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APR 20 2001

BUREAU OF AIR REGULATION

April 19, 2001

Mr. A.A. Linero  
New Source Review Section  
Bureau of Air Regulation  
Florida Department of Environmental Protection  
111 South Magnolia Avenue, Suite 4  
Tallahassee, FL 32301

**Via FedEx**  
**Airbill No.** 7915 3265 4937

**Re: DEP File No. 0570038-002-AC**  
**Hookers Point Station - Installation of 30 Internal Combustion Engines**

Dear Mr. Linero:

Tampa Electric Company has reviewed the letter dated April 17, 2001 from EPA regarding the above referenced project. The Agency is concerned that the netting analysis used to calculate the NO<sub>x</sub> impacts as a result of operating the diesel oil fired internal combustion engine generators may not comport with the procedure as defined in 62-212.400(2)(e)(4)c., F.A.C. In order to resolve this issue, the Agency recommends that TEC limit the hours of engine operation such that the units, in aggregate, do not emit more than 582 tons of NO<sub>x</sub> per twelve month period. Based on an emission rate of 52.69-lb NO<sub>x</sub>/hr, TEC calculates this limit to be 22,091 full load aggregate engine hours per twelve-month period. By emitting only 582 tons of NO<sub>x</sub> from the proposed mobile generators, TEC understands that it may still utilize the existing units serving Hookers Point such that they do not emit more than 100 tons per twelve-month period. As such, TEC accepts the suggestion of EPA to limit the emissions from the mobile generators to 582 tons of NO<sub>x</sub> per twelve-month period.


Mr. A.A. Linero

Page 2 of 2

April 19, 2001

TEC appreciates the opportunity to comment on this issue and if you have questions, please feel free to call Shannon Todd or me at (813) 641-5125.

Sincerely,

A handwritten signature in cursive script that reads "Karen Sheffield".

Karen Sheffield  
General Manager  
Hookers Point Station

EP\gm\

c: J. Kissel, SWD

J. Campbell, EPCHC

A. Harman, EPCHC

S. Arif, FDEP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

ATLANTA FEDERAL CENTER  
61 FORSYTH STREET  
ATLANTA, GEORGIA 30303-8960

APR 17 2001

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APR 20 2001

4 APT-ARB

A. A. Linero, P.E.  
FL Department of Environmental Protection  
Mail Station 5500  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

BUREAU OF AIR REGULATION

Dear Mr. Linero:

Thank you for sending the preliminary determination and draft air construction permit for Hookers Point Station dated March 29, 2001. The preliminary determination is for the proposed installation and operation of 30 diesel fuel-fired internal combustion (IC) engines with a total nominal generating capacity of 54.75 MW to be located at an existing facility in Tampa, Florida. The existing facility currently operates six boilers which fire No. 6 fuel oil and on-specification used oil. As proposed, the project avoids prevention of significant deterioration (PSD) review for all pollutants by limiting the total facility emissions and restricting the new IC engines' hours of operation.

Based on our review of the preliminary determination and draft air construction permit, we feel that PSD has not been successfully avoided for the 30 new IC engines. Outlined below is the reason for this determination and possible remedies.

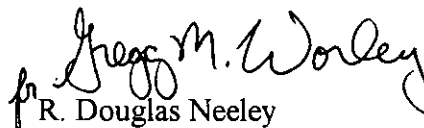
The preliminary determination and draft permit proposes a limit of 100 tons per year of nitrogen oxide (NO<sub>x</sub>) emissions for the six existing boilers. This results in a 542.5 tons per year decrease in creditable NO<sub>x</sub> emissions that can be used in a netting analysis. According to Rule 62-212.400(2)(e)(4)c., F.A.C., a creditable emissions decrease is a decrease in the actual emissions only if the old level of actual emissions exceeds the new level of actual emissions. In accordance with Rule 62-210.200(12)(c), F.A.C. for any emissions unit (other than an electric utility steam generating unit) which has not begun normal source operations on a particular date, actual emissions shall equal the potential emissions of the emissions unit on that date.

In the draft permit, Section III, condition 7 limits emissions from the combination of the existing boilers and the new IC engines to 682 tons per year of NO<sub>x</sub> emissions. Potentially, the new IC engines could emit the entire 682 tons per year of NO<sub>x</sub> emissions if the six existing boilers did not operate at all in the consecutive 12 month period. Therefore, a netting calculation would yield a net increase of 139.5 tons per year of NO<sub>x</sub> emissions, which is greater than the PSD NO<sub>x</sub> significant emission rate of 40 tons per year.

