall not knowingly burn:" In the alternative, you could create a new sentence, following subparagraphs (a) - (j), that says: "The permittee shall not knowingly burn a mercury containing device or spent mercury containing lamp at the facility."

A close reading of Section 403.7192(3), F.S., indicates that it does not even apply to Lee County's operation of the resource recovery facility. The statute imposes requirements on those who use and then throw away certain batteries. The statute does not appear to create any new obligations for those who operate resource recovery facilities. The obligations only fall on those who use the batteries.

Call me if you have any questions.

David Dee

Joseph Kahn TAL 850/921-9519 wrote:

> David,
>
> I tried to reach you by phone and found you are out of the office until later
> this week. Perhaps you will get this and my previous e-mail messages before
> you return.
>
> I just spoke with Jan Rae Clark regarding your comments about the prohibition
> on ni-cad batteries and mercury containing devices. She reviewed your comments
> and said that the intent was to incorporate the provisions of the statutes,
> including the reference to "knowingly disposing" by reference to the specific
> statutes in the permit condition. It was not intended to be more broad or
> stringent. If you still are not comfortable with the way it is written, please
> send me some alternate language that I can have Jan Rae review. Thanks.
>
> -Joe

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 27-Dec-1999 04:20pm
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: ddee (ddee@landersandparsons.com)
CC: Lindsey Sampson (SAMPSOLJ@leegov.com)

Subject: Re: Lee PSD Permit

David,

I tried to reach you by phone and found you are out of the office until later this week. Perhaps you will get this and my previous e-mail messages before you return.

I just spoke with Jan Rae Clark regarding your comments about the prohibition on ni-cad batteries and mercury containing devices. She reviewed your comments and said that the intent was to incorporate the provisions of the statutes, including the reference to "knowingly disposing" by reference to the specific statutes in the permit condition. It was not intended to be more broad or stringent. If you still are not comfortable with the way it is written, please send me some alternate language that I can have Jan Rae review. Thanks.

-Joe

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 27-Dec-1999 02:39pm
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: ddee (ddee@landersandparsons.com)
CC: Lindsey Sampson (SAMPSONL@leegov.com)

Subject: Lee PSD Permit -- Tires

David and Lindsey,

I have changed the language in condition 4.f. regarding the percentage limitation on tires to address David's previous comments about testing and tires. The changes are shown in the attached Word document as strikethrough and underline. I omitted all unchanged text to make this as brief as possible. This does not address David's other comments regarding the batteries and mercury wastes. I am waiting on a response from Jan Rae Clark for that. Please review the attached and let me know if this will adequately resolve the issue for tires. Thanks.

-Joe

Specific condition 4.f. Restriction for Types of Wastes Combusted.

~~Subsequent to an initial test burn while firing 5% (by weight) tires at each of the combustion units while operating each unit at capacity, scheduled to allow Department representatives to observe, that demonstrates via the CEMS that each unit can comply with the emission limits for pollutants monitored by the CEMS, †~~This condition shall be replaced entirely by the following:

4.f. Allowable Fuels. The only fuels allowed to be burned in the MWC units are ...

... [unchanged text omitted for brevity]

Subject to the conditions and limitations contained in this permit, waste tires may be used as fuel at the facility. The total quantity of waste tires received as segregated loads and burned at the facility shall not exceed 3%, by weight, of the facility's total fuel, except as provided in the following sentence. Subsequent to an initial test burn scheduled to allow Department representatives to observe, while firing 5% (by weight) tires at each of the combustion units while operating each unit at capacity that demonstrates via the CEMS that each unit can comply with the emission limits for pollutants monitored by the CEMS while firing 5% (by weight) tires, this quantity limitation shall rise from 3% to 5%. Compliance with this limitation shall be determined on a calendar monthly basis.

... [unchanged text omitted for brevity]

Each day the total weight of segregated tires received shall be computed, and the daily total shall be added to the sum of the daily totals from the previous days in the current calendar month. At the end of each calendar month, the resultant monthly total weight of tires shall be divided by the total weight of all waste materials received in the same calendar month, and the resultant number shall be multiplied by 100 to express the ratio in percentage terms. The percentage computed shall be compared to the 3% or 5% limitation, whichever is applicable.

... [unchanged text omitted for brevity]

[Rule 62-4.070(3), F.A.C., PSD-FL-151, request of the applicant]

INTEROFFICE MEMORANDUM

(Draft)

Date: 27-Dec-1999 02:19pm
From: Joseph Kahn TAL
Dept:
Tel No:

To: Jan Rae Clark TAL (CLARK_JR)

Subject: FWD: Lee PSD Permit

Jan,

Attached are comments from David Dee regarding my Lee County revised draft. Please review his comments regarding the prohibition against ni-cad batteries and mercury containing devices and let me know if you and the hazardous waste folks have changes in response to his comments. I wrote him back and told him I would ask you to advise me on this.

FYI, the permit revision now reads:

"Subject to the limitations contained in this permit, the authorized fuels for the facility also include the other solid wastes that are not MSW which are described below.. However, the facility shall not burn:

- ...
- (d) nickel-cadmium batteries pursuant to Section 403.7192(3)
- (e) mercury containing devices and lamps pursuant to Sections 403.7186(2) & (3)
- ..."

Thanks.

-Joe

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 27-Dec-1999 02:11pm
From: Joseph Kahn TAL
KAHN_J
Dept: Air Resources Management
Tel No: 850/921-9519

To: ddee (ddee@landersandparsons.com)
CC: Lindsey Sampson (SAMP SOLJ@leegov.com)

Subject: Re: Lee PSD Permit

David,

I have reviewed your comments and see your point about passing the test and I'll take another stab at language. The new prohibitions come directly from the hazardous waste staff at Twin Towers and I'll pass your comments to them through Jan Rae Clark who gave me the language to include here. I'll ask them make any changes needed, and as soon as I hear from them I'll pass it on to you and Lindsey. Regarding the new notice, I believe a new notice is required because the changes made to the previous draft are fairly significant. In fact the public notice says that if comments result in a significant change the Department may require another public notice, which is consistent with what I have suggested.

Let me know if you have any questions. Otherwise, I'll send another draft as soon as possible.

-Joe

INTEROFFICE MEMORANDUM

Date: 23-Dec-1999 03:35pm
From: ddee
ddee@landersandparsons.com

Dept:
Tel No:

To: Joseph Kahn TAL 850/921-9519 (Joseph.Kahn@dep.state.fl.us)
CC: Lindsey Sampson (SAMPSOLJ@leegov.com)

Subject: Lee PSD Permit

Joe,

Thanks for making the change we discussed regarding 3 hours for excess emissions during malfunctions.

I have a few questions and comments regarding the rest of the revised draft PSD permit for the Lee facility

The way you have drafted section 4.f, dealing with the fuels for the facility, all of the changes are contingent upon Lee successfully passing a test burn with 5% tires. If Lee does not pass the test, none of the changes to the list of fuels will become effective. I believe it would be better to make all of the changes effective now, except for the change re 5% tires, which would become effective only if Lee passes the test burn and receives DEP concurrence.

You revised 4.f to prohibit the burning of ni-cad batteries and mercury containing devices. You base this prohibition on certain statutes that you have cited, but those statutes only prohibit someone from "knowingly" burning these materials. The draft permit would broaden the prohibition to include those who unknowingly and unintentionally burn such materials. This is a significant change because these materials may be in the mixed MSW in the refuse pit every day. As revised, the permit would expose the county to liability and enforcement actions (based on the language in the permit), even though there would be no violation under the state statutes that apply to all of the other WTE facilities in the state.

Please delete the two new prohibitions or word them differently to make them consistent with the statute.

Why is a new notice necessary? DEP oftentimes revises draft permits and makes the conditions less stringent, without publishing new notices. The standard DEP notice expressly states that the DEP's final agency action may be different than the proposed agency action. An additional notice now seems like an unnecessary burden and expense.

Thanks for your consideration of these comments. I have not carefully reviewed the other portions of the draft permit because I assume the County and its consultants will be responsible for that. Call me if you have any questions.

David Dee

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 22-Dec-1999 09:30am

From: Joseph Kahn TAL
KAHN_J

Dept: Air Resources Management

Tel No: 850/921-9519

To: Lindsey Sampson

(SAMPSONJ@leegov.com)

Subject: Re: Lee County PSD 151B

Lindsey,

I have incorporated almost all of your suggested changes which are shown in the attached document in red as strikethrough and underline. I made a minor change in the language of condition 4.a. ('specified' instead of 'defined'.) The previous changes that we agreed to are now shown as regular text. The only change we can't accommodate is your request for inclusion in condition 4.b. of "unless specifically authorized by the Department for longer duration." The Department is planning to revise this rule in the future to clarify that this authority is for changes that are specified during the permitting process, as opposed to longer duration authorized by compliance staff for each event. The rule does read this way now, but I'm reluctant to put it into this permit if it will be subject to change in the future. I discussed this with my bureau chief and he advised me to change the language to match the allowed excess emissions of the federal rule, which provides for 3 hours for startup, shutdown and malfunctions, so this is how it reads now. I spoke briefly with David Dee about this and he seemed comfortable with this change. Anyway, this is the only item remaining, so if it is acceptable to you let me know and I can issue a revised draft. Unfortunately, since we have relaxed some limitations of the previous draft permit, we will have to issue a revised draft and require another public notice. Please let me know if you have any questions.

