

Harvey, Mary

8/15/07

From: Adams, Patty
To: Harvey, Mary
Sent: Friday, August 17, 2007 9:52 AM
Subject: Read: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Your message

To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Sent: 8/15/2007 1:55 PM

was read on 8/17/2007 9:52 AM.

Harvey, Mary

From: Bradburn, Rick
To: Harvey, Mary
Sent: Thursday, August 16, 2007 9:11 AM
Subject: Read: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Your message

To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Sent: 8/15/2007 1:55 PM

was read on 8/16/2007 9:11 AM.

Harvey, Mary

From: Harvey, Mary
Sent: Wednesday, August 15, 2007 1:55 PM
To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Attachments: 0050014.012.AC.D_.pdf.zip

Tracking:	Recipient	Delivery	Read
	'Ms. Penny Manuel, Gulf Power Company'		
	'Mr. Glenn Waters, Gulf Power Company'		
	<input checked="" type="checkbox"/> 'Mr. Tom Davis, ECT, Inc.'		
	<input checked="" type="checkbox"/> 'Ms. Kathleen Forney'		
	<input checked="" type="checkbox"/> Bradburn, Rick	Delivered: 8/15/2007 1:55 PM	Read: 8/16/2007 9:11 AM
	<input checked="" type="checkbox"/> Branum, Corrie	Delivered: 8/15/2007 1:55 PM	Read: 8/15/2007 1:55 PM
	<input checked="" type="checkbox"/> Adams, Patty		Read: 8/17/2007 9:52 AM
	<input checked="" type="checkbox"/> Gibson, Victoria		Read: 8/15/2007 2:59 PM

Dear Sir/Madam:

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

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

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

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

Thank you,

8/21/2007

Harvey, Mary

From: Curle, Mary Beth
To: Harvey, Mary
Sent: Wednesday, August 15, 2007 2:06 PM
Subject: Read: FW: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Your message

To: 'Mr. Jim Little, EPA Region 4'; 'Ms. Kathleen Forney'; Curle, Mary Beth
Subject: FW: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Sent: 8/15/2007 1:57 PM

was read on 8/15/2007 2:06 PM.

Harvey, Mary

From: Gibson, Victoria
To: Harvey, Mary
Sent: Wednesday, August 15, 2007 2:59 PM
Subject: Read: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Your message

To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Sent: 8/15/2007 1:55 PM

was read on 8/15/2007 2:59 PM.

Harvey, Mary

From: Branum, Corrie
To: Harvey, Mary
Sent: Wednesday, August 15, 2007 1:56 PM
Subject: Read: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Your message

To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company
Sent: 8/15/2007 1:55 PM

was read on 8/15/2007 1:55 PM.

Harvey, Mary

From: Tom Davis [tdavis@ectinc.com]
Sent: Wednesday, August 15, 2007 3:58 PM
To: Harvey, Mary
Subject: RE: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Wednesday, August 15, 2007 1:55 PM
To: Ms. Penny Manuel, Gulf Power Company; Mr. Glenn Waters, Gulf Power Company; Mr. Tom Davis, ECT, Inc.; Ms. Kathleen Forney; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Dear Sir/Madam:

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

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

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<http://www.adobe.com/products/acrobat/readstep.html>.

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Thank you,

Harvey, Mary

From: Forney.Kathleen@epamail.epa.gov
Sent: Wednesday, August 15, 2007 3:46 PM
To: Harvey, Mary
Cc: little.james@epa.gov; Curle, Mary Beth
Subject: Re: FW: Air Construction Permit #0050014-012-DRAFT - Gulf Power Company

Attachments: 0050014-012-AC Appendix - AC Minor - DRAFT.PDF; 0050014-012-AC Draft Permit - DRAFT.PDF; 0050014-012-AC Public Notice - DRAFT.PDF; 0050014-012-AC TEPD - DRAFT.PDF; 0050014-012-AC Written Notice - DRAFT.PDF; Signed documents for Project # 0050014-012-Draft - Gulf Power.pdf



0050014-012-AC Appendix - AC M...
0050014-012-AC Draft Permit - ...
0050014-012-AC Public Notice - ...
0050014-012-AC TEPD - DRAFT.PD...
0050014-012-AC Written Notice ...
Signed documents for Project #...

