

Best Available Copy
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 NOx) 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% O₂ 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 NOx maximum emission limit of 97.2 pounds per hour (equivalent to 15 ppm @ 15% O₂) firing gas/326 pounds per hour (equivalent to 42 ppm @ 15% O₂) 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 NOx maximum limit will be lowered to 97.2 (lbs/hr) equivalent to 15 ppmvd @ 15% O₂ not later than 12/31/97 using appropriate combustion technology improvements or SCR.

TO: The NOx maximum emission limit of 97.2 pounds per hour (equivalent to 15 ppm @ 15% O₂) 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
1253. Permit Book

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

1253, 2.2.5.1.1

1253.2.1.1.2.1.2

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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

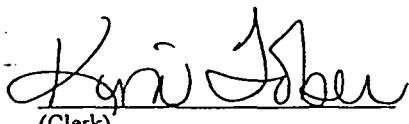
CERTIFICATE OF SERVICE

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)

JAN 13 1997

FINAL DETERMINATION

DESTEC / Tiger Bay Cogen

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

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_x 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.

ATTACHMENT TB-EU3-B6

EMISSIONS UNIT COMMENT

FUGITIVE/DEMINIMIS/TRIVIAL ACTIVITIES LIST

Title V Permitting, Tiger Bay Limited Partnership, Ft. Meade, Florida

Area	Emission Unit Description	Type/ Pollutant	Status (a)
	Condenser Pumps (2)	Fugitive	TR
	Condenser	Vent	TR
CT Turbine Area	Lube Oil Reservoir (700 gal) (Mist Eliminator)	Vent/VOC	UR
	Turbine/Generator Fire System (CO ₂ , 6 ton capacity)	Fugitive	ER
	Turbine Cooling Air	Vent	TR
	Various Pumps (sumps, condensate, etc.)	Fugitive	TR
	Miscellaneous Drains Tank	Vent	TR
	Generator H ₂ /CO ₂ System	Fugitive	TR
	Hydraulic Equipment	Fugitive	TR
	Natural Gas Release Valve	Vent	TR
	Ammonia Unloading (aqueous)	Fugitive	UR
	Ammonia Tank (aqueous)	Vent	UR
	Ammonia Slip (vaporizers)	Fugitive	UR
HRSG	Natural Gas Release Valve	Vent	TR
	Various Steam Vents & Pressure Relief Valves	Vents	TR
	Turbine Wash System	Vent	TR
	HP Steam Vent	Vent	TR
	Blowdown Quench Tank	Vent	TR
	Various Pumps (feedwater, and chemical feed)	Fugitive	TR
Boiler Chemical Feed Skid	Conquor 3583 Tank 1 @ 2755 lb	Vent	TR
	Burolock HP 06 Tank 1 @ 3200 lb	Vent	TR
	Conquor 3475 Tank 1 @ 2790 lb	Vent	TR

FUGITIVE/DEMINIMIS/TRIVIAL ACTIVITIES LIST

Title V Permitting, Tiger Bay Limited Partnership, Ft. Meade, Florida

Area	Emission Unit Description	Type/ Pollutant	Status (a)
General Site	Boiler Feed Water Pumps (2)	Fugitive	TR
	Brazing, Soldering or Welding	Fugitive	ER
	Plant Grounds Maintenance	Fugitive	TR
	Routine Maintenance	Fugitive	TR
	Oil/Water Separator	Fugitive	TR
	CEM Equipment & Calibration Gas Venting	Fugitive	TR
	Air Compressed System	Vent	TR
	Non-Halogenated Solvent	Fugitive	ER
	Portable Maintenance Equipment Diesel Engine	Stack	UR/ER
	Steam Line to customer(4 in Vent)	Vent	TR
Lube Oil storage tank (9,500 gal)(TK-010)	Vent	UR	
Substation	Transformers and Associated Equipment (5 transformers) (MT-001,MT-002, AT-001A & B, AT-003)	Fug./VOC	TR
Parking Lot	Vehicles	Exhausts	ER
	Vehicles	Fugitive	UR

(a) TR = Trivial (as provided by FDEP policy memorandum dated April 19, 1996 DARM-PER/V-15).
 ER = Exempt by Rule 62-210.300(3)(a).
 UR = Unregulated.