-Joe

REVISED DRAFT

Certified Mail - Return Receipt Requested

Mr. Lindsey Sampson, P.E.
Deputy Director, Solid Waste
Lee County
PO Box 398
Ft. Myers, Florida 33902-0398

Re: Modification of Permit No. PSD-FL-151 and PSD-FL-151A
Lee County Resource Recovery Facility

The applicant applied on August 6, 1999 to the Department for a modification to PSD permits number PSD-FL-151 and PSD-FL-151A for its Lee County Resource Recovery Facility located at 10500 Buckingham Rd., Fort Myers, Lee County, 33905. The modification is to reduce testing requirements for certain pollutants with emissions that are well below limitations, consolidate testing for particulate matter emissions, revise certain requirements to conform to federal standards for municipal waste combustion facilities, allow for the use of natural gas as an auxiliary fuel, and revise the definition of allowable solid waste fuels. The Department has reviewed the modification request. The referenced permits are hereby modified as follows:

Specific condition 3.c. Testing Frequency.

The first through fourth sentences of this condition, starting with "Compliance with emission standards ..." and ending with "... approval of the Bureau of Air Regulation.", shall be replaced entirely by the following:

Compliance with the emission limitations of specific condition 2 of this permit shall be determined by annual emission testing, except that testing for arsenic, beryllium, fluoride, sulfuric acid mist, ammonia and VOC shall be performed prior to renewal of each operation permit. Testing of the MWC units for particulate matter ~~and visible emissions~~ shall be performed using three one-hour test runs so that two one-hour runs are conducted during normal operation and one one-hour run is conducted during soot blowing conditions.

Compliance for visible emissions shall be determined in accordance with Rule 62-297.310(4)(a), F.A.C.

[Rules 62-4.070(3), 62-297.310(4)(a), and 62-297.310(7)(a)3, F.A.C., and request of the applicant]

Specific condition 4.b. Operating Procedures.

The second paragraph of this condition shall be replaced entirely by the following:

The emission limitations for this facility shall apply at all times, except during periods of startup, shut down, or malfunctions, provided that the duration of startup, ~~and~~ shut and malfunction periods shall not exceed three hours per occurrence, ~~and the duration of excess emissions from~~

malfunctions shall not exceed two hours in any 24 hour period. The startup period commences when the affected facility begins the continuous burning of municipal solid waste and does not include any warm-up period when the affected facility is combusting natural gas or propane, and no municipal solid waste is being fed to the combustor. Continuous burning is the continuous, semi-continuous, or batch feeding of municipal solid waste for purposes of waste disposal, energy production, or providing heat to the combustion system in preparation for waste disposal or energy production. The use of municipal solid waste solely to provide thermal protection of the grate or hearth during the startup period when municipal solid waste is not being fed to the grate is not considered to be continuous burning. During all periods of startup, shut down and malfunction, the owner or operator shall use best operational practices to minimize air pollutant emissions. The owner or operator shall maintain a manual that identifies and describes best operational practices that will be used during periods of startup, shut down and malfunction at this facility.

[Rules 62-4.070(3), and 62-210.700(1) and (5), F.A.C., 40 CFR 60.38b and 40 CFR 60.58b(a), and request of the applicant]

Specific condition 3.a. Test Methods.

The table entry for Method 101A shall be replaced by Method 29. The table entry for Method 12 shall be replaced by Method 29. The table entry for EPA Method 25 shall be replaced by Method 25A to demonstrate compliance with VOC emissions. The table entries for EPA Methods 104 and 108 (beryllium and arsenic) shall each be replaced by EPA Method 29. The table entry for EPA Methods 7, 7C, or 19 shall be supplemented with Method 7E to demonstrate compliance with nitrogen oxides. The table entries for EPA Methods 201 and 201A shall be supplemented with Method 5 to demonstrate compliance with PM₁₀ emissions.

The table entry for "Visible emission determination of opacity." shall be replaced in its entirety by the following:

9 Visible emission determination of opacity.

- At least one (1), one hour run to be conducted simultaneously with particulate testing for the emissions from the dry scrubber/baghouse.
- At least one (1), 30 minute run to be conducted for the ash handling building baghouse.
- At least one (1), 30 minute run to be conducted for the lime silo baghouse while a truck is unloading lime into the lime silo. If the unloading is completed before 30 minutes duration, the duration of unloading shall be sufficient to meet this requirement, provided it exceeds 12 minutes.

[Rules 62-4.070(3), 62-296.416(3)(d)1, and 62-297.310(4)(a)2., F.A.C., 40 CFR 60.38b and 40 CFR 60.58b, and applicant request]

Specific condition 2.m. Emission Standards.

The paragraph for this condition for mercury shall be replaced entirely by the following.

Hg (Mercury): In no case shall mercury emissions exceed 70 ug/dscm @ 7% O₂ or 85% reduction by weight, whichever is less stringent. Emissions of mercury shall also not exceed 1.38 x 10⁻⁴ lb/mmBtu, 0.0379 lb/hr per unit, and 0.166 tons/year per unit.

[Rules 62-296.416(3)(a)1 and 62-204.800(8)(b)3.d, F.A.C., 40 CFR 60.33b(a)(3) and PSD-FL-

151]

Specific condition 4.a. Start-up and Shut-down Procedures.

This condition shall be replaced entirely by the following:

4.a. Start-up and Shut-down Procedures. During start-up and shut-down, the auxiliary burners shall be fired as needed to ensure proper combustion of wastes and compliance with the emission limits of this permit consistent with good operating practices as specified in 40 CFR 60.53b.

Specific condition 4.f. Restriction for Types of Wastes Combusted.

Subsequent to an initial test burn while firing 5% (by weight) tires at each of the combustion units while operating each unit at capacity, scheduled to allow Department representatives to observe, that demonstrates via the CEMS that each unit can comply with the emission limits for pollutants monitored by the CEMS, this condition shall be replaced entirely by the following:

4.f. Allowable Fuels. The only fuels allowed to be burned in the MWC units are solid wastes allowed by this permit, and natural gas and propane as auxiliary fuels. Other wastes shall not be burned without written prior approval from the Department. Lee County shall minimize emissions of mercury through front-end source separation and recycling programs. Chromium compounds shall not be used as an additive in the cooling tower water.

The primary fuel for the facility is municipal solid waste (MSW), including the items and materials that fit within the definition of MSW contained in either 40 CFR 60.51b or Section 403.706(5), Florida Statutes (1995).

Subject to the limitations contained in this permit, the authorized fuels for the facility also include the other solid wastes that are not MSW which are described below. However, the facility shall not burn:

- (a) those materials that are prohibited by state or federal law;
- (b) those materials that are prohibited by this permit;
- (c) lead acid batteries;
- (d) nickel-cadmium batteries pursuant to Section 403.7192(3)
- (e) mercury containing devices and lamps pursuant to Sections 403.7186(2) & (3)
- (f) hazardous waste;
- (g) nuclear waste;
- (h) radioactive waste;
- (i) sewage sludge;
- (j) explosives.

The fuel may be received either as a mixture or as a single-item stream (segregated load) of discarded materials. If the facility intends to use an authorized fuel that is segregated non-MSW material, the fuel shall be either:

- (a) well mixed with MSW in the refuse pit; or
- (b) alternately charged with MSW in the hopper.

The facility operator shall prepare and maintain records concerning the description and quantities of all segregated loads of non-MSW material which are received and used as fuel at the facility, and subject to percentage weight limitations, below. For the purposes of this permit, a segregated load is defined to mean a container or truck that is almost completely or exclusively filled with a single item or homogeneous composition of waste material, as determined by visual observation.

To ensure that the facility's fuel does not adversely affect the facility's combustion process or emissions, the facility operator shall:

- (a) comply with good combustion operating practices in accordance with 40 CFR 60.53b;
- (b) install, operate and maintain continuous emissions monitors (CEMS) for oxygen, carbon monoxide, sulfur dioxide, oxides of nitrogen and temperature in accordance with 40 CFR 60.58b; and
- (c) record and maintain the CEMS data in accordance with 40 CFR 60.59b.

These steps shall be used to ensure and verify continuous compliance with the emissions limitations in this permit.

Natural gas or propane may be used as fuel during warm-up, startup, shutdown, and malfunction periods, and at other times when necessary and consistent with good combustion practices.

Subject to the conditions and limitations contained in this permit, the following other solid waste may be used as fuel at the facility:

- (a) Confidential, proprietary or special documents (including but not limited to business records, lottery tickets, event tickets, coupons and microfilm);
- (b) Contraband which is being destroyed at the request of appropriately authorized local, state or federal governmental agencies, provided that such material is not an explosive, a propellant, a hazardous waste, or otherwise prohibited at the facility. For the purposes of this section, contraband includes but is not limited to drugs, narcotics, fruits, vegetables, plants, counterfeit money, and counterfeit consumer goods;
- (c) Wood pallets, clean wood, and land clearing debris;
- (d) Packaging materials and containers;
- (e) Clothing, natural and synthetic fibers, fabric remnants, and similar debris, including but not limited to aprons and gloves; or
- (f) Rugs, carpets, and floor coverings, but not asbestos-containing materials or polyethylene or polyurethane vinyl floor coverings.
- (g) The predominantly combustible fraction of sorted construction and demolition debris. Sorting of mixed construction and demolition debris at the facility shall occur on the tipping floor or at another location approved by the Department.

Subject to the conditions and limitations contained in this permit, waste tires may be used as fuel at the facility. The total quantity of waste tires received as segregated loads and burned at the facility shall not exceed 5%, by weight, of the facility's total fuel. Compliance with this limitation shall be determined on a calendar monthly basis.

Subject to the conditions and limitations contained in this permit, the following other solid waste materials may be used as fuel at the facility (i.e. the following are authorized fuels that are non-MSW material). The total quantity of the following non-MSW material received as segregated loads and burned at the facility shall not exceed 5%, by weight, of the facility's total fuel. Compliance with this limitation shall be determined on a calendar monthly basis.