Thanks for sending

the document.
KT

Katy R. Forney
Air Permits Section
EPA - Region 4
61 Forsyth St., SW
Atlanta, GA 30024

Phone: 404-562-9130
Fax: 404-562-9019

"Harvey, Mary"
<Mary.Harvey@dep.state.fl.us>

08/15/2007 01:57 PM

To
James Little/R4/USEPA/US@EPA,
Kathleen Forney/R4/USEPA/US@EPA,
"Curle, Mary Beth"
<Mary.Beth.Curle@dep.state.fl.us>
cc

Subject
FW: Air Construction Permit
#0050014-012-DRAFT - Gulf Power
Company

From: Harvey, Mary
Sent: Wednesday, August 15, 2007 1:55 PM
To: 'Ms. Penny Manuel, Gulf Power Company'; 'Mr. Glenn Waters, Gulf Power Company'; 'Mr. Tom Davis, ECT, Inc.'; 'Ms. Kathleen Forney'; Bradburn, Rick
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria

Memorandum

Florida Department of Environmental Protection

TO: Trina Vielhauer, Bureau of Air Regulation
THROUGH: Jeff Koerner, Air Permitting North Section *JK*
FROM: Corrie Branum, Air Permitting North Section *CB*
DATE: August 15, 2007
SUBJECT: Draft Air Permit No. 0050014-012-AC
Gulf Power Company, Lansing Smith Plant
HERT and MOBOTECH Demonstration Project

This project is subject to minor source preconstruction review. Attached for your review are the following items:

- Written Notice of Intent to Issue Air Permit;
- Public Notice of Intent to Issue Air Permit;
- Technical Evaluation and Preliminary Determination;
- Draft Permit; and
- P.E. Certification.

The Draft Permit authorizes Gulf Power Company to perform two demonstration projects to evaluate control technologies for Units 1 and 2: SNCR/HERT for NO_x and MOBOTECH with MinPlus for mercury. The proposed work will be conducted at Lansing Smith Plant, which is located in Bay County, Florida. The Technical Evaluation and Preliminary Determination provides a detailed description of the project and the rationale for issuance. The P.E. certification briefly summarizes the proposed project. I recommend your approval of the attached Draft Permit.

Attachments

P.E. CERTIFICATION STATEMENT

PERMITTEE

Gulf Power Company
Lansing Smith Plant
4300 County Road 2300
Lynn Haven, FL 32409

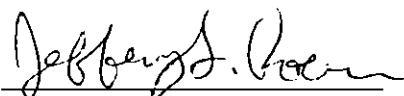
Draft Air Permit No. 0050014-012-AC
Lansing Smith Plant, Units 1 and 2
SNCR/HERT and MOBOTEC
Demonstration Projects
Bay County, Florida

PROJECT DESCRIPTION

This project authorizes Gulf Power Company to conduct two temporary projects to evaluate control technologies intended to reduce nitrogen oxides (NOx) and mercury emissions for Units 1 and 2 at the Lansing Smith Plant. This facility is affected by the Clean Air Interstate Rule (CAIR) which regulates NOx emissions beginning in year 2009. Gulf Power's CAIR strategy for the Lansing Smith Plant includes the installation of a selective non-catalytic reduction system (SNCR) for Units 1 and 2. To determine the optimal urea injection locations for the SNCR system, Gulf Power will install a temporary SNCR rig and conduct high energy reagent technology (HERT) demonstration tests on Units 1 and 2 to assist in the development of the future control technologies.

