

FINAL DETERMINATION

DESTEC / Tiger Bay Cogen

Amendment of Permit No. 1050223-003-AC  
Tiger Bay Cogen Combined Cycle Unit

**RECEIVED**  
JAN 10 1997

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

An Intent to Issue an air construction permit amendment for DESTEC / Tiger Bay Limited Partnership, Tiger Bay Cogen Combined Cycle Unit located five miles west of Ft. Meade, Polk County was distributed on November 21, 1996. The Notice of Intent was published in the The Ledger of Lakeland, Polk County on December 2, 1996. Comments were not submitted in response to the public notice. DESTEC recommended a clarification in Specific Condition No. 15(a) as to the final NO<sub>x</sub> limits while firing distillate fuel oil. It is consistent with limit of 42 ppm given elsewhere in the permit.

The final action of the Department will be to issue the permit amendment as proposed, except with the clarification cited by DESTEC.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF FINAL PERMIT AMENDMENT

In the Matter of an  
Application for Permit Amendment

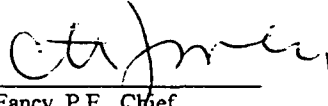
Mr. Jeffrey M. Keenan  
DESTEC Energy, Inc.  
Post Office Box 4411  
Houston, Texas 77210-4411

DEP File No. 1050223-003-AC  
PSD-FL-190

Enclosed is a letter that amends Permit Number PSD-FL-190. This letter amends Specific Condition No. 15(a) to extend the 15 ppm NOx compliance date from December 31, 1997 to December 31, 1998. This permit amendment is issued pursuant to Section 403, Florida Statutes.

Any party to this order (permit) 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 14 (fourteen) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

  
C.H. Fancy, P.E., Chief  
Bureau of Air Regulation

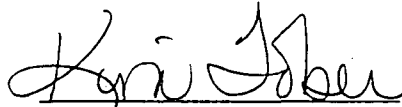
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT AMENDMENT (including the FINAL permit amendment) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 1-8-97 to the person(s) listed:

Mr. Jeffrey M. Keenan, DESTEC \*  
Mr. Jeffrey J. Fassett, DESTEC \*  
Mr. Brian Beals, EPA  
Mr. John Bunyak, NPS  
Mr. Bill Thomas, SWD  
Mr. Roy Harwood, Polk County

Clerk Stamp

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

  
(Clerk)

1-8-97  
(Date)



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

January 8, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Jeffrey J. Fassett  
Senior Plant Engineer  
DESTEC / Tiger Bay Limited Partnership  
3219 State Road 630 West  
Fort Meade, Florida 33841

Re: FINAL Permit Amendment No. 1050223-003-AC (PSD-FL-190)  
Tiger Bay Cogen, Combined Cycle Unit

Dear Mr. Fassett:

The Department has reviewed DESTEC / Tiger Bay's October 23 letter requesting an amendment to its permit to extend the compliance date for achievement of the 15 parts per million nitrogen oxides (15 ppm NO<sub>x</sub>) emission limit. This request is acceptable and the permit is hereby amended as follows:

**Specific Condition 15(a)**

FROM: For this turbine, if the 15 (gas)/42 (oil) ppmvd, corrected to 15% O<sub>2</sub> emission rates cannot be met by 12/31/97, SCR or other control technology will be installed. Hence the permittee shall install a duct module suitable for future installation of SCR equipment.

TO: The NO<sub>x</sub> maximum emission limit of 97.2 pounds per hour (equivalent to 15 ppm @ 15% O<sub>2</sub>) firing gas/326 pounds per hour (equivalent to 42 ppm @ 15% O<sub>2</sub>) firing distillate fuel oil will be achieved not later than 12/31/98 using appropriate combustion technology improvements or SCR.

**Table 1, Footnote B**

FROM: The NO<sub>x</sub> maximum limit will be lowered to 97.2 (lbs/hr) equivalent to 15 ppmvd @ 15% O<sub>2</sub> not later than 12/31/97 using appropriate combustion technology improvements or SCR.

TO: The NO<sub>x</sub> maximum emission limit of 97.2 pounds per hour (equivalent to 15 ppm @ 15% O<sub>2</sub>) will be achieved not later than 12/31/98 using appropriate combustion technology improvements or SCR.

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

Sincerely,

Howard L. Rhodes, Director  
Division of Air Resources Management

HLR/aal/hh

Enclosures