- (a) Unsorted mixtures of construction and demolition debris, or that fraction of sorted construction and demolition debris that is predominantly non-combustible. Non-combustible construction and demolition debris shall include concrete, metals, gypsum products, plaster, rock, brick, and masonry.
- (b) Oil spill debris from aquatic, coastal, estuarine or river environments. Such items or materials include but are not limited to rags, wipes, and absorbents.
- (c) Items suitable for human, plant or domesticated animal use, consumption or application where the item's shelf-life has expired or the generator wishes to remove the items from the market. Such items or materials include but are not limited to off-specification or

- expired consumer products, pharmaceuticals, medications, health and personal care products, cosmetics, foodstuffs, nutritional supplements, returned goods, and controlled substances.
- (d) Consumer-packaged products intended for human or domesticated animal use or application but not consumption. Such items or materials include but are not limited to carpet cleaners, household or bathroom cleaners, polishes, waxes and detergents.
 - (e) Waste materials that:
 - (i) are generated in the manufacture of items in categories (c) or (d), above and are functionally or commercially useless (expired, rejected or spent); or
 - (ii) are not yet formed or packaged for commercial distribution. Such items or materials must be substantially similar to other items or materials routinely found in MSW.
 - (f) Waste materials that contain oil from:
 - (i) the routine cleanup of industrial or commercial establishments and machinery; or
 - (ii) spills of virgin or used petroleum products. Such items or materials include but are not limited to rags, wipes, and absorbents.
 - (g) Used oil and used oil filters. Used oil containing a PCB concentration equal or greater than 50 ppm shall not be burned, pursuant to the limitations of 40 CFR 761.20(e).
 - (h) Waste materials generated by manufacturing, industrial or agricultural activities, provided that these items or materials are substantially similar to items or materials that are found routinely in MSW, subject to prior approval of the Department.

The following records shall be made and kept to demonstrate compliance with the segregated non-MSW percentage limitations of this condition:

Each segregated load of non-MSW materials, that is subject to the percentage weight limitations of this condition, which is received for processing shall be documented as to waste description and weight. The weight of all waste materials received for processing shall be measured using the facility truck scale and recorded.

Each day the total weight of segregated tires received shall be computed, and the daily total shall be added to the sum of the daily totals from the previous days in the current calendar month. At the end of each calendar month, the resultant monthly total weight of tires shall be divided by the total weight of all waste materials received in the same calendar month, and the resultant number shall be multiplied by 100 to express the ratio in percentage terms. The percentage computed shall be compared to the 5% limitation.

Each day the total weight of segregated non-MSW materials received that are subject to the 5% restriction shall be computed, and the daily total shall be added to the sum of the daily totals from the previous days in the current calendar month. At the end of each calendar month, the resultant monthly total weight of segregated non-MSW materials shall be divided by the total weight of all waste materials received in the same calendar month, and the resultant number shall be multiplied by 100 to express the ratio in percentage terms. The percentage computed shall be compared to the 5% limitation.

[Rule 62-4.070(3), F.A.C., PSD-FL-151, request of the applicant]

4.d. Auxiliary Burners.

This condition shall be replaced entirely by the following:

These devices shall be used at startup during the introduction of MSW fuel until design furnace

gas temperature is achieved. They shall be fueled only with natural gas or propane. If the annual capacity factor for natural gas is greater than 10%, as determined by 40 CFR 60.41b, the facility shall be subject to 40 CFR 60.44b(d), Standards for Nitrogen Oxides.

[Rules 62-4.070(3), 62-4.160(2) and 62-210.200, F.A.C., and 40 CFR 60.40b(d)]

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit modification) has the right to seek judicial review of it under Section 120.68, F.S., 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.

Howard L. Rhodes, Director
Division of Air Resources
Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this permit modification was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on _____ to the person(s) listed:

Lindsey Sampson, P.E. *
David Dee, Landers & Parsons
Karen Skinner, DEP Siting Coordination Office
Phil Barbaccia, P.E., DEP SD
Gregg Worley, EPA
John Bunyak, NPS

Clerk Stamp

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

(Clerk)

(Date)

INTEROFFICE MEMORANDUM

Date: 18-Dec-1999 05:58pm
From: Lindsey Sampson
SAMPSONLJ@leegov.com

Dept:
Tel No:

To: Joseph.Kahn (Joseph.Kahn@dep.state.fl.us)
CC: teomslee (teomslee@AOL.COM)
CC: BBigari (BBigari@Ogden-Energy.com)
CC: ttyrrell (ttyrrell@pirnie.com)

Subject: Lee County PSD 151B

Joe

I have made a few changes to the language that you provided to me for the subject permit. The changes have been incorporated into your document as strike-thoughts and underlines using MS Word.

The changes regarding visible emissions were made because we understand that one hour testing periods using Method 9 are permitted by rule 62-297.310 (4)(a)2. These changes are shown under Spec. Conditions 3.c and 3.a.

The changes made to test methods noted in Spec. Condition 3.a have all been approved by the Department previously. We thought it would be advisable to go ahead and re-incorporate them along with this permit modification.

-- VOC test method 25A was approved on 6/23/98
-- Ber. and Arsenic test method 29 was approved on
10/13/95
-- NO and NO2 method 7E was approved on 10/11/95

We made a slight change to the language in Spec Cond. 4.a that recognizes the possibility of having allowed excess emissions during start-up and shut-down periods.

I hope these suggestions all make sense to you. I think we should be able to finalize these modifications upon review of your next draft permit, and then incorporate this language into the Title V permit.

Please call or e mail me if any questions.

Thanks for your help over the past several months.

Lindsey J. Sampson

DRAFT

Certified Mail - Return Receipt Requested

Mr. Lindsey Sampson, P.E.
Deputy Director, Solid Waste
Lee County
PO Box 398
Ft. Myers, Florida 33902-0398

Re: Modification of Permit No. PSD-FL-151 and PSD-FL-151A
Lee County Resource Recovery Facility

The applicant applied on August 6, 1999 to the Department for a modification to PSD permits number PSD-FL-151 and PSD-FL-151A for its Lee County Resource Recovery Facility located at 10500 Buckingham Rd., Fort Myers, Lee County, 33905. The modification is to reduce testing requirements for certain pollutants with emissions that are well below limitations, consolidate testing for particulate matter emissions, revise certain requirements to conform to federal standards for municipal waste combustion facilities, allow for the use of natural gas as an auxiliary fuel, and revise the definition of allowable solid waste fuels. The Department has reviewed the modification request. The referenced permits are hereby modified as follows:

Specific condition 3.c. Testing Frequency.

The first through fourth sentences of this condition, starting with "Compliance with emission standards ..." and ending with "... approval of the Bureau of Air Regulation.", shall be replaced entirely by the following:

Compliance with the emission limitations of specific condition 2 of this permit shall be determined by annual emission testing, except that testing for arsenic, beryllium, fluoride, sulfuric acid mist, ammonia and VOC shall be performed prior to renewal of each operation permit. Testing of the MWC units for particulate matter shall be performed using three one-hour test runs so that two one-hour runs are conducted during normal operation and one one-hour run is conducted during soot blowing conditions.

Compliance for visible emissions shall be in accordance with 62-297.310(4)(a)2 F.A.C. [Rules 62-4.070(3) and 62-297.310(7)(a)3, F.A.C., and request of the applicant]

Specific condition 4.b. Operating Procedures.

The second paragraph of this condition shall be replaced entirely by the following:

The emission limitations for this facility shall apply at all times, except during periods of startup, shut down, or malfunctions, provided that the duration of startup and shut down periods shall not exceed three hours per occurrence, and the duration of excess emissions from malfunctions shall not exceed two hours in any 24 hour period (unless specifically authorized by the Department for longer durations). The startup period commences when the affected facility begins the continuous

burning of municipal solid waste and does not include any warm-up period when the affected facility is combusting natural gas or propane, and no municipal solid waste is being fed to the combustor. Continuous burning is the continuous, semi-continuous, or batch feeding of municipal solid waste for purposes of waste disposal, energy production, or providing heat to the combustion system in preparation for waste disposal or energy production. The use of municipal solid waste solely to provide thermal protection of the grate or hearth during the startup period when municipal solid waste is not being fed to the grate is not considered to be continuous burning. During all periods of startup, shut down and malfunction, the owner or operator shall use best operational practices to minimize air pollutant emissions. The owner or operator shall maintain a manual that identifies and describes best operational practices that will be used during periods of startup, shut down and malfunction at this facility.
[Rules 62-4.070(3), and 62-210.700(1) and (5), F.A.C., 40 CFR 60.38b and 40 CFR 60.58b(a), and request of the applicant]

Specific condition 3.a. Test Methods.

The table entry for Method 101A shall be replaced by Method 29. The table entry for Method 12 shall be replaced by Method 29. The table entry for EPA Method 25 shall be replaced by Method 25A to demonstrate compliance with VOC emissions. The table entries for EPA Methods 104 and 108 (beryllium and arsenic) shall each be replaced by EPA Method 29. The table entry for EPA Methods 7, 7C, or 19 shall be supplemented with Method 7E to demonstrate compliance with Nitrogen Oxides. The table entries for EPA Methods 201 and 201A shall be supplemented with Method 5 to demonstrate compliance with PM10 emissions.

The table entry for 'Visible emission determination of opacity.' Shall be replaced in its entirety by the following:

- 9 Visible emission determination of opacity.
- At least one (1), one hour run to be conducted simultaneously with particulate testing for the emissions from dry scrubber/baghouse.
 - At least one (1), one hour run to be conducted for the ash handling building baghouse.
 - At least one (1), one hour run to be conducted for the lime silo baghouse while a truck is unloading lime into the lime silo.