The Lansing Smith Plant is also affected by the Clean Air Mercury Rule (CAMR), which requires statewide reductions in mercury emissions beginning in year 2010. Gulf Power is currently evaluating alternative mercury control technologies, including sorbent injection to increase mercury collection efficiencies from the existing pollution control equipment. Gulf Power will conduct a temporary demonstration project of MOBOTEC with MinPlus on Unit 2 to test the effectiveness for mercury collection. The test will be conducted to evaluate the best injection locations and furnace temperatures to achieve the maximum mercury reduction levels, so that an effective mercury reduction system can be designed.

***I HEREBY CERTIFY** that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and meteorological features).*

 8-15-07

Jeffery F. Koerner, P.E.
Registration Number: 49441

(Date)



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

August 15, 2007

Ms. Penny Manuel, Vice President and SPO
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0001

Re: Air Construction Permit No. 0050014-012-AC
Gulf Power Company, Lansing Smith Plant
HERT and MOBOTECH Demonstration Projects

Dear Ms. Manuel:

On June 8, 2007, you submitted an application requesting authorization to perform two demonstration projects to evaluate control technologies for Units 1 and 2: SNCR/HERT for nitrogen oxides (NO_x) and MOBOTECH with MinPlus for mercury. These units are installed at the existing Lansing Smith Plant, which is located in Bay County at 4300 County Road 2300, Lynn Haven, Florida. Enclosed are the following documents:

- The Technical Evaluation and Preliminary Determination summarizes the Permitting Authority's technical review of the application and provides the rationale for making the preliminary determination to issue a Draft Permit.
- The proposed Draft Permit includes the specific conditions that regulate the emissions units covered by the proposed project.
- The Written Notice of Intent to Issue Air Permit provides important information regarding: the Permitting Authority's intent to issue an air permit for the proposed project; the requirements for publishing a Public Notice of the Permitting Authority's intent to issue an air permit; the procedures for submitting comments on the Draft Permit; the process for filing a petition for an administrative hearing; and the availability of mediation.
- The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project.

If you have any questions, please contact the Project Engineer, Jeff Koerner, at 850/921-9536.

Sincerely,

Trina Vielhauer, Chief
Bureau of Air Regulation

Enclosures

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

*In the Matter of an
Application for Air Permit by:*

Gulf Power Company
One Energy Place
Pensacola, FL 32520-0001

Authorized Representative:
Penny Manuel, Vice President and SPO

Air Permit No. 0050014-012-AC
Facility ID No. 0050014
Lansing Smith Plant
HERT and MOBOTEC Demonstration Projects
Bay County, Florida

Facility Location: Gulf Power Company operates the Lansing Smith Plant, which is located in Bay County at 4300 County Road 2300 in Lynn Haven, Florida.

Project: The purpose of this project is to authorize Gulf Power Company to conduct two temporary projects to evaluate control technologies intended to reduce nitrogen oxides (NOx) and mercury emissions for Units 1 and 2 at the Lansing Smith Plant. This facility is affected by the Clean Air Interstate Rule (CAIR) which regulates NOx emissions beginning in year 2009. Gulf Power's CAIR strategy for the Lansing Smith Plant includes the installation of a selective non-catalytic reduction system (SNCR) for Units 1 and 2. To determine the optimal urea injection locations for the SNCR system, Gulf Power will install a temporary SNCR rig and conduct high energy reagent technology (HERT) demonstration tests on Units 1 and 2 to assist in the development of the future control technologies.

The Lansing Smith Plant is also affected by the Clean Air Mercury Rule (CAMR), which requires statewide reductions in mercury emissions beginning in year 2010. Gulf Power is currently evaluating alternative mercury control technologies, including sorbent injection to increase mercury collection efficiencies from the existing pollution control equipment. Gulf Power will conduct a temporary demonstration project of MOBOTEC with MinPlus on Unit 2 to test the effectiveness for mercury collection. The test will be conducted to evaluate the best injection locations and furnace temperatures to achieve the maximum mercury reduction levels, so that an effective mercury reduction system can be designed.

Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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 including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation: Mediation is not available in this proceeding.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

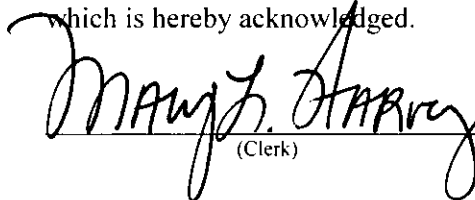
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Public Notice, the Technical Evaluation and Preliminary Determination, and the Draft Permit) was sent by electronic mail with received receipt requested before the close of business on 8/15/07 to the persons listed below.

- Ms. Penny Manuel, Gulf Power Company (pmmanuel@southernco.com)
- Mr. Glenn Waters, Gulf Power Company (gdwaters@southernco.com)
- Mr. Tom Davis, ECT, Inc. (tdavis@ectinc.com)
- Ms. Kathleen Forney (Forney.Kathleen@epa.gov)
- Mr. Rick Bradburn, NWD Office (Rick.Bradburn@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



(Clerk)

8/15/07
(Date)

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be postmarked by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 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 (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority'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 when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management, Bureau of Air Regulation
Draft Air Permit No. 0050014-012-AC
Gulf Power Company, Lansing Smith Plant
Bay County, Florida

Applicant: The applicant for this project is Gulf Power Company. The applicant's authorized representative and mailing address is: Penny Manuel, Vice President and SPO, Gulf Power Company, Lansing Smith Plant, One Energy Place, Penscola, FL, 32520-0001.

Facility Location: Gulf Power Company operates the existing Lansing Smith Plant, which is located in Bay County at 4300 County Road 2300 in Lynn Haven, Florida. The UTM coordinates are Zone 16, 625.03 km east and 3349.08 km north.

Project: The purpose of this project is to authorize Gulf Power Company to conduct two temporary projects to evaluate control technologies intended to reduce nitrogen oxides (NOx) and mercury emissions for Units 1 and 2 at the Lansing Smith Plant. This facility is affected by the Clean Air Interstate Rule (CAIR) which regulates NOx emissions beginning in year 2009. Gulf Power's CAIR strategy for the Lansing Smith Plant includes the installation of a selective non-catalytic reduction system (SNCR) for Units 1 and 2. To determine the optimal urea injection locations for the SNCR system, Gulf Power will install a temporary SNCR rig and conduct high energy reagent technology (HERT) demonstration tests on Units 1 and 2 to assist in the development of the future control technologies.

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Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

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<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a

(Public Notice to be Published in the Newspaper)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be postmarked by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 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 (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority'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 rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (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 including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation: Mediation is not available for this proceeding.

(Public Notice to be Published in the Newspaper)

**TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION**

PROJECT

Draft Air Construction Permit No. 0050014-012-AC
HERT and MOBOTEC Demonstration Project

COUNTY

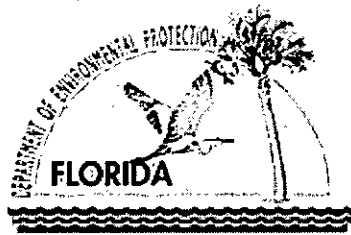
Bay

APPLICANT

Gulf Power Company
Lansing Smith Plant
ARMS Facility ID No. 0050014

**PERMITTING
AUTHORITY**

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Air Permitting North Program



August 15, 2007

{0050014-012-AC: TEPD}

1. GENERAL PROJECT INFORMATION

Applicant Name and Address

Gulf Power
One Energy Place
Pensacola, FL 32520-0328
Authorized Representative: Penny Manuel, Vice President and SPO

