

City of Vero Beach

1053 - 20th PLACE - P.O. BOX 1389
VERO BEACH, FLORIDA 32961-1389
Telephone: (561) 978-4710 • Fax: (561) 778-3856
e-mail: citymgr@covb.org

OFFICE OF THE
CITY MANAGER /
UTILITIES DIRECTOR

February 21, 2001

RECEIVED

FEB 26 2001

BUREAU OF AIR REGULATION

Mr. Clair H. Fancy, Chief
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400
Mail Station 5505

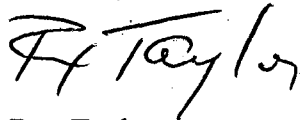
RE: Title V Permit No. 0610029-002-AV: Vero Beach Municipal Power Plant –
Emission Unit (EU) 5 Evaporative Cooling System Comments to Draft
Construction Permit: Notice of Intent Confirmation

Dear Mr. Fancy:

On February 7, 2001, the City posted in the Press Journal, the City's local newspaper, the Public Notice of Intent for the evaporative cooling system modification on Emissions Unit (EU) 5. Enclosed for your review is a confirmation that the notice was published in the paper.

Please call Mike Siefert at 561-978-5020 if you have any questions.

Sincerely,



Rex Taylor
City Manager/Utilities Director/Responsible Official

Mail Certified 7000 0600 0027 4934 2444

Cc: Mr. Ed Svec, FDEP BAR
File



PRESS JOURNAL
INDIAN RIVER COUNTY, FLORIDA
 1801 U.S. 1, Vero Beach, FL 32960

AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA
 COUNTY OF INDIAN RIVER

Before the undersigned authority personally appeared, Darryl K. Hicks, who on oath says that he is President of the Press Journal, a daily newspaper published at Vero Beach in Indian River County, Florida; that the attached copy of advertisement was published in the Press Journal in the following issues below. Affiant further says that the said Press Journal is a newspaper published at Vero Beach in said Indian River County, Florida and that the said newspaper has heretofore been continuously published in said Indian River County, Florida daily and distributed in Indian River County, Florida, for a period of one year next preceding the first publication of attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The Press Journal has been entered as second class matter at the Post Office in Vero Beach, Indian River County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Ad #	Name	Date	Price Per Day	PO #
2078174	City of Vero Beach	02/07/2001	\$241.38	
			Total	\$241.38

RECEIVED

FEB 26 2001

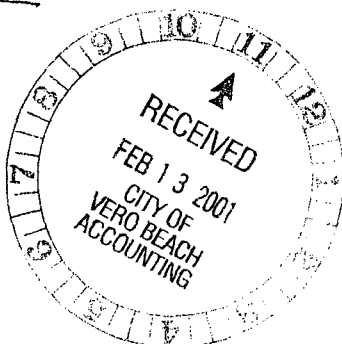
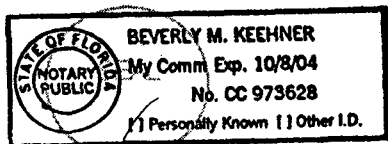
BUREAU OF AIR REGULATION

Subscribed and sworn to me before this date:

02/06/2001

Darryl K. Hicks

Beverly M. Keehner
 Notary Public



PUBLIC NOTICE OF INTENT TO
 ISSUE PSD PERMIT MODIFICATION
 STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DEP File No. 0610029-004-AC (PSD-FL-152C)
 City of Vero Beach Municipal Utilities Plant
 Inlet Evaporative Cooler Project
 Indian River County

The Department of Environmental Protection (Department) gives notice of its intent to issue a PSD permit modification to the City of Vero Beach. The permit is to install a Evaporative Cooler at the compressor inlet of a natural gas and No. 2 fuel oil-fired General Electric PG65418 combined cycle combustion turbine-electrical generator at the City of Vero Beach Municipal Utilities Plant in Indian River County. A Best Available Control Technology (BACT) determination was not required pursuant to Rule 62-212.400, F.A.C. The applicant's name and address are City of Vero Beach, 100 17th Street, Vero Beach, Florida 32960.

The primary mover is the combustion turbine, which is typically nominally rated by General Electric at approximately 38 MW at 59 degrees when firing gas. The combustion turbine normally achieves its maximum rated output on cold (32 degrees) days because the greater compressor inlet air density allows greater throughput in the rotor or expansion section of the combustion turbine. The maximum power output is only about 32 MW on hot (100 degrees) days because of the lower compressor inlet air density. The Evaporative Coolers can increase hot-day power output (under very dry conditions) by as much as 6 MW, thus almost restoring the units to their nominal rating.

The Evaporative Coolers provide no benefit under humid or cold (less than approximately 50 degrees) conditions and will not be used when they occur. The maximum output of approximately 38 MW will continue to occur at low ambient temperature. The result is that maximum hourly emissions will not increase although actual annual emissions will increase within their permitted limits because more fuel will be used on hot, relatively dry days.

Although the number of days during which the Evaporative Coolers can economically operate probably limits emissions increases to levels below significance for the purposes of PSD applicability, the City of Vero Beach proposes enforceable conditions to insure nonapplicability. The City of Vero Beach asserts and the Department accepts that the modification will not cause any meaningful change in the actual hours of operation of these combined cycle unit. The unit is allowed to operate continuously and already have a very high availability factor. The maximum increase in annual emissions caused by the project in tons per year is summarized below along with the PSD-significant levels.

Pollutants	Annual Emission Increase	PSD Significant Levels
PM/PM10	0.68	25/15
S02	5.16	40
NOx	6.98	40
VOC	0.60	40
CO	1.20	100

An air quality impact analysis was not required or conducted. No significant impacts are expected to occur as a result of this project. It will not cause or contribute to a violation of any ambient air quality standard or increment.

The Department will issue the FINAL permit modification with the attached conditions unless a response received in accordance with the following procedures results 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 thirty (30) days from the date of publication of "Public Notice of Intent to Issue a PSD Permit Modification." Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice. The Department will issue the permit with the attached conditions 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 petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative 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, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled 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 occurs first. Under Section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen (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 will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and (f) A demand for relief.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301.

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

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Protection Bureau of Air Regulation 111 S. Magnolia Drive, Suite 4 Tallahassee, Florida 32301 Telephone: 850/488-1344 Fax: 850/922-6979	Department of Environmental Protection Central District Office 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32801 Telephone: 407/894-7555 Fax: 407/897-5963
---	--

The complete project file includes the application, technical evaluation, Draft PSD Permit Modification, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, Title V Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.