[Rule 62-296.416(3)(d)1, F.A.C., 40 CFR 60.38b and 40 CFR 60.58b, and applicant request]

Specific condition 2.m. Emission Standards.

The paragraph for this condition for mercury shall be replaced entirely by the following.

Hg (Mercury): In no case shall mercury emissions exceed 70 ug/dscm @ 7% O₂ or 85% reduction by weight, whichever is less stringent. Emissions of mercury shall also not exceed 1.38 x 10⁻⁴ lb/mmBtu, 0.0379 lb/hr per unit, and 0.166 tons/year per unit.
[Rules 62-296.416(3)(a)1 and 62-204.800(8)(b)3.d, F.A.C., 40 CFR 60.33b(a)(3) and PSD-FL-151]

Specific condition 4.a. Start-up and Shut-down Procedures.

This condition shall be replaced entirely by the following:

4.a. Start-up and Shut-down Procedures. During start-up and shut-down, the auxiliary burners shall be fired as needed to ensure proper combustion of wastes consistent with good operating practices as defined in 40 CFR 60.53b.

Specific condition 4.f. Restriction for Types of Wastes Combusted.

Subsequent to an initial test burn while firing 5% (by weight) tires at each of the combustion units while operating each unit at capacity, scheduled to allow Department representatives to observe, that demonstrates via the CEMS that each unit can comply with the emission limits for pollutants monitored by the CEMS, this condition shall be replaced entirely by the following:

4.f. Allowable Fuels. The only fuels allowed to be burned in the MWC units are solid wastes allowed by this permit, and natural gas and propane as auxiliary fuels. Other wastes shall not be burned without written prior approval from the Department. Lee County shall minimize emissions of mercury through front-end source separation and recycling programs. Chromium compounds shall not be used as an additive in the cooling tower water.

The primary fuel for the facility is municipal solid waste (MSW), including the items and materials that fit within the definition of MSW contained in either 40 CFR 60.51b or Section 403.706(5), Florida Statutes (1995).

Subject to the limitations contained in this permit, the authorized fuels for the facility also include the other solid wastes that are not MSW which are described below. However, the facility shall not burn:

- (a) those materials that are prohibited by state or federal law;
- (b) those materials that are prohibited by this permit;
- (c) lead acid batteries;
- (d) nickel-cadmium batteries pursuant to Section 403.7192(3)
- (e) mercury containing devices and lamps pursuant to Sections 403.7186(2) & (3)
- (f) hazardous waste;
- (g) nuclear waste;
- (h) radioactive waste;
- (i) sewage sludge;
- (j) explosives.

The fuel may be received either as a mixture or as a single-item stream (segregated load) of discarded materials. If the facility intends to use an authorized fuel that is segregated non-MSW material, the fuel shall be either:

- (a) well mixed with MSW in the refuse pit; or
- (b) alternately charged with MSW in the hopper.

The facility operator shall prepare and maintain records concerning the description and quantities of all segregated loads of non-MSW material which are received and used as fuel at the facility, and subject to percentage weight limitations, below. For the purposes of this permit, a segregated load is defined to mean a container or truck that is almost completely or exclusively filled with a single item or homogeneous composition of waste material, as determined by visual observation.

To ensure that the facility's fuel does not adversely affect the facility's combustion process or emissions, the facility operator shall:

- (a) comply with good combustion operating practices in accordance with 40 CFR 60.53b;
- (b) install, operate and maintain continuous emissions monitors (CEMS) for oxygen, carbon

monoxide, sulfur dioxide, oxides of nitrogen and temperature in accordance with 40 CFR 60.58b; and

- (c) record and maintain the CEMS data in accordance with 40 CFR 60.59b.

These steps shall be used to ensure and verify continuous compliance with the emissions limitations in this permit.

Natural gas or propane may be used as fuel during warm-up, startup, shutdown, and malfunction periods, and at other times when necessary and consistent with good combustion practices.

Subject to the conditions and limitations contained in this permit, the following other solid waste may be used as fuel at the facility:

- (a) Confidential, proprietary or special documents (including but not limited to business records, lottery tickets, event tickets, coupons and microfilm);
- (b) Contraband which is being destroyed at the request of appropriately authorized local, state or federal governmental agencies, provided that such material is not an explosive, a propellant, a hazardous waste, or otherwise prohibited at the facility. For the purposes of this section, contraband includes but is not limited to drugs, narcotics, fruits, vegetables, plants, counterfeit money, and counterfeit consumer goods;
- (c) Wood pallets, clean wood, and land clearing debris;
- (d) Packaging materials and containers;
- (e) Clothing, natural and synthetic fibers, fabric remnants, and similar debris, including but not limited to aprons and gloves; or
- (f) Rugs, carpets, and floor coverings, but not asbestos-containing materials or polyethylene or polyurethane vinyl floor coverings.
- (g) The predominantly combustible fraction of sorted construction and demolition debris. Sorting of mixed construction and demolition debris at the facility shall occur on the tipping floor or at another location approved by the Department.

Subject to the conditions and limitations contained in this permit, waste tires may be used as fuel at the facility. The total quantity of waste tires received as segregated loads and burned at the facility shall not exceed ~~3%~~ 5%, by weight, of the facility's total fuel. Compliance with this limitation shall be determined by using a rolling 30 day average on a calendar monthly basis.

Subject to the conditions and limitations contained in this permit, the following other solid waste materials may be used as fuel at the facility (i.e. the following are authorized fuels that are non-MSW material). The total quantity of the following non-MSW material received as segregated loads and burned at the facility shall not exceed 5%, by weight, of the facility's total fuel. Compliance with this limitation shall be determined by using a rolling 30 day average on a calendar monthly basis.

- ~~(a) Construction and demolition debris.~~
- (a) Unsorted mixtures of construction and demolition debris, or that fraction of sorted construction and demolition debris that is predominantly non-combustible. Non-combustible construction and demolition debris shall include concrete, metals, gypsum products, plaster, rock, brick, and masonry.
- (b) Oil spill debris from aquatic, coastal, estuarine or river environments. Such items or materials include but are not limited to rags, wipes, and absorbents.
- (c) Items suitable for human, plant or domesticated animal use, consumption or application where the item's shelf-life has expired or the generator wishes to remove the items from the market. Such items or materials include but are not limited to off-specification or expired consumer products, pharmaceuticals, medications, health and personal care products, cosmetics, foodstuffs, nutritional supplements, returned goods, and controlled substances.
- (d) Consumer-packaged products intended for human or domesticated animal use or

- application but not consumption. Such items or materials include but are not limited to carpet cleaners, household or bathroom cleaners, polishes, waxes and detergents.
- (e) Waste materials that:
 - (i) are generated in the manufacture of items in categories (c) or (d), above and are functionally or commercially useless (expired, rejected or spent); or
 - (ii) are not yet formed or packaged for commercial distribution. Such items or materials must be substantially similar to other items or materials routinely found in MSW.
 - (f) Waste materials that contain oil from:
 - (i) the routine cleanup of industrial or commercial establishments and machinery;
or
 - (ii) spills of virgin or used petroleum products. Such items or materials include but are not limited to rags, wipes, and absorbents.
 - (g) Used oil and used oil filters. Used oil containing a PCB concentration equal or greater than 50 ppm shall not be burned, pursuant to the limitations of 40 CFR 761.20(e).
 - (h) Waste materials generated by manufacturing, industrial or agricultural activities, provided that these items or materials are substantially similar to items or materials that are found routinely in MSW, subject to prior approval of the Department.

The following records shall be made and kept to demonstrate compliance with the segregated non-MSW percentage limitations of this condition:

Each segregated load of non-MSW materials, that is subject to the percentage weight limitations of this condition, which is received for processing shall be documented as to waste description and weight. The weight of all waste materials received for processing shall be measured using the facility truck scale and recorded.

Each day the total weight of segregated tires received shall be computed, and the daily total shall be added to the sum of the daily totals from the previous 29 days in the current calendar month. At the end of each calendar month, the resultant ~~30-day~~ monthly total weight of tires shall be divided by the total weight of all waste materials received in the same ~~30-day period~~ calendar month, and the resultant number shall be multiplied by 100 to express the ratio in percentage terms. The percentage computed shall be compared to the ~~3%~~ 5% limitation.

Each day the total weight of segregated non-MSW materials received that are subject to the 5% restriction shall be computed, and the daily total shall be added to the sum of the daily totals from the previous 29 days in the current calendar month. At the end of each calendar month, the resultant ~~30-day~~ monthly total weight of segregated non-MSW materials shall be divided by the total weight of all waste materials received in the same ~~30-day period~~ calendar month, and the resultant number shall be multiplied by 100 to express the ratio in percentage terms. The percentage computed shall be compared to the 5% limitation.

[Rule 62-4.070(3), F.A.C., PSD-FL-151, request of the applicant]

4.d. Auxiliary Burners.

This condition shall be replaced entirely by the following:

These devices shall be used at startup during the introduction of MSW fuel until design furnace gas temperature is achieved. They shall be fueled only with natural gas or propane. If the annual capacity factor for natural gas is greater than 10%, as determined by 40 CFR 60.41b, the facility shall be subject to 40 CFR 60.44b(d), Standards for Nitrogen Oxides.

[Rules 62-4.070(3), 62-4.160(2) and 62-210.200, F.A.C., and 40 CFR 60.40b(d)]

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This

permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit modification) has the right to seek judicial review of it under Section 120.68, F.S., 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.