Facility Description and Location

Gulf Power Company operates an existing electrical generating power plant (SIC No. 4911) located in Bay County at 4300 County Road in Lynn Haven, Florida. The UTM coordinates are Zone 16, 625.03 km east and 3349.08 km north. This facility consists of two coal fired steam generators (boilers), two combustion turbines driven by a single jet engine, two new gas-fired combined-cycle combustion turbine electrical generators with duct-fired heat recovery steam generators (HRSG), and miscellaneous unregulated/insignificant emissions units and/or activities. Emissions Unit 001 is a tangentially fired, dry bottom boiler. It is rated at a maximum heat input of 1,944.8 million British thermal units (MMBtu) per hour when firing pulverized coal and 153 MMBtu per hour when firing distillate fuel oil. Emissions Unit 002 is a tangentially fired, dry bottom boiler. It is rated at a maximum heat input of 2,246.2 MMBtu per hour when firing pulverized coal and 76 MMBtu per hour when firing distillate fuel oil. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used to fire the jet engine and as a back-up fuel for the boilers. Both units are Phase II Acid Rain Units. These emissions units pre-date Prevention of Significant Deterioration (PSD) regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. PM emissions from both units are controlled by a hot-side and a cold-side electrostatic precipitator. Units 1 and 2 share a common stack.

Regulatory Categories

- The facility is a major source of hazardous air pollutants.
- The facility operates units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, Florida Administrative Code (F.A.C.)
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the PSD of Air Quality.

Project Description

On June 8, 2007, the Department received an application from Gulf Power for the Lansing Smith Plant, which is affected by the Clean Air Interstate Rule (CAIR) that regulates NOx emissions beginning in year 2009. Gulf Power's CAIR strategy includes the installation of a selective non-catalytic reduction system (SNCR) for Units 1 and 2. To determine the optimal urea injection locations for the SNCR system, Gulf Power will hire Advanced Combustion Technology (ACT) to install a temporary SNCR rig and conduct high energy reagent technology (HERT) demonstration tests on Units 1 and 2 to assist in the development of the future control technologies. During each day of the test, ACT will provide the test skid, setup and optimization of the system to gather the data needed for the SNCR system design. The tests will last a total of six days. Approximately two days of testing will be performed at high load conditions, and one day at medium and low load conditions for both units. The target performance for each unit is a 30% NOx reduction with a maximum ammonia slip of 5 ppm. During the tests they will use the existing continuous emissions monitoring systems (CEMS) to monitor the NOx reductions. Gulf Power Company does not expect any increased emissions from this demonstration project.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

The Lansing Smith Plant is also affected by the Clean Air Mercury Rule (CAMR), which requires statewide reductions in mercury emissions beginning in year 2010. Gulf Power is currently evaluating alternative mercury control technologies, including sorbent injection to increase mercury collection efficiencies from the existing pollution control equipment. Gulf Power has selected Reaction Engineering International (REI) to conduct a temporary demonstration project of MOBOTEC with MinPlus on Unit 2 to test the effectiveness for mercury collection. Temporary additional equipment includes a sorbent bin, positive displacement blower and rotary feeders for injecting sorbent. Two days of baseline sampling measurements will be taken followed by four days of continuous sorbent injection with parametric testing. The test will run continuously for approximately 2 weeks. The purpose of the test is to evaluate the best injection locations and furnace temperatures to achieve the maximum mercury reduction level. From this data, a system can be designed to effectively reduce mercury emissions. During this test, fugitive emissions from the sorbent will be minimized by a filter in the hopper. Gulf Power anticipates that total particulate matter (PM) and PM₁₀ emissions may increase less than one ton for the entire test.

2. APPLICABLE REGULATIONS

State Regulations

This project is subject to the applicable rules and regulations defined in the following Chapters of the F.A.C.: 62-4 (Permitting Requirements); 62-210 (Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms); 62-212 (Preconstruction Review, PSD Review and BACT, and Non-attainment Area Review and LAER); 62-213 (Title V Air Operation Permits for Major Sources of Air Pollution); 62-296 (Emission Limiting Standards); and 62-297 (Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures).

PSD Applicability for Project

This is a temporary project to evaluate control technologies intended to reduce NO_x and mercury emissions. Any predicted emissions increases will be minor and well below PSD "significant emissions rates" as defined in Rule 62-210.200, F.A.C. Therefore, the project is not subject to PSD preconstruction review.

