



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

April 27, 2001

CERTIFIED MAIL – Return Receipt Requested

Mr. Walter P. Bussells
Managing Director & CEO
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

Re: Final Air Construction Permit No.: 0310047-007-AC
Jacksonville Electric Authority - Kennedy Generating Station
Combustion Turbine #7

Dear Mr. Bussells:

This letter modification changes a federally enforceable specific condition established in air construction permit, No. 0310047-002-AC, issued/clerked on March 22, 1999, and which authorized the construction of combustion turbine #7. The simple cycle combustion turbine was incorporated into the Title V Air Operation Permit under revision No. 0310047-006-AV. Therefore, Specific Condition No. 31, 0310047-002-AC, is changed as follows:

FROM: Testing Procedures. Testing of emissions shall be conducted with the CT operating at permitted capacity. Permitted capacity is defined as 95-100 percent of the maximum heat input rate allowed by the permit, corrected for the average turbine inlet temperature during the test (with 100 percent represented by a curve depicting heat input vs. ambient temperature). If it is impracticable to test at permitted capacity, the source may be tested at less than permitted capacity. In this case, subsequent operation is limited by adjusting the entire heat input vs. turbine inlet temperature curve downward by an increment equal to the difference between the maximum permitted heat input (corrected for ambient temperature) and 105 percent of the value reached during the test until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity. Test procedures shall meet all applicable requirements (i.e., testing time frequency, minimum compliance duration, etc.) of Rule 62-204.800, F.A.C.
[0310047-002-AC]

TO: Testing Procedures. Compliance testing of emissions shall be conducted with the CT operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the manufacturer's rated heat input achievable for the average compressor inlet conditions during the test. If it is impracticable to test at permitted capacity, then combustion turbines may be tested at less than permitted capacity. In such cases, the entire curve or table shall be adjusted downwards by the increment which reflects the reduced rate of operation at which compliance was demonstrated. This increment is equal to the difference between the manufacturer's heat input or fuel usage value and 110 percent of the value reached during the test. In this case, the data and calculations necessary to demonstrate the heat input or fuel usage rate correction shall be submitted to the Department with the compliance test report. Test procedures shall meet all applicable requirements (i.e., testing time frequency, minimum compliance duration, etc.) of Rule 62-204.800, F.A.C.

{Permitting note: Attached (GE Heat Input Curves) are the manufacturer's heat input curves that are nominal values to be used to aid in defining "full load" for stack testing purposes and do not constitute a limit on heat input.}

[0310047-007-AC]

"More Protection, Less Process"

Printed on recycled paper.

Mr. Walter P. Bussells
JEA: Kennedy Power Station
Combustion Turbine #7
0310047-007-AC
Page 2 of 2

This permit (letter) is issued pursuant to Chapter 403, Florida Statutes (F.S.). Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Sincerely,



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

CHF/BM/m

Enclosure

cc: Mr. Jon P. Eckenbach, Executive Vice President/Designated Representative, JEA
Mr. N. Bert Gianazza, P.E., JEA, Application Contact
Mr. Chris Kirts, DAPA, NED

Mailed on 4/30/01

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Received by (Please Print Clearly)	B. Date of Delivery
	T. HEARNEY	
1. Article Addressed to: Mr. Walter P. Bussells Managing Director & CEO Jacksonville Electric Authority 21 West Church Street Jacksonville, Florida 32202	C. Signature	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
	X <i>T. Heaney</i>	
2. Article Number (Copy from service label) 7099 3400 0000 1449 5410	D. Is delivery address different from item 1?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	If YES, enter delivery address below: <div style="text-align: center; font-size: 24px; font-weight: bold;">MAY 03 2001</div>	
PS Form 3811, July 1999	3. Service Type	<input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee)	<input type="checkbox"/> Yes

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Mr. Walter P. Bussells

Postage	\$	Postmark Here <i>issued/signed: 4/27</i> <i>certified mail: 4/30</i>
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. Walter P. Bussells

Street, Apt. No., or PO Box No

21 West Church Street

City, State, ZIP+4

Jacksonville, Florida 32202

PS Form 3800, July 1999 See Reverse for Instructions

7099 3400 0000 1449 5410

FINAL DETERMINATION

Jacksonville Electric Authority

Air Construction Permit No.: 0310047-007-AC

Kennedy Generating Station

An Intent to Issue an air construction permit to Jacksonville Electric Authority, Kennedy Generating Station, located at 4215 Talleyrand Avenue, Jacksonville, Duval County, Florida, was distributed on March 20, 2001. The Public Notice of Intent to Issue an Air Construction Permit was published in The Florida Times-Union on March 26, 2001. Comments were not submitted in response to the Public Notice.

The final action of the Department will be to issue the air construction permit (letter) as proposed.