For the new IC engines to avoid PSD review for NO<sub>x</sub> emissions, EPA suggests the final permit should contain practically enforceable limits on fuel oil consumption and/or hours of operation which correspond to 582 tons per year of NO<sub>x</sub> emissions from the IC engines.

If you have any questions regarding these comments, please direct them to either Katy Forney at 404-562-9130 or Jim Little at 404-562-9118.

Sincerely,



R. Douglas Neeley  
Chief

Air and Radiation Technology Branch  
Air, Pesticides and Toxics  
Management Division

cc: J. Arif.  
C. Halladay  
G. Kessel, SWD  
B. Owen  
J. Davis, ECT  
G. Campbell, HCEPC  
G. Bunnah



April 10, 2001

RECEIVED

APR 11 2001

BUREAU OF AIR REGULATION

Mr. Clair Fancy  
Florida Department of Environmental Protection  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Via Fed Ex  
Airbill No. 7900 2093 3727

**Re: Tampa Electric Company (TEC) – Hookers Point Station  
Mobile Generator Installation Air Construction Permit  
Affidavit of Publication**

Dear Mr. Fancy:

Please find enclosed the original Affidavit of Publication from the Tampa Tribune, as required by 62-110.106(5), F.A.C. This public notice was published in the legal section of the Tampa Tribune on Wednesday April 4, 2001. If you have any questions, please feel free to telephone Shannon Todd or me at (813) 641-5125.

Sincerely,

Laura R. Crouch  
Manager-Air Programs  
Environmental Affairs

EP\gm\SKT248

Enclosure

c: Mr. Tom Davis - ECT  
Mr. Buck Oven, FDEP  
Mr. Scott Sheplak, FDEP  
Mr. Jerry Kissel - FDEP SW

*S. Arif*  
*C. Valladay*  
*J. Campbell, HCEPC*  
*H. Worley, EPA*  
*G. Bismuth, NPS*

TAMPA ELECTRIC COMPANY  
P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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HTTP://WWW.TECOENERGY.COM

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HILLSBOROUGH COUNTY (813) 223-0800  
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800

BUREAU OF AIR REGULATION

APR 11 2001

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**THE TAMPA TRIBUNE**  
**Published Daily**  
**Tampa, Hillsborough County, Florida**

State of Florida )  
 County of Hillsborough ) ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

in the matter of \_\_\_\_\_

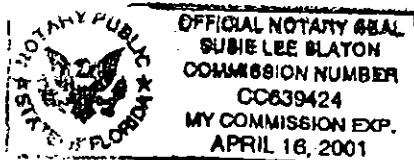
PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of \_\_\_\_\_  
 APRIL 4, 2001

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

Sworn to and subscribed by me, this 6 day  
 of APRIL, A.D. 20 01

Personally Known ☒ or Produced Identification \_\_\_\_\_  
 Type of Identification Produced \_\_\_\_\_



*Susie Lee Blaton*

**PUBLIC NOTICE OF INTENT TO  
ISSUE AIR CONSTRUCTION  
PERMIT**

**STATE OF FLORIDA  
DEPARTMENT OF  
ENVIRONMENTAL  
PROTECTION**

DEP File No. 0570038-002-AC  
Hookers Point Station,  
Tampa Electric Company  
Tampa, Hillsborough County  
The Department of Environ-  
mental Protection (Depart-  
ment) gives notice of its intent  
to issue an air construction  
permit to Tampa Electric Com-  
pany (TEC), for the Hookers  
Point Station located at 1700  
Hemlock Street, Tampa, Hills-  
borough County. The permit is  
to install thirty internal com-  
bustion (IC) Engines, each rated  
at 1,525 MW nominal at the  
existing facility. A Best Avail-  
able Control Technology  
(BACT) determination was not  
required pursuant to Rule 62-  
212.400, F.A.C. and 40 CFR  
52.21. Prevention of Signifi-  
cant Deterioration (PSD). The  
applicant's mailing address is:  
Tampa Electric Company, Post  
Office Box 111, Tampa FL  
33601-0111.