3. DEPARTMENT REVIEW

SNCR/HERT Project

The draft permit will authorize the temporary project to evaluate the SNCR/HERT system subject to the following primary conditions:

- The draft permit will be valid and allow testing within a 12-month window.
- At least 5 days prior to conducting the tests, the permittee shall provide a schedule of the test program to the Compliance Authority. The Compliance Authority may waive the 5-day advance notice requirement.
- Based on CEMS data, the permittee shall determine the baseline NO_x emissions before the demonstration project.
- During the tests, the permittee shall record the reagent injection rate for each injector location and load configuration.
- Based on CEMS data, the permittee shall determine the NO_x emissions and control efficiencies for the demonstration equipment and each injector/load configuration.
- Once started the test shall be completed within 14 days. If the permit has not expired, the permittee may request additional time to complete the testing program from the Bureau of Air Regulation.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

- Within 45 days of completing the testing program, the permittee shall submit a report summarizing the following: test program and procedures, data collection methods, tested configurations, reagent injection rates and NOx reductions achieved. A copy of the report shall be submitted to the Compliance Authority.

MOBOTEC with MinPlus Project

The draft permit will authorize the temporary project to evaluate MOBOTEK with MinPlus system subject to the following conditions:

- The draft permit will be valid and allow testing within a 12-month window.
- At least 5 days prior to conducting the tests, the permittee shall provide a schedule of the test program to the Compliance Authority. The Compliance Authority may waive the 5-day advance notice requirement.
- The permittee shall determine the baseline mercury emissions prior to the demonstration project using the sorbent trap method.
- During the tests, the permittee shall record the sorbent injection rate for each MOBOTEK/load configuration.
- The permittee shall determine the mercury emissions and reductions for each configuration using the sorbent trap method.
- Once started, the tests shall be completed within 30 days. If the permit has not expired, the permittee may request additional time to complete the testing program from the Bureau of Air Regulation.
- Within 45 days of completing the MOBOTEK with MinPlus testing program, the permittee shall submit a report to the Bureau of Air Regulation summarizing the following: the test program and procedures data collection methods, tested configurations, sorbent injection rates, and mercury reductions achieved.

4. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. No air quality modeling analysis is required because the project does not result in a significant increase in emissions. Corrie Branum is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

DRAFT PERMIT

PERMITTEE

Gulf Power Company
One Energy Place
Pensacola, FL 32520-0328

Authorized Representative:
Penny Manuel, Vice President and SPO

Air Permit No. 0050014-012-AC
Permit Expires: (12 months from issuance)

Lansing Smith Plant
ARMS ID No. 0050014
SNCR/HERT and MOBOTECH Projects

PROJECT AND LOCATION

This permit authorizes Gulf Power Company to perform two demonstration projects to evaluate control technologies intended to reduce nitrogen oxides (NO_x) and mercury emissions. The proposed work will be conducted at the Lansing Smith Plant, which is an existing electrical generating power plant (SIC No. 4911). The facility is located in Bay County at 4300 County Road 2300 in Lynn Haven, Florida. The UTM coordinates are Zone 16, 625.03 km east, and 3349.08 km north.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

CONTENTS

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Emissions Unit Specific Conditions
- Section 4. Appendices

Executed in Tallahassee, Florida

(DRAFT)

Joseph Kahn, Director
Division of Air Resource Management

(Date)

SECTION 1. GENERAL INFORMATION (DRAFT)

FACILITY AND PROJECT DESCRIPTION

The purpose of this project is to authorize Gulf Power Company to conduct two temporary projects to evaluate control technologies intended to reduce NOx and mercury emissions for the Lansing Smith Plant. This facility is affected by the Clean Air Interstate Rule (CAIR) which regulates NOx emissions beginning in year 2009. Gulf Power's CAIR strategy for the Lansing Smith Plant includes the installation of a selective non-catalytic reduction (SNCR) system for Units 1 and 2. To determine the optimal urea injection locations for the SNCR system, Gulf Power will hire Advanced Combustion Technology to install a temporary SNCR rig and conduct high energy reagent technology (HERT) demonstration tests on Units 1 and 2 to assist in the development of the future control technologies.

