

RECEIVED

JUN 21 1999

BUREAU OF
AIR REGULATION

OKEELANTA COGENERATION FACILITY
P.O. Box 9
South Bay, Florida 33493
(561) 993-1010
(561) 992-7744 (fax)

June 18, 1999

Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Mail Station #5505
Tallahassee, Florida 32399-2400

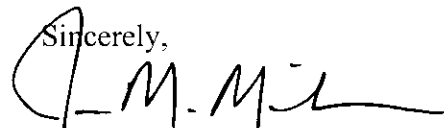
Attn: Jeff Koerner
New Source Review Section

Re: Okeelanta Cogeneration Facility
Draft Permit Modification No. 0990332-010-AC/PSD-FL-196F

Dear Mr. Koerner:

The Okeelanta Cogeneration Facility waives the right to have the above referenced permit modification issued or denied by the State of Florida Department of Environmental Protection within the ninety-day time period as proscribed by Florida regulations. The said waiver is made freely and voluntarily by the Okeelanta Cogeneration Facility. This waiver shall expire on June 25, 1999. If you have any questions please contact me at (561) 993-1003.

Sincerely,



James M. Meriwether
Environmental Manager

Cc: Rodney Williams

OKEELANTA COGENERATION FACILITY
P.O. Box 9
South Bay, Florida 33493
(561) 993-1010
(561) 992-7744 (fax)

(Jeff copied)
RECEIVED

JUN 17 1999

BUREAU OF
AIR REGULATION

June 8, 1999

Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Mail Station #5505
Tallahassee, Florida 32399-2400

Attn: A. A. Linero, P.E.
Administrator
New Source Review Section

Re: Okeelanta Cogeneration Facility
Draft Permit Modification No. 0990332-010-AC/PSD-FL-196F

Dear Mr. Linero:

The Okeelanta Cogeneration Facility has reviewed the Draft air construction permit modification transmitted in the Department's letter dated May 7, 1999. At this time we wish to provide comments designed to revise the startup and shutdown language located in the Table Notes of Specific Condition #20. The purpose of our comments are to better define these two events. The revised definitions are as follows:

a. Startup is the ~~commencement of operation of a boiler which has shut down or ceased operation for a period of time~~ period following a Shutdown when the boilers begin continuous firing of woodwaste, bagasse or coal, but not including warm-up periods when the auxiliary burner is utilized, sufficient to cause temperature, pressure, chemical or pollution control device imbalances, which may result in excess emissions. Periods of ~~startup~~ Startup for each boiler shall end once steam generation reaches 150,000 pounds per hour not to exceed four (4) hours ~~in any 24 hour period (day)~~ per occurrence.

b. Shutdown is the cessation of the operation of a boiler for any purpose after steam generation drops below 150,000 pounds per hour. The process of ~~shutdown~~ Shutdown for each boiler shall not exceed four (4) hours ~~in any 24 hour period (day)~~ per occurrence.

In addition, Specific Condition #21 (c) and (d) would need modification to reflect the above revisions. These modifications are as follows:

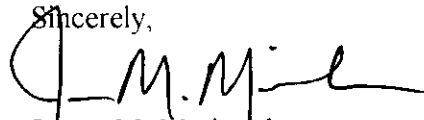
c. Continuous emission monitoring data required by this permit shall be collected and recorded during all periods of operation including ~~startup~~ Startup, ~~shutdown~~ Shutdown, and malfunction, except for continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments. Although recorded, emissions during periods of ~~startup~~ Startup, ~~shutdown~~ Shutdown and malfunction shall be excluded from the averaging calculations required to determine compliance with the emissions standards, subject to the definitions of ~~startup~~ Startup, ~~shutdown~~ Shutdown, and malfunction specified in this permit. For operation beyond four (4) hours of ~~startup~~ Startup per occurrence, four (4) hours of ~~shutdown~~ Shutdown per occurrence, or two (2) hours of malfunction in a 24-hour period, emissions data shall be recorded and included in the averaging calculations required to determine compliance with the emissions standards. The permittee shall submit to the regulating agencies a Quarterly Excess Emissions Report within 30 days of the end of each calendar quarter. The report shall identify the date, time, and description of each ~~startup~~ Startup, ~~shutdown~~ Shutdown, and malfunction resulting in excess emissions. It shall also identify any steps taken to mitigate emissions during any malfunction as well as any corrective actions taken.