In order to ensure that a BACT  
determination is unnecessary,  
the Department will apply a fa-  
cility-wide emissions cap for  
nitrogen oxides (NOx) and lim-  
it the total operating hours for  
the thirty IC engines. The re-  
striction in the operating hours  
will provide reasonable assur-  
ance that emissions of the re-  
maining criteria pollutants will  
remain below the significant  
net emission increase thresh-  
olds. The Department will also  
restrict NOx emissions from  
the existing boilers to 100 tons  
per year. The Department will  
require the use of Continuous  
Emission Monitoring Systems  
(CEMS) for the measurement  
of NOx from the existing six  
boilers and run-time meters  
for the thirty IC engines. The IC  
engines will be fired exclusiv-  
ely with low-sulfur (maximum  
of 0.05 weight percent sulfur)  
diesel fuel oil and will only op-  
erate at 100 percent load. The  
IC engines will operate for a  
period of two years primarily  
during summer and will cease  
operation in June 2003.

An air quality impact analysis  
was not conducted. Emissions  
from the facility will not con-  
sume PSD increment and will  
not significantly contribute to  
or cause a violation of any  
state or federal ambient air  
quality standards. The project  
has an insignificant impact on  
the Chassahowitzka PSD Class  
I area.

The Department will issue the  
Final permit with the attached  
conditions unless a response  
received in accordance with  
the following procedures re-  
sults in a different decision or  
significant change of terms or  
conditions.

The Department will accept  
written comments concerning  
the proposed permit issuance  
action for a period of 14 (four-  
teen) days from the date of  
publication of this Public No-  
tice of Intent to Issue Air Con-  
struction Permit. Written com-  
ments should be provided to  
the Department's Bureau of Air  
Regulation at 2500 Blair Stone  
Road, Mail Station #5305, Tal-  
lahassee, FL 32399-7400. 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 De-  
partment shall revise the pro-  
posed permit and require, if  
applicable, another Public No-  
tice.

Part I

The Department will issue the  
permit with the attached con-  
ditions unless a timely petition  
for an administrative hearing  
is filed pursuant to sections  
120.569 and 120.57 F.S., before  
the deadline for filing a peti-  
tion. The procedures for peti-  
tioning for a hearing are set  
forth below. Mediation is not  
available in this proceeding.  
A person whose substantial in-  
terests are affected by the pro-  
posed permitting decision  
may petition for an adminis-  
trative proceeding (hearing)  
under sections 120.569 and  
120.57 of the Florida Statutes.  
The petition must contain the  
information set forth below  
and must be filed (received) in  
the Office of General Counsel  
of the Department at 3900  
Commonwealth Boulevard,  
Mail Station #35, Tallahassee,  
Florida, 32399-3900. Petitions  
filed by the permit applicant or  
any of the parties listed below  
must be filed within fourteen  
days of receipt of this notice of  
intent. Petitions filed by any  
persons other than those enu-  
lied to written notice under  
section 120.60(3) of the Florida  
Statutes must be filed within  
fourteen days of publication of  
the public notice or within  
fourteen days of receipt of this  
notice of intent, whichever oc-  
curs first. Under section  
120.60(3), however, any per-  
son who asked the Department  
for notice of agency action  
may file a petition within four-  
teen days of receipt of that no-  
tice, regardless of the date of  
publication. A petitioner shall  
mail a copy of the petition to  
the applicant at the address in-  
dicated above at the time of fil-  
ing. The failure of any person  
to file a petition within the ap-  
propriate time period shall  
constitute a waiver of that per-  
son's right to request an ad-  
ministrative 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 compli-  
ance with Rule 20-106.205 of  
the Florida Administrative  
Code.

A petition that disputes the  
material facts on which the De-  
partment's action is based  
must contain the following in-  
formation: (a) The name and  
address of each agency affect-  
ed 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 inter-  
ests 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

Part II

fact. If there are none, the peti-  
tion must so indicate; (e) A  
concise statement of the ulti-  
mate facts alleged, including  
the specific facts the petiti-  
oner contends warrant reversal  
or modification of the agency's  
proposed action; (f) A state-  
ment of the specific rules or  
statutes the petitioner con-  
tends require reversal or modi-  
fication of the agency's pro-  
posed action; and (g) A state-  
ment of the relief sought by the  
petitioner, stating precisely  
the action petitioner wishes  
the agency to take with re-  
spect to the agency's pro-  
posed action.