The Lansing Smith Plant is also affected by the Clean Air Mercury Rule (CAMR), which requires statewide reductions in mercury emissions beginning in year 2010. Gulf Power is currently evaluating alternative mercury control technologies, including sorbent injection to increase mercury collection efficiencies from the existing pollution control equipment. Gulf Power has selected Reaction Engineering International to conduct a temporary demonstration project of MOBOTEC with MinPlus on Unit 2 to test the effectiveness for mercury collection. The test will be conducted to evaluate the best injection locations and furnace temperatures to achieve the maximum mercury reduction levels, so that an effective mercury reduction system can be designed.

This project affects the following existing emissions units.

EU No.	Description
001	Emissions Unit 001 is a tangentially fired, dry bottom boiler. It is rated at a maximum heat input of 1,944.8 MMBtu per hour when firing pulverized coal and 153 million British thermal units (MMBtu) per hour when firing distillate fuel oil. Pulverized coal is the primary fuel for the boiler and distillate fuel oil is used to fire the jet engine and as a back-up fuel for the boiler. This is a Phase II Acid Rain Unit which requires the installation and operation of continuous emissions monitors. Particulate matter emissions are controlled by a hot side (Buell Model # BAL 2X34N333-4-3P) and a cold side (General Electric Model # BE1.2X21(12)30-1.5-1.5-4.2P) electrostatic precipitator.
002	Emissions Unit 002 is a tangentially fired, dry bottom boiler. It is rated at a maximum heat input of 2,246.2 MMBtu per hour when firing pulverized coal and 76 MMBtu per hour when firing distillate fuel oil. Pulverized coal is the primary fuel for the boiler and distillate fuel oil is used to fire the jet engine and as a back-up fuel for the boiler. This is a Phase II Acid Rain Unit which requires the installation and operation of continuous emissions monitors. Particulate matter emissions are controlled by a hot side (Buell Model # BAL 2X34N333-4-3P) and a cold side (GE-ESI Model # BE2.1X(2-12's)(12)-30-111-4.3P) electrostatic precipitator.

REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility has units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400 (PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting Authority: The permitting authority for this project is the Bureau of Air Regulation, Division of Air Resource Management, Florida Department of Environmental Protection (DEP). The Bureau of Air Regulation's mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northwest District Branch Office.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northwest District Branch Office. The mailing address and phone number of the Northwest District Branch Office is: 160 Governmental Center, Pensacola, Florida 32505 and Phone number (850) 595-8300.
3. Appendices: The following Appendices are attached as part of this permit: Appendix A. (Citation Formats and Glossary of Common Terms) and Appendix B. (General Conditions).
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application and current Title V air operation permit. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Title V Permit: The scope of this temporary project is to develop information in support of a permanent project. A future request for permanent authorization would require a new air construction permit and subsequent revision to the Title V air operation permit. [Rule 62-213.400, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

B. SNCR/HERT Project

This section of the permit addresses the following emissions unit.

ID	Emission Unit Description
001	Boiler Number 1 (Phase II Acid Rain Unit)
002	Boiler Number 2 (Phase II Acid Rain Unit)