[Air Permit PSD-FL-196; Rule 62-210.700, F.A.C.; 40 CFR 60.8; and 40 CFR 60.46a]

- d. Excess emissions resulting from ~~startup~~ Startup, ~~shutdown~~ Shutdown or malfunction of a boiler shall be permitted for standards based on short-term averaging periods (shorter than 24-hour averages) as specified in this permit, providing:
- a. The operators implement best operational practices to minimize emissions, and
 - b. Excess emissions do not exceed four (4) hours for ~~startup~~ Startup per occurrence, four (4) hours for ~~shutdown~~ Shutdown per occurrence, nor two (2) hours for malfunction in any 24-hour period (day).

The Okeelanta Cogeneration Facility requests the Department to incorporate these revisions into the Final air construction permit modification. If you have any questions or need additional information please contact me at (561) 993-1003.

Sincerely,



James M. Meriwether
Environmental Manager

cc: Ricardo Lima
Rodney Williams
Bill Tarr
David Dee
David Buff



FAXED 5/27/98

TO: JAMES MERIWETHER, OKEELANTA/OSCEOLA

FROM: WILLARD HALUKS

DRAFT

June 5, 1998

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Rodney Williams, Plant Manager
Okeelanta Power Limited Partnership
Post Office Box 8
South Bay, Florida 33493

Re: Permit Modification No. 0990332-009-AC
PSD-FL-196

Dear Mr. Williams:

The Department has reviewed Mr. David Dee's February 27 letter requesting a modification to the referenced permit. The requested modification is to allow additional time for the simultaneous operation of Okeelanta's existing sugar mill boilers and your new cogeneration boilers. The effected facilities are located near South Bay, Palm Beach County, Florida. This request is acceptable, with conditions, and Specific Conditions Nos. 17, 18, and 26 of the referenced permit are modified as follows:

MODIFIED SPECIFIC CONDITIONS FOR OKEELANTA POWER L.P. PERMIT

17. ~~During the first three years of commercial cogeneration facility operation,~~ The existing Boilers Nos. 4, 5, 6, 10, 11, 12, 14, and 15 (Permit Nos. AO50-169210, 190690, 175414, 190693, 175411, 169215, 189904, and 209094, respectively) may be retained for standby operation until the interconnections (bagasse fuel and steam systems) between the cogeneration facility and the sugar mill are reliable, but no later than April 1, 2000. During the period from initial firing until April 1, ~~1998-2000~~ all three cogeneration boilers can be operated simultaneously with the existing boilers. Only biomass and No. 2 fuel oil may be used in the cogeneration boilers during periods of simultaneous operation. If more than 910,836 lb/hr steam is generated in the cogeneration boilers, steam in excess of 910,836 lb/hr must be sent to the Okeelanta sugar mill, and the existing boiler's steam production reduced by an equivalent amount. After April 1, ~~1998~~ 2000, the cogeneration boilers may be operated only when the existing sugar mill boilers are shutdown or in the process of immediately shutting down. During operation, the existing sugar mill boilers must meet all requirements in the most recent construction and operation permits for the boilers. These existing boilers shall be shutdown and rendered incapable of operation ~~within three (3) years of commercial startup of the cogeneration facility, when the interconnected operations are reliable, but no later than January 1, 1999~~ April 1, 2001.
18. Boiler No. 16 (AC50-191876) may be retained as a standby boiler for the sugar refinery and sugar mill in accordance with its existing permit. Boiler No. 16 may be operated during startup, debugging, and testing of the cogeneration facility. After April 1, ~~1998~~ 2000, this boiler may be operated only when one

Mr. Rodney Williams
Page Two
Okeelanta Power, LP

or more of the three cogeneration boilers are shutdown. During operation, this boiler must meet all requirements in the current construction or operating permit for the boiler.

26. Stack monitoring, fuel usage, and fuel analysis data, and the status of the interconnections between the sugar mill and the cogeneration facility shall be reported to the Department's South and Southeast District Offices and to the Palm Beach County Health Unit on a quarterly basis commencing with the start of commercial operation in accordance with 40 CFR, Part 60, Sections 60.7 and 60.49a, and in accordance with Section 17-297.500, F.A.C.

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 the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Sincerely,

Howard L. Rhodes, Director
Division of Air Resources
Management

DRAFT

Enclosure: Landers & Parsons February 27, 1998 letter.