Howard L. Rhodes, Director
Division of Air Resources
Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this permit modification was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on _____ to the person(s) listed:

Lindsey Sampson, P.E. *
David Dee, Landers & Parsons
Karen Skinner, DEP Siting Coordination Office
Phil Barbaccia, P.E., DEP SD
Gregg Worley, EPA
John Bunyak, NPS

Clerk Stamp

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

(Clerk)

(Date)

RFC-822-headers:

Received: from epic50.dep.state.fl.us ([199.73.195.8])

by mail.epic1.dep.state.fl.us (PMDF V5.2-32 #37976)

with ESMTP id <01JJNMHJROMI000HU7@mail.epic1.dep.state.fl.us> for

KAHN_J@a1.epic1.dep.state.fl.us (ORCPT rfc822;Joseph.Kahn@dep.state.fl.us)

; Sat, 18 Dec 1999 17:58:39 EST

Received: from LEEMAIL ([209.26.126.6]) by mail.epic50.dep.state.fl.us

(PMDF V5.2-32 #31508)

with SMTP id <01JJNMGJ8B42000OSJ@mail.epic50.dep.state.fl.us> for

KAHN_J@a1.epic1.dep.state.fl.us (ORCPT rfc822;Joseph.Kahn@dep.state.fl.us)

; Sat, 18 Dec 1999 17:57:51 -0500 (EST)

Received: from LEEDOM1-Message_Server by LEEMAIL with Novell_GroupWise; Sat,

18 Dec 1999 17:59:50 -0500

X-Mailer: Novell GroupWise 5.5

INTEROFFICE MEMORANDUM

(Draft)

Date: 10-Dec-1999 10:26am
From: Joseph Kahn TAL
Dept:
Tel No:

To: sampsolj@leegov.com

Subject: Revised Permit Modification

Please review the changes denoted by strikethrough and underline and let me know your comments. Changes were made to conditions 4.a (new) and 4.f. The hazardous waste group in Tallahassee requested that I add the prohibitions for nickel-cadmium batteries and mercury containing devices and lamps, pursuant to statute. The other changes are as we discussed. Feel free to e-mail me back or call me at 850-921-9519.

December 7, 1999

To: Joseph Kahn

From: Mara G. Nasca, South District

Re: Comments from the South District: Lee County Resource Recovery Facility Modification
Request PA 90-30, PSD FL -151B

Reference: TE-4 and Specific Condition 4.f., Request to increase the limit on waste tires

The South District does not object to increasing the amount of tires received at the facility from 3% to 5% of all solid waste received. The facility should test each of the units under the new limit to provide reasonable assurance of compliance. DEP representatives from the South District Office shall observe the initial compliance test.

Comments from Bill Krumbholz, Solid Waste Supervisor: No objection to an increase in tires to 5%. Tires are used as fuel when waste is wet for better combustion. Hendry County transfer stations may wish to increase fees for out of county tires.

Reference: Proposed Specific Condition 4.f., Allowable Fuels

The South District has three landfills that accept construction and demolition (C&D) waste. Lee County Gulf Coast Landfill accepts C&D waste and because it is privately owned is allowed to dispose of it without segregation. The Collier County Naples Landfill accepts C&D waste; which is segregated, materials that are not recycled, and disposed of in the landfill.

Highlands County Landfill accepts C&D waste at a "separate facility". Charlotte County Landfill takes the C&D waste to a C&D site next to their landfill.

The District's Air Section and Bill Krumbholz, Solid Waste Supervisor do not object to increasing the amount of C&D waste combusted at the facility but would recommend an appropriate limit of no more than 20% of all solid waste accepted.

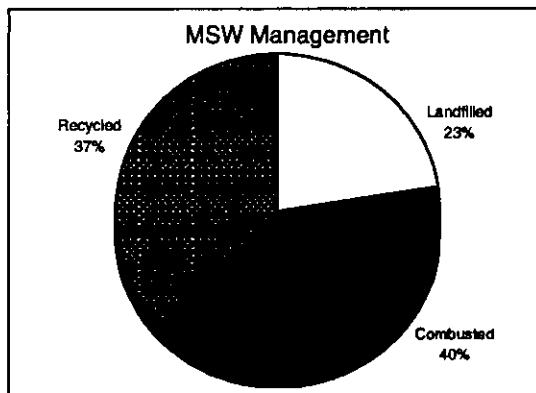
Reference: Proposed Specific Condition 4.f., Recordkeeping

The South District does not object to monitoring the 5% allowance for various segregated waste (including tires) by a monthly average.

Lee County

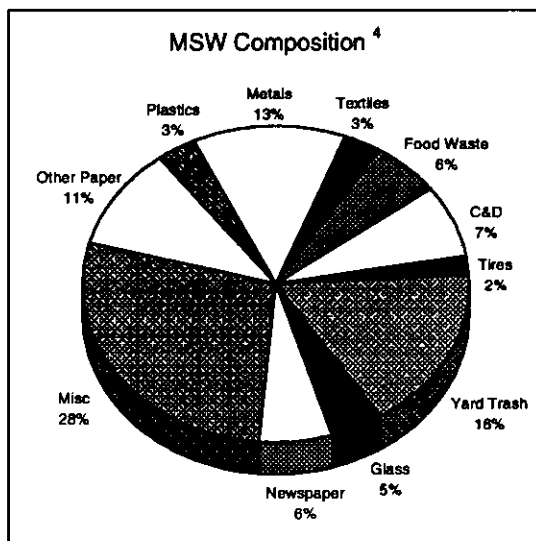
(Jan. 1, 1997 - Dec. 31, 1997)

1. Population ¹	394,244
2. MSW Management (tons) ²	
A. Landfilled	128,341
B. Combusted	229,132
C. Recycled	212,172
D. Total	569,645
E. Total Pounds per Capita Per Day ¹	7.92



3. MSW Collected & Recycled

A. Minimum Five Wastes ³	Collected (tons)	Recycled (%)
1. Newspaper	34,179	54
2. Glass	26,482	26
3. Aluminum Cans	4,557	38
4. Plastic Bottles	7,405	22
5. Steel Cans	3,987	90



B. Special Wastes ⁵	Collected (tons)	Recycled (%)
1. C&D Debris	42,154	81
2. Yard Trash	93,991	54
3. White Goods	11,392	3
4. Tires	11,392	1
5. Process Fuel	3,625	100

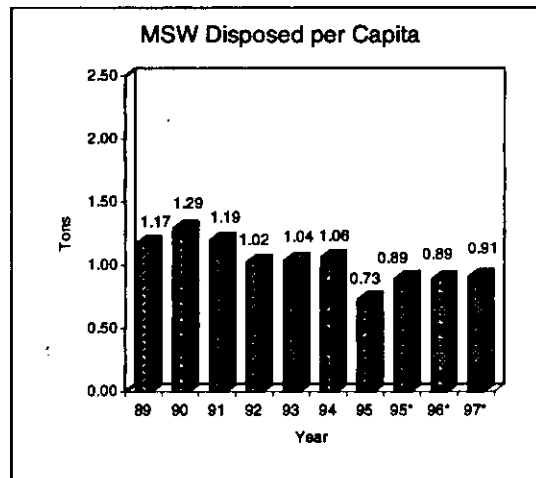
C. Other Wastes	334,106	27
D. Total Recycling Rate (%)		37
E. Adjusted Recycling Rate (%) ^{5,6}		37

F. Waste Reduction Per Capita (%)

(A negative number indicates an increase in the MSW disposal rate per capita.)

1. Base Year: July 1987-June 1988	23
2. Base Year: July 1988-June 1989	30
3. Base Year: July 1989-June 1990	24
4. Base Year: July 1990-June 1991	11
5. Base Year: July 1991-June 1992	13
6. Base Year: July 1992-June 1993	14

G. Participation in Recycling ⁷	Units	Percent ⁸
1. Single-family Curbside	134,349	65
2. Multi-family Curbside ⁹	56,240	62
3. Commercial ¹⁰	20,820	
a) Scheduled collection		25
b) On call collection		30

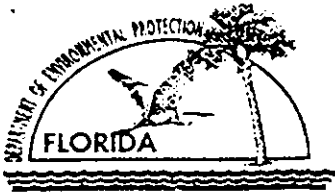


Handwritten notes:

- 7.4% OF TOTAL COLLECTED
- 2.0% (circled)
- 2.0% OF TOTAL COLLECTED
- 1.4% C&D
- 2.0% TIRES
- 3.2% OF TOTAL COMBUSTED/LANDF.
- 2.2% C&D
- 3.2% TIRES

¹ Official 1997 Governor's Office estimate.
² From 1998 - 1999 Recycling and Education grant applications.
³ The Legislature established a goal of 50 percent for each material by the end of 1994.
⁴ Some materials have been combined: Metals include Aluminum Cans, Steel Cans, Ferrous and Non-ferrous metals, and White Goods; Other Paper includes Corrugated, Office and Other Paper; and Plastics include Plastic Bottles and Other Plastics.
⁵ The total of Special Wastes can count towards no more than one half of the recycling goal for each county.
⁶ The legislature established a goal of 30 percent by the end of 1994 for all counties with a population of over 75,000.
⁷ Participation means availability and usage of recycling services (As of June 1997).
⁸ Percentage of total county units (single/multi-family dwellings and commercial establishments) participating in recycling.
⁹ Includes apartments, condominiums and others.
¹⁰ May also include government and institutional.
 * Calendar year 1995 data.

*STATEWIDE AVE. C&D 23.1% OF COLLECTED
 TIRES 0.7% OF COLLECTED*



Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701-900(22)
Form Title <u>Waste Tire Collector Annual Report</u>
Effective Date <u>12/23/96</u>
DEP Application No. _____ (Filled in by DEP)

WASTE TIRE COLLECTOR ANNUAL REPORT FOR YEAR ENDING December 31, 1998

Pursuant to Rule 62-711.520, Florida Administrative Code, waste tire collectors are required to submit the following information to the Department by March 1 of each year. The annual report must be submitted along with the annual registration renewal application and registration fee as a condition of holding a waste tire collector registration number.