A petition that does not dis-  
pute 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 ac-  
tion may be different from the  
position taken by it in this no-  
tice. Persons whose substan-  
tial interests will be affected  
by any such final decision of  
the Department on the appli-  
cation have the right to peti-  
tion to become a party to the  
proceeding. In accordance  
with the requirements set  
forth above.

A complete project file is avail-  
able for public inspection dur-  
ing 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  
Dept. of Environmental  
Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619-9218  
Telephone: 813/744-6100  
Fax: 813/744-6084  
Hillsborough County  
Environmental Protection  
Commission

1900 Ninth Avenue  
Tampa, Florida 33605  
Telephone: 813/272-5960  
Fax: 813/272-5157  
The complete project file in-  
cludes the application, techni-  
cal evaluations, Draft permit,  
and the information submitted  
by the responsible official, ex-  
clusive of confidential records  
under Section 403.111, F.S. In-  
terested persons may contact  
the Administrator, New Source  
Review Section, at 111 South  
Magnolia Drive, Suite 4, Tal-  
lahassee, Florida 32301, or call  
850/488-0114, for additional in-  
formation.

Part III

2090 4/4/01



TAMPA ELECTRIC

February 15, 2001

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FEB 16 2001

BUREAU OF AIR REGULATION

Mr. Syed Arif  
New Source Review Section  
Florida Department of Environmental Protection  
111 South Magnolia Drive, Suite 4  
Tallahassee, FL 32301

Via FedEx  
Airbill No. 7919 7422 6668

Re: Tampa Electric Company (TEC) – Hookers Point Station  
Temporary Generation Project

Dear Mr. Arif:

Per our telephone conversation on February 14, 2001, I have enclosed the revised page from the permit application addressing the above referenced project. In addition, I have included the operating hours for all six Hookers Point boilers for 1998 and 1999 in the table below. As the data demonstrates, the hours of operation for the station vary normally due to increased demand and normal weather fluctuations.

	Unit 1 [hours/year]	Unit 2 [hours/year]	Unit 3 [hours/year]	Unit 4 [hours/year]	Unit 5 [hours/year]	Unit 6 [hours/year]
1998	1,553	1,404	1,467	1,878	1,954	1,028
1999	1,334	1,156	1,864	2,087	2,460	1,712
Average	1,444	1,280	1,666	1,983	2,207	1,370

Thank you for your continued effort in processing the permit application. If you have any questions, please telephone me at (813) 641-5125.

Sincerely,

Shannon K. Todd  
Environmental Engineer  
Environmental Affairs

EP\gm\SKT238

Enclosure

c(enc) Mr. Jerry Campbell, EPCHC  
Mr. Scott Sheplak, FDEP  
Mr. Syed Arif, FDEP  
Mr. Bill Thomas, FDEP - SWD

TAMPA ELECTRIC COMPANY  
P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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HILLSBOROUGH COUNTY (813) 223-0800  
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800



**Construction/Modification Information**

1. Description of Proposed Project or Alterations:

**Project consists of the addition of thirty (30) Caterpillar XQ2000 Power Modules. Each Power Module consists of one Caterpillar 3516B 16-cylinder, 4-stroke cycle diesel internal combustion (IC) engine and one Caterpillar SR4B generator. The Caterpillar 3516B IC engine has a power output rating of 2,593 brake horsepower (bhp) at 100% load. The Caterpillar SR4B generator has a power output rating of 1,825 kilowatts (kW) at 100% load.**

**The Caterpillar 3516B IC engines will be fired exclusively with low sulfur (maximum of 0.05 weight % sulfur) diesel fuel oil and will only operate at 100% load. The 30 Caterpillar XQ2000 Power Modules will be operated in conjunction with existing Hookers Point Units 1 through 6 such that total Hookers Point Station emissions will remain below the PSD significant emission rate thresholds for major modifications. Assuming no operation of the existing Hookers Point Station units, the 30 IC engines will operate no more than a total of 25,897 engine-hours per year.**

2. Projected or Actual Date of Commencement of Construction: **March 1, 2001**

3. Projected Date of Completion of Construction: **May 1, 2001**

**Application Comment**

**B. EMISSIONS UNIT CAPACITY INFORMATION**  
**(Regulated Emissions Units Only)**

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	<b>16.8</b>	mmBtu/hr
2. Maximum Incineration Rate:		lb/hr                      tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	<b>24</b> hours/day	<b>7</b> days/week
	<b>52</b> weeks/year	<b>*</b> hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):	<p><b>* The 30 Caterpillar XQ2000 Power Modules will be operated in conjunction with existing Hookers Point Units 1 through 6 such that total Hookers Point Station emissions will remain below the PSD significant emission rate thresholds for major modifications. Assuming no operation of the existing Hookers Point Station units, the 30 IC engines will operate no more than a total of 25,897 engine-hours per year.</b></p> <p><b>See Attachment E. for details.</b></p>	
7.		