HLR/wh

DRAFT

June 5, 1998

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Carlos Rionda, General Manager
Osceola Power Limited Partnership
Post Office Box 606
Pahokee, Florida 33476

Re: Permit Modification No. 0990331-007-AC
PSD-FL-197

Dear Mr. Rionda:

The Department has reviewed Mr. David Dee's February 27 letter requesting a modification to the referenced permit. The requested modification is to allow additional time for the simultaneous operation of Osceola Farms' existing sugar mill boilers and your new cogeneration boilers. The effected facilities are located near Pahokee, Palm Beach County, Florida. This request is acceptable, with conditions, and Specific Conditions Nos. 17, and 25 of the referenced permit are modified as follows:

MODIFIED SPECIFIC CONDITIONS FOR OSCEOLA POWER L. P. PERMIT

17. ~~During the first three years of commercial cogeneration facility operation,~~ (The existing Boilers Nos. 2, 3, 4, 5, and 6 (Permit Nos. A0 50-269980, 203679, 165813, 203680, 165626, and 165814, respectively), may be retained for standby operation until the interconnections (bagasse fuel and steam systems) between the cogeneration facility and the sugar mill are reliable, but no later than April 1, 2000, provided their operating permits are valid.

During the period from initial firing through April 1, ~~1998~~ 2000 both cogeneration boilers can be operated simultaneously with the existing boilers. Only biomass and No. 2 fuel oil may be used in the cogeneration boilers during this period. If more than 570,000 lb/hr steam, (24-hour average) is generated in the cogeneration boilers, steam in excess of 570,000 lb/hr (24-hour average) must be sent to the Osceola sugar mill, and the existing boilers' steam production reduced by an equivalent amount. After April 1, ~~1998~~ 2000, the cogeneration facility's boilers may be operated only when the sugar mill's boilers are shutdown or in the process of immediately shutting down. During operation, the existing sugar mill boilers must meet all requirements in the most recent construction and operation permits for the boilers. The existing sugar mill boilers shall be shutdown and rendered incapable of operation ~~within three (3) years of commercial startup of the cogeneration facility,~~ when the interconnected operations are reliable, no later than January 1, 1999-April 1, 2001.

Mr. Carlos Rionda
Page Two
Osceola Power, LP

25. Stack monitoring, fuel usage, and fuel analysis data, and the status of the interconnection between the sugar mill and the cogeneration facility shall be reported to the Department's South and Southeast District Offices and to the Palm Beach County Health Unit on a quarterly basis commencing with the start of commercial operation in accordance with 40 CFR, Part 60, Sections 60.7 and 60.49a, and in accordance with Section 17-297.500, F.A.C.

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 the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Sincerely,

Howard L. Rhodes, Director
Division of Air Resources
Management

Enclosure: Landers & Parsons February 27, 1998 letter.

HLR/wh

DRAFT

OKEELANTA COGENERATION FACILITY
P.O. Box 9
South Bay, Florida 33493
(561) 993-1010
(561) 992-7744 (fax)

RECEIVED

MAY 28 1999

BUREAU OF
AIR REGULATION

May 25, 1999

Department of Environmental Protection
Twin Towers Office Building
Bureau of Air Regulation
New Source Review Section
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Attn: A. A. Linero, P.E.
Administrator

Re: Okeelanta Cogeneration Facility
Permit Modification No. 0990332-010-AC/PSD-FL-196F
Proof of Publication

Dear Mr. Linero:

Please see the attached "Proof of Publication" for the Public Notice of Intent to Issue Air Construction Permit Modification. The Public Notice was published on May 19, 1999 in the Palm Beach Post. If you have any questions please contact me at (561) 993-1003.

Sincerely,



James M. Meriwether
Environmental Manager

cc: Rodney Williams

cc: J. Reynolds, BAR
SD
Palm Bch Co

THE PALM BEACH POST

Published Daily and Sunday
West Palm Beach, Palm Beach County, Florida

PROOF OF PUBLICATION


STATE OF FLORIDA
COUNTY OF PALM BEACH

Before the undersigned authority personally appeared Linda M. Francis who on oath says that he/she is Classified Advertising Supervisor of The Palm Beach Post, a daily and Sunday newspaper published at West Palm Beach in Palm Beach County, Florida; that the attached copy of advertising, being Notice in the matter of Intent the ---- Court, was published in said newspaper in the issues of May 19, 1999.