1. Business name: Modern Recycling, Inc. of Florida Company ID#: 1097
(assigned by Department)

2. Business mailing address: 24278 Production Circle
City Bonita Springs State FL Zip 34135

3. Business street address: 24278 Production Circle
City Bonita Springs State FL Zip 34135

4. Business telephone : 941-495-6660

5. Waste tire collector registration number(s): 1097

6. Authorized person preparing report: DOUGLAS L. JOHNSON

7. Telephone number of person preparing report: 941-495-6660

8. Total quantity of waste tires, expressed in tons, collected during the calendar year (assume 100 tires per ton or 10 tires per cubic yard): 18,747.76 tons tires.

9. Describe how the waste tires collected were disposed of during the calendar year, reported in tons.
(assume 100 passenger tires per ton, 20 truck tires per ton.)

- A. List total quantity of waste tires sold as used tires. A. 647.43 tons
- B. List quantity of waste tire casings sold. B. _____ tons
- C. List quantity of waste tires hauled off by other Waste Tire Collectors. Attach additional sheets, if necessary.

Name of other Collector	Collector Registration Number	Quantity in tons
<u>SOUTHERN TIRE</u>	_____	<u>647.43</u>
_____	_____	_____

Total C. 647.43 tons

D. List the facilities where waste tires were deposited for disposal or recycling and the quantity disposed at each location. Attach additional sheets, if necessary.

Name of Facility	Address/City/State	Quantity in tons
LEE COUNTY INCINERATOR	BUCKINGHAM ROAD, FT MYERS	7227.75
IMMOKALEE LANDFILL	IMMOKALEE ROAD, IMMOKALEE	1504.47
GLADES COUNTY LANDFILL	PO BOX 116, MOOREHAVEN	644.51
WHEELABRATOR RIDGE ENERGY	3131 K-VILLE AVE, MOORHEAVEN	4531.95
OKEECHOBEE LANDFILL	10800 NE 128TH AVENUE, OKEECHOBEE	1720.82
AMER. RUBBER TECHNOLOGIES	302 N. LANE AVENUE, JACKSONVILLE	1258.95
Total A+B+C+D.		17,629.49 tons

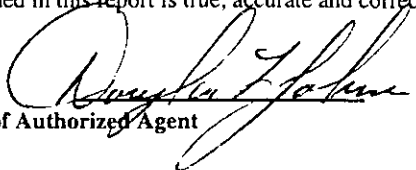
10. Explain any differences between Waste Tires Collected (paragraph 8) and Waste Tires Deposited (paragraph 9):

3379.38

11. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate and correct.

Douglas L. Johnson
Print Name of Authorized Agent


Signature of Authorized Agent

2/9/99
Date

Mail completed form to:
Florida Department of Environmental Protection
Solid Waste Section
Attention: Tires
2600 Blair Stone Road
Tallahassee, FL 32399-2407



BOARD OF COUNTY COMMISSIONERS

Writer's Direct Dial Number: (941) 479-8181

AL

John E. Manning
District One

November 22, 1999

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

Mr. Clair Fancy, Chief
Bureau of Air Regulations
Department of Environmental Protection
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

RECEIVED

NOV 23 1999

BUREAU OF AIR REGULATION

**SUBJECT: LEE COUNTY RESOURCE RECOVERY FACILITY
PSD NO. PSD-FL-151B**

Dear Mr. Fancy:

Lee County has received your letter and draft PSD permit modifications, dated October 18, 1999. Our responses to those documents follow. References are made to the page numbers of the Technical Evaluation and Preliminary Determination and the PSD Specific Condition.

Reference: TE-4 and Specific Condition 4.f, Request to increase the limit on waste tires.

The County asked for authorization to burn additional waste tires at the facility. However, the Department proposed a limit on the amount of waste tires allowed to be combusted to 3%, by weight, of the materials received during a 30-day period. The County would like to renew its request based on the particular waste stream that Lee County experiences on a regular basis due to several factors outside of the County's control.

The Lee waste to energy facility processes solid waste primarily generated in Lee and Hendry County. Within Lee County there is a waste tire processing and recycling company (Modern Recycling or Modern) that collects and receives waste tires from surrounding counties and processes the tires in Lee County to make several 'recycled tire products'. Modern Recycling delivers excess material that it cannot sell to our facility for disposal. Because Modern solicits, collects and receives waste tires from other counties, the amount of tire material generated by Modern added to other Lee generated tires, is significantly greater than the average amount of waste tires generated in other Florida counties (0.009 tons per capita or 0.7% to 0.9 % of the waste stream, per DEP July 1999 Solid Waste Management in Florida report).

The County's waste to energy facility also receives all of the solid waste from Hendry County. The disposal fee at the two Hendry County transfer stations is slightly less than

Mr. Clair Fancy, Chief

November 22, 1999

Page 2 of 5

\$12.00 per ton (including waste tires). Because of this inordinately low disposal fee, the Hendry County transfer stations often receive out-of-county waste tires. This amount, again, increases the relative amount of waste tires delivered to the facility.

The Lee County Facility received over 7600 tons and 7800 tons of waste tires during 1998 and 1999 respectively. This represents approximately 2.1 % of waste combusted for those years. This amount is far in excess of the average amounts reported in other counties in the DEP's annual Solid Waste Management Report. Additionally, the Facility received more than 3% during four of the previous 24 months (3.4 % maximum). Since Lee's waste stream includes waste tire amounts that are close to the permitted allowance of 3%, we would like to increase the permitted allowance. The County requests that the PSD permit modification provides that up to 5% of the solid waste received at the facility can be waste tires. This amount should provide the County with a reasonable margin such that we will not have to unduly restrict generators of waste tires from using the Facility.

The County is willing to demonstrate that the Facility can meet all continuous emission monitoring (CEM) parameters, including SO₂, while combusting solid waste containing 5% waste tires. The DEP could grant the County's request subject to the County demonstrating compliance by using the Facility's CEM system. The County will feed approximately 2500 pounds of waste tires into one of the combustion units for one hour while operating at nameplate capacity (nominal 25 tph, to be adjusted for BTU limit). The units feed scale will provide the measurement of the solid waste combusted. Emissions will be measured by the unit's CEM equipment. This simple test will demonstrate the facility's capability to combust up to 5% waste tires without adverse impacts to the environment. DEP representatives will be invited to attend and observe this test.

Reference: TE-4 and Specific Condition 4.a, Request to delete the minimum roof temperature during start up

Lee County's request to delete the minimum roof temperature requirement in the PSD permit was based on our experience in meeting this requirement. A defined, single minimum roof temperature requirement does not reflect the actual combustion zone temperature because there are variable thermal conductance factors throughout the boiler. Attaining the minimum roof temperature is accomplished relatively easily if the boiler start up occurs during a period when the internal boiler surfaces have ash and residue build-up. Attaining the minimum roof temperature during start up after thoroughly cleaning a boiler's internal surfaces is much more difficult and wastes excessive amounts of fossil fuel. Combustion zone temperatures, prior to the introduction of solid waste, vary relative to the presence or absence of residue throughout the boiler's internal surfaces depending on the concentration and location of the residue.

In 1995, the EPA published responses to comments concerning the proposed EPA standards for municipal waste combustors. These responses are in the 'Municipal Waste Combustion:

Mr. Clair Fancy, Chief
November 22, 1999
Page 3 of 5

Background Information Document for Promulgated Standards and Guidelines – Public Comments and Responses, October 1995’ (excerpt attached). The subject of a minimum furnace temperature requirement during all times, including start up, raised by commenters IV-D-103 and IV-D-108. EPA responded by stating that,

“Good combustion practices (GCP) were developed by the EPA to minimize both formation and emission of dioxins/furans and other trace organics. There are three components to GCP: a CO emission limit, a load limit, and a temperature at the inlet of the PM control device. All three of these continuous compliance parameters have been shown to correlate with either formation or emission of dioxins/furans.....”

The EPA went on to explain, in detail, why the above GCP parameters were sufficient surrogates for minimizing emissions of dioxins/furans and other trace organics. Based upon its careful analysis of the issues, EPA decided that it was unnecessary to impose other requirements.

Lee County follows good combustion practices during all periods of the Facility’s operation. The Facility has CEM equipment that is regularly calibrated and the reports from the CEM system are regularly provided to the DEP. The extended use of fossil fuel during start up of a ‘clean’ combustion unit, in order to meet a defined minimum roof temperature, provides no demonstrated reduction in emissions and wastes fossil fuel. Lee County again requests the deletion of the minimum roof temperature requirement during start up. Lee County will monitor CO, load limit, and the particulate matter control device inlet temperature as recommended by the EPA, and will continue to use GCP at all times, including start up. Further requirements for a minimum roof temperature are inappropriate and unnecessary.

Reference: Proposed Specific Condition 4.f, Allowable Fuels

The Department has added a limitation for the combustion of construction and demolition debris (C&D) that will pose problems for Lee County’s operation of the Facility in the near future. This limitation is based on allowable fuels established for other waste to energy facilities and does not consider the availability of C&D disposal facilities in Lee and Hendry Counties. Currently there is only one facility permitted for C&D disposal in Lee and Hendry. Waste Management, Inc owns this facility, the Gulf Coast Landfill. It is expected to reach its maximum permitted size in 2003 when it will close and alternative disposal capacity will be necessary.