**LWG**

**Lake Worth Generation, LLC**

February 15, 2001

Mr. C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
New Source Review Section  
Florida Department of Environmental Protection  
Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RECEIVED**  
**FEB 16 2001**  
**BUREAU OF AIR REGULATION**

Subject: DEP File No. 099-0568-001-AC / PSD-FL-266  
Lake Worth Generation, L.L.C. Combined Cycle Project

Attention: A. A. Linero, P.E., Administrator, New Source review Section

Dear Mr. Linero:

Please be informed that Lake Worth Generation, LLC ("LWG") has notified the Department's Southeast District Office that the project has commenced construction according to the definition in Rule 62-210.200 F.A.C. (please see attached letter). LWG has entered into substantial contracts (described below) as part of a continuous program for the construction of the facility, which have substantial penalties if canceled or modified.

Under the terms of the Permit, LWG will require an extension of the expiration date of the above referenced permit. As identified in the permit application and described in the description of the emission units, the Lake Worth Generation Project is the repowering of several existing units at the City of Lake Worth's Tom G. Smith Power Plant with modern combined cycle technology. Prior to and since the issuance of the air construction permit in November 1999, substantial engineering work has been performed to evaluate the existing status of the equipment and the work necessary for interconnection with the combined cycle unit and utility grid. The final issuance of the air construction permit that included a modification to the VOC emissions for the duct burner system was effective on August 30, 2000.

Interconnection of the combined cycle unit will require both demolition of certain existing facilities and relocation of certain utilities. In addition, as the available space within the existing power plant site is limited, certain facilities must be relocated. Activities that have been performed and completed include:

- Location of a 10 acre alternative site for City of Lake Worth Public Works Department,
- Contracting for the alternative site,
- Annexation by the City of the alternative site,
- Rezoning by the City of the alternative site, and
- Filing for permits and approvals for the alternative site.
- Payments to the City of Lake Worth for relocation of buildings

## **LWG**

Florida Department of Environmental Protection  
Page 2

Additional activities associated with the coordination of relocating City employees will include the time necessary for the physical move of the Public Works Department and demolition of the existing facilities.

The LWG has signed a contract and provided significant payments for the General Electric Frame 7FA combustion turbine for the project. The contract for the turbine is dated August 13, 1999 and its delivery is scheduled for shipment January 2002. In addition, the project has contracted with the Florida Public Utilities Company in a Gas Transportation Agreement dated July 21, 2000 for the natural gas pipeline lateral to the site. Rights-of-way have been obtained and physical construction on this interconnection with the Florida Gas Transmission Pipeline will begin shortly. Notice to proceed with construction was released to FPUC on February 13, 2001

Taken together, these activities require an extension of the expiration of the permit to accommodate the completion of construction and final testing of the combined cycle unit. Since construction at an existing site is more difficult, the physical construction effort is expected to take 30 months. The requested expiration date is December 31, 2003. This timeframe allows LWG to make application for a Title V permit at least 90 days prior to the expiration of the air construction permit. Upon completion, the project will comply with the standards and conditions of the air construction permit and applicable regulations.

Your expeditious handling of this permit extension would be appreciated. Please contact us should you require additional information.

Sincerely,



Brian Chatlosh  
Manager

cc: Paul Doherty, P.E., LWG  
Kennard Kosky, P.E., Golder Associates  
Len Shapiro, Energy Resources Group, Inc.  
Joseph A. McGlothlin, McWirtter, Reeves, McGlothlin, Davidson, Rief and Bakas, P.A.