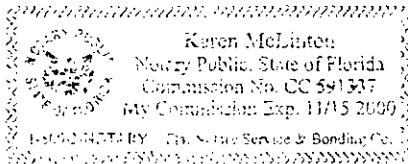
Affiant further says that the said The Post is a newspaper published at West Palm Beach, in said Palm Beach County, Florida, and that the said newspaper has heretofore been continuously published in said Palm Beach County, Florida, daily and Sunday and has been entered as second class mail matter at the post office in West Palm Beach, in said Palm Beach County, Florida, for a period of one year next preceding the first publication of the attached copy of 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.



Sworn to and subscribed before me this 19 day of May A.D. 1999.



Personally known XX or Produced Identification _____
Type of Identification Produced _____



NO. 592450
PUBLIC NOTICE OF INTENT
TO ISSUE AIR CONSTRUCTION
PERMIT MODIFICATION
STATE OF FLORIDA
DEPARTMENT
OF ENVIRONMENTAL
PROTECTION
DRAFT Permit Modification
No. 0900332-010-AC
(PSD-FL-198F)

Okeelanta Power
Limited Partnership
Palm Beach County
The Department of Environ-
mental Protection (Depart-
ment) gives notice of its intent
to issue an air construction
permit modification to Okeel-
anta Power Limited Partner-
ship for the cogeneration
plant located approximately
six miles south of South Bay in
Palm Beach County. A Best
Available Control Technology
(BACT) determination was not
required for this modification
pursuant to Rule 62-212.400,
F.A.C. and 40 CFR 52.21, Pre-
vention of Significant Deterio-
ration (PSD). The modification
will not result in an increase in
allowable emissions from the
cogeneration facility, and will
not cause a violation of any
state or federal ambient air
quality standards or incre-
ments. The applicant's name
and address are: Okeelanta
Power Limited Partnership,
P.O. Box 9, South Bay, FL
33493.

The modification will allow
averaging of carbon monoxide
emissions over a rolling 30-
day averaging period instead
of the former 24-hour averag-
ing period as a result of the
uncontrollable moisture con-
tent of the biomass fuel
burned. The modification also
defines process conditions for
startup, shutdown and mal-
function of the boilers and pe-
riods during which excess
emissions may occur.

The Department will issue the
Final permit modification with
the attached conditions unless
a response received in accor-
dance with the following pro-
cedures results in a different
decision or significant change
of terms or conditions.

The Department will accept
written comments and re-
quests for public meetings
concerning the proposed per-
mit issuance action for a pe-
riod of 30 (thirty) days from the
date of publication of this Pub-
lic Notice of Intent to Issue Air
Construction Modification.

Written comments and re-
quests for public meetings
should be provided to the De-
partment's Bureau of Air Re-
gulation at 2600 Blair Stone
Road, Mail Station #5505, Tal-
lahassee, FL 32399-2400. Any
written comments filed shall
be made available for public
inspection. If written com-
ments received result in a sig-
nificant change in the pro-
posed agency action, the
Department shall revise the
proposed permit and require,
if applicable, another Public
Notice.

The Department will issue the
permit modification with the
attached conditions unless a
timely petition for an admini-
strative hearing is filed pursu-
ant to sections 120.569 and
120.57 F.S., before the dead-
line for filing a petition. The

procedures for petitioning for
a hearing are set forth below.
Mediation is not available in
this proceeding.

A person whose substantial in-
terests are affected by the
proposed permitting decision
may petition for an admini-
strative proceeding (hearing) un-
der 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 be-
low must be filed within four-
teen days of receipt of this
notice of intent. Petitions filed
by any persons other than
those entitled to written no-
tice under section 120.80(3)
of the Florida Statutes must
be filed within fourteen days
of publication of the public no-
tice of intent.

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 petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, 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:

Dept. of Environmental Protection
Bureau of Air Regulation
Suite 4, 111 S. Magnolia Drive
Tallahassee, Florida, 32301
Telephone: 850/488-0114
Fax: 850/922-6979
Division of Environmental Health and Engineering
Palm Beach County Health Department
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070
Dept. of Environmental Protection
South District Office
Suite 364,
2295 Victoria Avenue
Fort Myers, Florida
33901-3381
Telephone: 941/332-6975
Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33401
Telephone: 561/681-6600

The complete project file includes the application, Draft permit modification, 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, John Reynolds, at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301; or call 850/488-0114, for additional information.
PUB: The Palm Beach Post
May 19, 1999