Lee County is unaware of any reports or tests that have shown that excess emissions occur due to the combustion of C&D in a waste to energy facility. The limitation of 5% for C&D does not recognize that C&D in Florida generally exceeds 20% of the solid waste generated (DEP Solid Waste Report, July 1999). If recyclables are removed from the solid waste total, the percentage of C&D in the ‘disposed’ solid waste stream increases. As long as the Lee County Facility has available capacity, we know of no reason that C&D material should not

be processed at the facility. The County is not requesting a relaxation of any emission limits.

Because of the various components included in C&D, it is not practical or desirable to accept all of the C&D generated in Lee and Hendry counties at the facility. The County normally inspects C&D deliveries for inordinate amounts of noncombustible materials, such as concrete, rock, gypsum, etc. Deliveries of this nature are, in fact, infrequent and are rejected. However, a large amount of C&D is composed of combustible materials (e.g. wood, cardboard, insulation, etc.) and this material is suitable for the mass burn process. Because the C&D fraction of the waste generated is over 20% the establishment of a 5% limit for C&D requires, in effect, that Lee County must provide an alternative disposal facility.

The County requests that the Department remove the 5% limitation for C&D materials from Specific Condition 4.f because this material does not impose any adverse environmental effects. The facility is capable of processing this material and it is not reasonable for Lee or Hendry to provide an alternative disposal facility as long as the current facility is capable of and has the capacity to process this material.

Reference: Proposed Specific condition 4.f, Record Keeping

The County believes that the method of record keeping proposed by the Department for monitoring the 5% allowance for various segregated wastes (including tires) is overly complex and should be simplified. The County requests that the record keeping requirement be based on a calendar month average rather than a rolling, 30 day average. The primary record keeping effort for these fuel allowances is by the Facility's scale house. The scale house operation maintains records of all materials entering and leaving the facility. Most of this operation is for the purpose of commerce and material and account reports are issued on a (calendar) monthly basis.

The County currently provides a quarterly report to the DEP that shows monthly amounts for solid waste, ash, ferrous, tires, etc. The use of a calendar month basis for monitoring the segregated material weights is reasonable because it follows the current record keeping method. It is simpler and much easier for the Department to monitor, and because of reduced calculations, it will result in less chance for arithmetical errors. The requested record keeping method still provides the same limitations for the various segregated loads.

Conclusion

Lee County and the contract operator, Ogden Martin Systems of Lee, Inc. (OMSL), have a proven environmental record for the operations of this Facility. The DEP South District honored the County and OMSL with an "Environmental Citizen Award" in 1996 for "...continuing dedication to improving air quality while reducing our municipal solid waste and our dependence on fossil fuels". The County understands the burden of maintaining this record and accepts this challenge. None of our requests will adversely affect the environment. They will, however, improve the effectiveness and efficiency of the County's solid waste management system. We look forward to DEP's concurrence with our requests.

Mr. Clair Fancy, Chief
November 22, 1999
Page 5 of 5

If you have any questions, please call me at the above number.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT



Lindsey J. Sampson, P.E.,
Director, Solid Waste Division

LJS:

Attachments

cc:	D. Owen	A. Linero	T. Tyrrell
	T. Eriksen	P. Barbaccia	
	D. Dee	J. Kahn	II E 112

CC: J. Kahn, BAR
EPA
NPS
B. Owen, PPS

Municipal Waste Combustion:
Background Information Document for
Promulgated Standards and Guidelines
-- Public Comments and Responses

Emission Standards Division

U.S. Environmental Protection Agency
Office of Air and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

October 1995

was based on analysis of CEM data for three plants and with the input of the plant operators.

Two commenters (IV-D-103, IV-D-108) also recommended that minimum furnace temperature during waste combustion, after overfire air, be specified. The commenters also suggested requirements for controls such as automatic auxiliary burners that will fire at preset temperatures to ensure that minimum temperature is maintained at all times including startup and when wet waste is being combusted. One commenter (IV-D-108) contended that this minimizes emissions of combustible pollutants, some of which are not continuously monitored, such as dioxins/furans. The commenter (IV-D-108) recommended the following limits for MB/WW combustors: a minimum 1-minute average temperature of 1,500 °F for a 1 second residence time after overfire air injection, with auxiliary burners automatically fired at 1,550 to 1,600 °F. The commenter noted that New Jersey has successfully implemented this requirement for five operating MWC's. One commenter (IV-D-103) recommended a residence time for combustion gas of at least 1 second at no less than 1,800 °F. This commenter (IV-D-103) also recommended that control equipment for HCl reduction must be designed such that the flue gas temperature at the outlet from the control device does not exceed 300 °F, unless a demonstration is made that an equivalent collection of condensable heavy metals and toxic organics can be achieved at a higher outlet temperature or through the use of alternate technologies.

Response: Good combustion practices were developed by the EPA to minimize both formation and emission of dioxins/furans and other trace organics. There are three components to GCP: a CO emission limit, a load limit, and a temperature at the inlet of the PM control device. All three of these continuous compliance parameters have been shown to correlate with either formation or emission of dioxins/furans.

limit to insure operation at combustion conditions which are indicative of the furnace destruction of organics, a load limit which is to control the amounts of PM which are carried out of the combustor with flue gases, and a temperature limit at the inlet of each PM control device to control formation of CDD/CDF within each control device.

Comment: Five commenters (IV-D-24, IV-D-28, IV-D-54, IV-D-80, IV-D-95) supported the monitoring and control of APCD inlet temperature. Three commenters (IV-D-28, IV-D-80, IV-D-95) supported the proposed requirement of a maximum inlet temperature, determined during the most recent dioxin/furan test, which cannot be exceeded by more than 30 °F, but urged the EPA to adopt a longer averaging period of 8 to 12 hours so that reasonable variability does not result in an excursion.

One commenter (IV-D-24) maintained that a standard for combustor flue gas temperature should be promulgated as part of good combustion practices. The commenter (IV-D-24) pointed out the importance of flue gas temperature based on the EPA's 1989 test program at the Montgomery Dayton South MWC. In a detailed discussion, the commenter claimed that the study showed that minor changes in design and operation had a significant effect on emissions of dioxin and other pollutants. The commenter (IV-D-24) acknowledged that some vendors claim that lower temperatures cause corrosion and operating problems, but argued that these problems can be avoided by proper design and operation.

Response: The maximum PM control device inlet temperature is selected by taking the highest average PM control device inlet temperature measured during any one of three successful performance test runs for dioxins/furans and by adding 17 °C (30 °F). The averaging time for the PM control device inlet temperature limit must be consistent with the averaging time for a single dioxin/furan performance test (approximately 4 hours). If an 8-hour averaging time was

Low CO level is a surrogate parameter used to indicate the operation at combustion conditions conducive to the furnace destruction of trace organics. The load limit is used to control excessive entrainment PM (PM carryover) which can lead to formation of dioxins/furans downstream of the combustor. The PM control device inlet temperature limit is to limit formation of dioxins/furans on fly ash within the PM control device by controlling formation rates. Peak formation rates occur near 300 °C (570 °F) and decrease with decreasing temperatures. Below about 225 to 250 °C (435-480 °F) the formation rates are negligible. The temperature limit also controls partitioning of dioxin/furan between the solid and vapor phases. At lower temperatures, dioxins/furans remain absorbed on PM and are disposed with the collected fly ash. There is no evidence that dioxins/furans absorbed on fly ash can be volatilized at ambient temperatures nor leached in landfills.

The EPA spend a substantial amount of resources investigating, developing, and documenting GCP. The EPA's first effort resulted in a report on the combustion control of organics (Municipal Waste Combustion Study: Combustion Control of Organics, EPA/530-SW-87-021c, June 1987). This report on the control of organics contained tables summarizing recommendations for good combustion practices to control organic emissions from mass burn, RDF, and modular starved-air MWC's. Recommendations were included for a combustion temperature of 980 °C (1800 °F) at fully mixed conditions, a 50 ppm CO emission limit, a range of flue gas O₂ concentrations for each combustor, the use of overfire air for mixing, turndown restrictions, and the use of auxiliary fuel to correct for low temperatures or high CO.

In reviewing these recommendations, it was decided that only three parameters would be required to demonstrate continuous compliance with GCP. These include a CO emission



LEE COUNTY

SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

(941) 479-8181

Writer's Direct Dial Number: _____

John E. Manning
District One

November 15, 1999

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

Mr. C. H. Fancy
Bureau of Air Regulations
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399

RECEIVED

NOV 16 1999

BUREAU OF AIR REGULATION

**SUBJECT: PSD-FL-151 B
LEE COUNTY RESOURCE RECOVERY FACILITY**

Dear Mr. Fancy:

Attached please find a copy of the Affidavit of Publication for the public notice announcing the Department's intent to issue PSD Permit Modification.

If you have any questions, please call me at the above number.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT

Lindsey J. Sampson, P.E.,
Director
Solid Waste Division

LJS:lsw

Attachments

cc: D. Owen
T. Eriksen, OMSL
D. Dee, Landers & Parsons
R. Shauer, MPI
II E112

cc: SD
BUCK OWEN
JOE KAHN

S:\SW\LINDSEY\LETTERS\BUREAU AIR REG.PSD-FL-151 B.DOC

NEWS-PRESS
 Published every morning — Daily and Sunday
 Fort Myers, Florida

Affidavit of Publication

STATE OF FLORIDA
 COUNTY OF LEE

Before the undersigned authority, personally appeared
Brenda Leighton

who on oath says that he/she is the
Legal Coordinator of the News-Press

daily newspaper, published at Fort Myers, in Lee County, Florida, that the
 attached copy of advertisement, being a
permit modification

in the matter of PSD Permit Modification for
Lee County Resource Recovery Fac.

in the _____ Cou
 was published in said newspaper in the issues of
November 6, 1999

Affiant further says that the said News-Press is a paper of general circulation daily in Lee, Charlotte, Collier, Glades and Hendry Counties and published at Fort Myers, in said Lee County, Florida and that said newspaper has heretofore been continuously published in said Lee County, Florida, each day, and has been entered as a second class mail matter at the post office in Fort Myers in said Lee County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Brenda Leighton

Sworn to and subscribed before me this
8th day of

November 1999

Brenda Leighton

who is personally known to me or who has produced

as identification, and who did or did not take an oath.
 Notary Public *Janet E. Cobb*

Print Name _____

My Commission Expires: _____

CLASS-16



Janet E. Cobb
 MY COMMISSION # CC602553 EXPIRES
 November 19, 2000
 BONDED THRU TROY FARM INSURANCE, INC.

Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall 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 of the Florida Administrative Code.

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 the 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 petitioner must so indicate; (e) A concise statement of the ultimate facts al-

PUBLIC NOTICE OF INTENT TO ISSUE PSD PERMIT MODIFICATION STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION PSD-FL-151B Lee County Resource Recovery Facility Lee County

The Department of Environmental Protection (Department) gives notice of its intent to issue a PSD permit modification to Lee County for its Lee County Resource Recovery Facility located at 10500 Buckingham Rd., Fort Myers, Lee County. The modification is to reduce testing requirements for certain pollutants with emissions that are well below limitations, consolidate testing for particulate matter emissions, revise certain requirements to conform to federal standards for municipal waste combustion facilities, allow for the use of natural gas as an auxiliary fuel, and revise the definition of allowable solid waste fuels. The applicant's mailing address is: PO Box 398, Ft. Myers, Florida 33902-0398. A Best Available Control Technology (BACT) determination was not required for any pollutant pursuant to Rule 62-212.400, F.A.C. and 40 CFR 52.21, Prevention of Significant Deterioration (PSD). Potential emissions will not increase as a result of this action.

This project is subject to review under Section 403.506, F.S. (Power Plant Siting Act) because the applicant has simultaneously requested a modification of the conditions of site certification.

An impact analysis was not required for this project because there is no associated increase in emissions. The Department will issue the final PSD permit modification with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice of Intent to Issue PSD Permit Modification. Written comments requests for public meetings should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed PSD permit modification and require, if applicable, another Public Notice.

The Department will issue the PSD permit modification unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

leged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (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 Department'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.

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 Department on the application have the right to petition to become a party to the proceeding in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Protection, Bureau of Air Regulation, Suite 4, 111 S. Magnolia Drive, Tallahassee, Florida 32301. Telephone: 850/488-0114. Fax: 850/922-6979. Department of Environmental Protection, South Florida District, Suite 364, 2295 Victoria Avenue, Fort Myers, Florida 33901-3381. Telephone: 941/332-6975.

The complete project file includes the application, technical evaluations, draft permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Source Review Section, or the Department's reviewing engineer for this project: Joseph Kahn, P.E., at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information. Nov 6 No. 3713

LEE COUNTY

LEE COUNTY PUBLIC WORKS

SOLID WASTE DIVISION

Phone: 941-479-8181
Fax: 941-479-8119
1500 Monroe Street
Fort Myers, FL 33901

FACSIMILE

DATE: 11/14/99 OR A. LINDRO

TO: CL FANCY - BUREAU OF AIR REGULATION

FROM: LINDSEY SAMPSON

FAX #: 850-922-7041 850-414-0414

Number of pages including cover: 2

Hard copy to follow: N Y

MESSAGE: PLEASE FIND AFFIDAVIT /
PROOF OF PUBLICATION
ATTACHED. HARD COPY TO
FOLLOW.

Please contact this office immediately if transmittal is not received properly.
Thank You.

AL

NEWS-PRESS

Published every morning - Daily and Sunday
Fort Myers, Florida

Affidavit of Publication

STATE OF FLORIDA
COUNTY OF LEE

Before the undersigned authority, personally appeared

Brenda Leighton

who on oath says that he/she is the

Legal Coordinator

of the News-Press

daily newspaper, published at Fort Myers, in Lee County, Florida; that a

attached copy of advertisement, being a
permit modification

in the matter of PSD Permit Modification for

Lee County Resource Recovery Fac.

in the _____ County

was published in said newspaper in the issues of

November 6, 1999

Affiant further says that the said News-Press is a paper of general circulation daily in Lee, Charlotte, Collier, Glades and Hendry Counties and published at Fort Myers, in said Lee County, Florida and that said newspaper has heretofore been continuously published in said Lee County, Florida, each day, and has been entered as a second class mail matter at the post office in Fort Myers in said Lee County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation an discount, rebate, commission or refund for the purpose of securing the advertisement for publication in the said newspaper.

Brenda Leighton

Sworn to, and subscribed before me this

8th

day of

November

19

99

by

Brenda Leighton

who is personally known to me and who has produced

as identification, and who did or did not take an oath.

Notary Public

Janet E. Cobb

Print Name

My Commission Expires:

CLASS-16



Janet E. Cobb
MY COMMISSION # COM0853 EXPIRES
November 19, 2000
BONDED THRU TROY FARM INSURANCE, INC.

Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.549 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 825, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall 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 120.549 and 120.57 F.S., or to intervene in this proceeding as a party to it. Any subsequent intervention will be on the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

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 petitioner received notice of the agency action or proposed action; (d) A statement of all disputing issues of material fact, if there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including specific facts that support petitioner's contention of reversal or modification of the agency's proposed action; (f) A statement of the law, rules or statutes that 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 Department's action is based shall state that no such facts are to dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.201.

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 affected from the petition filed by it in this proceeding. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Dept. of Environmental Protection, Bureau of Air Regulation, Suite 4, 111 S. Magnolia Drive, Tallahassee, Florida 32301. Telephone: 850/488-0114. Fax: 850/972-8979.

Dept. of Environmental Protection, South Florida District, Suite 225, 2705 Victoria Avenue, Fort Myers, Florida 33901-3381. Telephone: 941/332-8975.

The complete project file includes the application, technical evaluations, staff permit and the information submitted by the responsible officials, exclusive of confidential records. Confidential records are those records of persons who are under the Administrative Source Services Act, or the Department's hiring project. Joseph P. E. at 111 S. Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or 850/488-0114, for National Information Nov 5 No. 27

PUBLIC NOTICE OF INTENT TO ISSUE PSD PERMIT MODIFICATION STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

PSD-FL-1518
Lee County Resource Recovery Facility

The Department of Environmental Protection (Department) gives notice of its intent to issue a PSD permit modification to Lee County Resource Recovery Facility located 10500 Buckingham Rd., Fort Myers, Lee County, Florida. The modification is to reduce testing requirements for certain pollutants with emissions that are well below limitations, consolidate testing for particulate matter emissions, revise certain requirements to conform to federal standards for municipal waste combustion facilities, allow for the use of natural gas as an auxiliary fuel, and revise the definition of allowable solid waste fuels. The applicant's mailing address is: PO Box 398, Ft. Myers, Florida 33902-0398. A Best Available Control Technology (BACT) determination was not required for any pollutant pursuant to Rule 28-212.005, F.A.C. and 10 CFR 52.21. Prevention of Significant Deterioration (PSD) potential emissions of air pollutants will not increase as a result of this action.

This project is subject to review under section 403.006, Florida Statute (Power Plant Siting Act) because the applicant has simultaneously requested a modification of the conditions of site certification. An impact analysis was not required for this project because there is no associated increase in emissions. The Department will issue the final PSD permit modification with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice of Intent to Issue PSD Permit Modification. Written comments, requests for public meetings should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station 83504, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed PSD permit modification and require, if applicable, another Public Notice.

The Department will issue the PSD permit modification unless a timely petition for an administrative hearing is filed pursuant to sections 120.549 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a

leged, including specific facts that support petitioner's contention of reversal or modification of the agency's proposed action; (f) A statement of the law, rules or statutes that 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 Department's action is based shall state that no such facts are to dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.201.

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 affected from the petition filed by it in this proceeding. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Dept. of Environmental Protection, Bureau of Air Regulation, Suite 4, 111 S. Magnolia Drive, Tallahassee, Florida 32301. Telephone: 850/488-0114. Fax: 850/972-8979.

Dept. of Environmental Protection, South Florida District, Suite 225, 2705 Victoria Avenue, Fort Myers, Florida 33901-3381. Telephone: 941/332-8975.

The complete project file includes the application, technical evaluations, staff permit and the information submitted by the responsible officials, exclusive of confidential records. Confidential records are those records of persons who are under the Administrative Source Services Act, or the Department's hiring project. Joseph P. E. at 111 S. Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or 850/488-0114, for National Information Nov 5 No. 27

Florida Department of
Environmental Protection

Memorandum

TO: ~~Clair-Fancy~~ *CAF for 10/18*
THRU: Al Linero *CAF 10/18*
FROM: *JK* Joe Kahn
DATE: October 18, 1999
SUBJECT: Lee County Resource Recovery Facility
PSD-FL-151B

Attached for approval and signature is the intent to issue a PSD permit modification to Lee County. The applicant applied on August 6, 1999 to the Department for a modification to PSD permits number PSD-FL-151 and PSD-FL-151A for its Lee County Resource Recovery Facility located at 10500 Buckingham Rd., Fort Myers, Lee County, 33905. The modification is to reduce testing requirements for certain pollutants with emissions that are well below limitations, consolidate testing for particulate matter emissions, revise certain requirements to conform to federal standards for municipal waste combustion facilities, allow for the use of natural gas as an auxiliary fuel, and revise the definition of allowable solid waste fuels.

I recommend your approval and signature.

October 18, 1999 is day 74 of the 90 day timeclock.

Attachments

/jk