**LWG**

**Lake Worth Generation, LLC**

February 15, 2001

Florida Department of Environmental Protection  
Southeast District Office  
400 North Congress Avenue  
West Palm Beach, FL 33401

**RECEIVED**

FEB 16 2001

BUREAU OF AIR REGULATION

Subject: DEP File No. 099-0568-001-AC / PSD-FL-266  
Lake Worth Generation, L.L.C. Combined Cycle Project  
Notification of Commencing Construction

Attention: Mr. Isadore Goldman, P.E., Administrator Air Resources Management

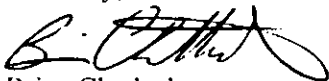
Dear Mr. Goldman:

Lake Worth Generation, L.L.C. ("LWG") hereby provides notification pursuant to 40 CFR Part 60, Section 60.7(a)(1) that the facility has commenced construction. LWG has entered into a substantial number of binding Project contracts among which contracts include the release for Nepco Construction's engineering work of onsite modifications, demolition and utility relocation, production release of the General Electric combustion turbine generator unit, and construction of an approximate seven (7) mile Project dedicated natural gas pipeline from the Florida Gas Transmission pipeline to the Project site. Notice to proceed with the PSC approved pipeline contract was released to Florida Public Utilities Company on February 13<sup>th</sup>, 2001.

Copies of this notice are being provided to Palm Beach County Health Department and EPA Region IV.

Please contact us if you should require any additional information.

Sincerely,



Brian Chatlosh  
Manager

cc: Palm Beach County Health Department, Air Pollution Control Section  
Environmental Protection Agency Region IV, Air Programs Branch

addresses: Palm Beach County Health Department  
Air Pollution Control Section  
P.O. Box 29  
West Palm Beach, FL 33402-0029

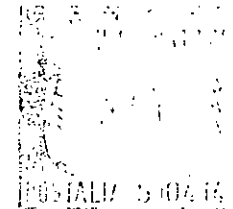
Environmental Protection Agency Region IV  
Air Programs Branch  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

MS 5505  
STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

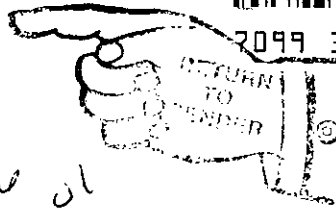
CERTIFIED MAIL



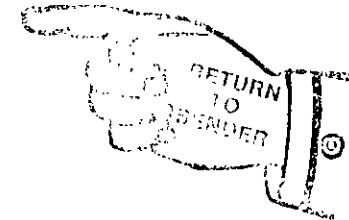
2099 3400 0000 1449 4338



UNCLAIMED



UNCLAIMED



Mr. Darryl Scott  
General Manager  
Tampa Electric Company  
1700 Hemlock Street  
Tampa, FL 33605-6660

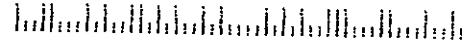
UNCLAIMED

UNCLAIMED

NAME \_\_\_\_\_  
1st Notice 2-01-2002  
2nd Notice 2-06-2002  
Return 2-11-2002

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33605-6660 3400



7099 3400 0000 1449 433A

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
Article Sent To:	
Mr. Darryl Scott	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Name (Please Print Clearly) (to be completed by mailer)	
Mr. Darryl Scott	
Street, Apt. No., or PO Box No.	
1700 Hemlock St	
City, State, ZIP+4	
Tampa, FL 33605-6660	
PS Form 3800, July, 1999	
See Reverse for Instructions	

*Handwritten signature and postmark*



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

January 30, 2001

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Darryl Scott  
General Manager  
Tampa Electric Company  
1700 Hemlock Street  
Tampa, Florida 33605-6660

Re: Request for Additional Information  
DEP File No. 0570038-002-AC  
Hookers Point Station - Installation of 30 internal combustion engines

Dear Mr. Scott:

On January 23, 2001 the Department received your application for a modification to the air construction permit for the existing Hookers Point Facility. This modification is intended to add thirty internal combustion engines to the facility. The application is incomplete. In order to continue processing your application, the Department will need the additional information requested below. Should your response to any of the below items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

1. Page 14 of the application requests 8,760 hours per year operation for the referenced internal combustion engines. Based on full time operation of the engines, the facility will not have enough offsets available, specifically for  $\text{NO}_x$ , to remain below the PSD significant emission rate thresholds for major modification. If the intent of the project is to limit the hours of operation of the thirty internal combustion engines, then resubmit the maximum operating schedule and recalculate emissions for all the affected pollutants.
2. If available, please provide emissions data for the six boilers for the year 2000. Also, provide the operating hours history for all six boilers. Please explain the reasons for the pollutant emissions, specifically  $\text{NO}_x$  and  $\text{SO}_2$ , to be high in 1999 for boilers number 3, 4, 5 and 6 as compared to other years.
3. The Caterpillar Diesel Generator Set Performance Data as submitted with the application indicates that the diesel engine  $\text{NO}_x$  emission limit in California is 6.9 g/hp-hr whereas for this project an emission limit of 9.22 g/hp-hr is being proposed. Please indicate if the California emission limit is established with some add-on controls. If not, then why is the same limit not proposed for this project.