1. Other Permits: This permit supplements all other air construction and operation permits for the affected emissions units and does not alter any requirements from such previously issued air permits. The permittee shall comply with all applicable requirements in the current Title V air operation permit.
2. Authorization: The permittee is authorized to conduct the temporary demonstration project to evaluate the SNCR/HERT system for EU-001 and EU-002. Temporary equipment associated with this project includes a selective non-catalytic reduction system. [Application No. 0050014-012-AC]
3. Compliance Authority: At least 5 days prior to conducting the tests, the permittee shall provide a schedule of the test program to the Compliance Authority. The Compliance Authority may waive the 5-day advance notice requirement. The schedule may be updated as necessary.
4. NOx Emissions: Based on existing continuous emissions monitoring system (CEMS) data, the permittee shall determine the baseline NOx emissions before the demonstration project. During the tests, the permittee shall record the reagent injection rate for each injector location and load configuration. Based on CEMS data, the permittee shall determine the NOx emissions and control efficiencies for the demonstration equipment and each injector/load configuration.
5. Test Schedule: Once started, the test shall be completed within 14 days. If the permit has not expired, the permittee may request additional time to complete the testing program from the Bureau of Air Regulation.
6. Report: Within 45 days of completing the testing program, the permittee shall submit a report summarizing the following: test program and procedures, data collection methods, tested configurations, reagent injection rates and NOx reductions achieved. A copy of the report shall be submitted to the Compliance Authority.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

B. MOBOTECH with MinPlus

This section of the permit addresses the following emissions unit.

ID	Emission Unit Description
002	Boiler Number 2 (Phase II Acid Rain Unit)

1. Other Permits: This permit supplements all other air construction and operation permits for the affected emissions units and does not alter any requirements from such previously issued air permits. The permittee shall comply with all applicable requirements in the current Title V air operation permit.
2. Authorization: The permittee is authorized to conduct the temporary demonstration project to evaluate the MOBOTECH with MinPlus system. Temporary equipment associated with this project includes a modified furnace/burner design and a dry sorbent injection consisting of a sorbent storage bin, a positive displacement blower, and rotary feeders. [Application No. 0050014-012-AC]
3. Compliance Authority: At least 5 days prior to conducting the tests, the permittee shall provide a schedule of the test program to the Compliance Authority. The Compliance Authority may waive the 5-day advance notice requirement. The schedule may be updated as necessary.
4. Mercury Emissions: The permittee shall determine the baseline mercury emissions prior to the demonstration project using the sorbent trap method. During the tests, the permittee shall record the sorbent injection rate for each MOBOTECH/load configuration. The permittee shall determine the mercury emissions and reductions for each configuration using the sorbent trap method.
5. Test Schedule: Once started, the tests shall be completed within 30 days. If the permit has not expired, the permittee may request additional time to complete the testing program from the Bureau of Air Regulation.
6. Report: Within 45 days of completing the MOBOTECH with MinPlus testing program, the permittee shall submit a report to the Bureau of Air Regulation summarizing the following: the test program and procedures data collection methods, tested configurations, sorbent injection rates, and mercury reductions achieved.

SECTION 4. APPENDICES
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Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

SECTION 4. APPENDIX A
CITATION FORMATS AND GLOSSARY OF COMMON TERMS

CITATION FORMATS

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: “AC” identifies the permit as an Air Construction Permit
“AO” identifies the permit as an Air Operation Permit
“123456” identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: “099” represents the specific county ID number in which the project is located
“2222” represents the specific facility ID number for that county
“001” identifies the specific permit project number
“AC” identifies the permit as an air construction permit
“AF” identifies the permit as a minor source federally enforceable state operation permit
“AO” identifies the permit as a minor source air operation permit
“AV” identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: “PSD” means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality
“FL” means that the permit was issued by the State of Florida
“317” identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

SECTION 4. APPENDIX B
GENERAL CONDITIONS

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy and records that must be kept under the conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of non-compliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S.. Such evidence

SECTION 4. APPENDIX B
GENERAL CONDITIONS

shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (not applicable);
 - b. Determination of Prevention of Significant Deterioration (not applicable); and
 - c. Compliance with New Source Performance Standards (not applicable).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - 1) The date, exact place, and time of sampling or measurements;
 - 2) The person responsible for performing the sampling or measurements;
 - 3) The dates analyses were performed;
 - 4) The person responsible for performing the analyses;
 - 5) The analytical techniques or methods used; and
 - 6) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.