"More Protection, Less Process"

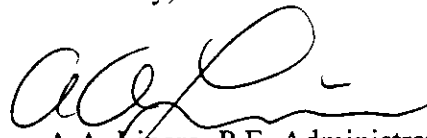
Printed on recycled paper.



Mr. Darryl Scott  
Request for Additional Information  
Page 2 of 2  
January 30, 2001

The Department will resume processing your application after receipt of the requested information. Rule 62-4.050(3), F.A.C. requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. Material changes to the application should also be accompanied by a new certification statement by the authorized representative or responsible official. Permit applicants are advised that Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within 90 days. We are still waiting for comments from the Southwest District as well as Hillsborough County. Those comments will be forwarded to you as soon as we receive them. If there are any questions, please call Syed Arif at 850/921-9528.

Sincerely,

 1/30  
A.A. Linero, P.E. Administrator  
New Source Review Section

AAL/sa

cc: J. Kissel, SWD  
J. Campbell, EPCHC  
T. Davis, ECT  
S. Todd, TEC



January 22, 2001

**RECEIVED**

JAN 22 2001

BUREAU OF AIR REGULATION

Mr. Clair Fancy  
Florida Department of Environmental Protection  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, Florida 32399-2400

Via Fed Ex  
Airbill No. 7904 5117 9175

**Re: Hookers Point Mobile Generation Project**

**RECEIVED**

JAN 23 2001

BUREAU OF AIR REGULATION

Dear Mr. Fancy:

Please find enclosed four signed, sealed copies of the Hookers Point Temporary Generation Air Construction Permit Application. This project involves the installation of thirty low sulfur Number 2 diesel oil fired internal combustion engine generators. Each unit can produce up to 1.850 MW at when fully loaded. This additional generation will help Tampa Electric Company meet an increasing system demand during the summer of 2001 and possibly beyond. If you have questions, please contact Shannon Todd or me at (813) 641-5125.

Sincerely,

Darryl Scott  
General Manager  
Hookers Point Station

EP\gm\SKT225

Enclosure

c/enc: Mr. Alvaro Linero -FDEP  
Mr. Jerry Kissel - FDEP SW  
Ms. Alice Harman - EPCHC



**TAMPA ELECTRIC**

April 1, 2002

Mr. Syed Arif, P.E.  
New Source Review Section  
Florida Department of Environmental Protection  
111 South Magnolia Drive, Suite 4  
Tallahassee, FL 32301

**Re: Tampa Electric Company  
Hookers Point Station  
Temporary Mobile Generation Project  
0570038-002-AC**

Dear Mr. Arif:

Through this letter, Tampa Electric Company (TEC) is requesting to modify the air construction permit associated with the Temporary Mobile Generation Project at Hookers Point Station. Specifically, TEC is requesting the Department of Environmental Protection Agency's (the Department) approval to omit the sentence(s) limiting the operational period to June 2003. TEC is not requesting any additional annual operating hours or an increase in permitted capacity. In order to provide reasonable assurance that this request will comply with the permit limit, TEC will not operate the existing emission units (Emission Units ID Nos. 001-006) simultaneously with the internal combustion engines.

In addition, TEC expects to permanently retire the existing emission units as of January 1, 2003. This change will be reflected in the Hookers Point Title V renewal application that will be submitted to the Department by July 5, 2002.

If you have any questions, please call me at (813) 641-5034.

Sincerely,

*Dru Latchman*

Dru Latchman  
Associate Engineer  
Environmental Affairs

EA/bmr/DNL114

c: Scott Sheplak, FDEP  
Jerry Kissel, FDEP - SW

TAMPA ELECTRIC COMPANY  
P. O. BOX 111 TAMPA, FL 33601-0111

AN EQUAL OPPORTUNITY COMPANY  
[HTTP://WWW.TAMPAELECTRIC.COM](http://www.tampaelectric.com)

**RECEIVED**

APR 03 2002

BUREAU OF AIR REGULATION

**Via FedEx  
Airbill No. 7905 0496 6932**

(813) 228-4111

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OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800