

Barbara / File
Project No.: 0310047-003-AV

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V OPERATION PERMIT

In the Matter of a Request for Administrative Correction:

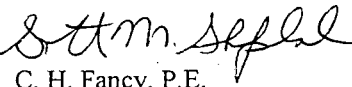
Mr. Walter P. Bussells
Managing Director
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

FINAL Permit No.: 0310047-001-AV
Kennedy Generating Station

Enclosed is an ADMINISTRATIVELY CORRECTED page to the initial Title V operation permit, 0310047-001-AV, for the operation of the JEA's Kennedy Generating Station located at 4215 Talleyrand Avenue, Jacksonville, Duval County. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code, and Chapter 403, Florida Statutes (F.S.). This change is made at the applicant's request received 06/11/99, to add a permitting note to Specific Condition C.13 to incorporate the heat input curves previously submitted during the initial Title V permitting action and referenced in Section I. Subsection C. Relevant Documents of the permit and listed as "Letter received October 22, 1997, from Mr. Bert Gianazza.". This corrective action does not alter the effective dates of the existing permit.

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 30 (thirty) 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 ADMINISTRATIVELY CORRECTED PERMIT (including the corrected page(s)) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on July 28, 1999 to the person(s) listed or as otherwise noted:

Mr. Walter P. Bussells*, Managing Director/Responsible Official, JEA
Mr. Jon P. Eckenbach*, Executive Vice President/Designated Representative, JEA
Mr. Richard Breitmoser, P.E., JEA
Mr. Bert Gianazza, JEA, Application Contact
Mr. Richard Robinson, AWQD
Mr. Gregg Worley, USEPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Gracy R. Danois, USEPA, Region 4 (INTERNET E-mail Memorandum)

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.

 07-28-99
(Clerk) (Date)

ADMINISTRATIVE PERMIT CORRECTION

FINAL Permit No.: 0310047-001-AV

JEA: Kennedy Generating Station

Page 1 of 1

Specific Condition C.13. is hereby changed FROM:

C.13. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operating at permitted capacity. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity (i.e., at less than 90 percent of the maximum operation rate allowed by the permit); in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted, provided however, operations do not exceed 100 percent of the maximum operation rate allowed by the permit. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rule 62-297.310(2), F.A.C.]

TO:

C.13. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operating at permitted capacity. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity (i.e., at less than 90 percent of the maximum operation rate allowed by the permit); in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted, provided however, operations do not exceed 100 percent of the maximum operation rate allowed by the permit. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

{Permitting note: Attached (see "Attachment KGS: CT Heat Input Nominal Values") is a chart of the "Base Load MW" vs "Temperature" to aid in defining "full load" for visible emissions testing purposes, since the manufacturer's curves are not available. The heat input numbers are only nominal values.}

[Rule 62-297.310(2), F.A.C.]

Best Available Copy

P 265 657 760

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Walter P. Bussells
Managing Director
Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

4a. Article Number
P 265 657 760

- 4b. Service Type
- Registered
 - Express Mail
 - Return Receipt for Merchandise
 - Certified
 - Insured
 - COD

7. Date of Delivery
7-30-99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X *D. G. Ross*

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

US Postal Service
Receipt for Certified Mail

- Insurance Coverage Provided.
- Do not use for International Mail (See reverse)

Sent to *Walter P. Bussells* ^{Managing Director}
Street & Number *Jacksonville Electric Authority*
21 West Church St.
Post Office, State, & ZIP Code
Jacksonville, FL 32202

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$

Thank you for using Return Receipt Service.

PS Form 3811

Postmark or Date
07-28-99 sep

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Jon P. Eckenbach
Executive Vice President
Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

4a. Article Number
P 265 657 761

- 4b. Service Type
- Registered
 - Express Mail
 - Return Receipt for Merchandise
 - Certified
 - Insured
 - COD

7. Date of Delivery
7-30-99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X *D. G. Ross*

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

P 265 657 761

US Postal Service
Receipt for Certified Mail

- No Insurance Coverage Provided.
- Do not use for International Mail (See reverse)

Sent to *Jon P. Eckenbach* ^{Executive Vice Pres.}
Street & Number *Jacksonville Electric Authority*
21 West Church St.
Post Office, State, & ZIP Code
Jacksonville, FL 32202

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$

Thank you for using Return Receipt Service.

PS Form 3811

Postmark or Date
07-28-99 sep

RECEIVED

JUN 15 1999

BUREAU OF
AIR REGULATION

June 8, 1999



Clair H. Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: Kennedy Generating Station Combustion Turbines 3,4,and 5
Heat Input Curves for VE Testing
Title V Permit No. 0310047-001-AV

Dear Mr. Fancy:

Per conversation with Bruce Mitchell of your staff, please issue an administrative permit correction pursuant to FAC 62-210.360 to revise Specific Condition C.13 of the above referenced permit to incorporate the heat input curves previously submitted. That letter (dated October 22, 1997) is referenced on page 3 of the permit.

Also, please include the permitting note as it appears in our Northside Generating Station Title V Permit (No. 0310045-002-AV) Specific Condition C.13 to clarify that these are nominal values for testing purposes only.

If you have any questions with regard to this matter, please do not hesitate to contact me at (904) 665-6247.

Sincerely,

A handwritten signature in cursive script, appearing to read 'N. Bert Gianazza', is located below the 'Sincerely,' text.

N. Bert Gianazza, P.E.
Environmental Health
and Safety Group

cc: S. Sheplack, P.E., FDEP
B. Mitchell, P.E., FDEP
S. Pace, P.E., RESD

Attachment KGS: CT Heat Input Nominal Values

KENNEDY STATION COMBUSTION TURBINES
BASE LOAD MW vs TEMPERATURE

AMBIENT TEMP #	*F	GROSS MW (X)	HEAT CONSUMED MBTU/HR	AMBIENT TEMP #	*F	GROSS MW (X)	HEAT CONSUMED MBTU/HR
1	20	70.90	871	60	59.30	769	
2	21	70.61	868	61	59.01	766	
3	22	70.32	866	62	58.72	764	
4	23	70.03	863	63	58.43	761	
5	24	69.74	860	64	58.14	758	
6	25	69.45	858	65	57.85	756	
7	26	69.16	855	66	57.56	753	
8	27	68.87	853	67	57.27	751	
9	28	68.58	850	68	56.98	748	
10	29	68.29	848	69	56.69	746	
11	30	68.00	845	70	56.40	743	
12	31	67.71	843	71	56.11	741	
13	32	67.42	840	72	55.82	738	
14	33	67.13	837	73	55.53	736	
15	34	66.84	835	74	55.24	733	
16	35	66.55	832	75	54.95	731	
17	36	66.26	830	76	54.66	728	
18	37	65.97	827	77	54.37	726	
19	38	65.68	825	78	54.08	723	
20	39	65.39	822	79	53.79	720	
21	40	65.10	820	80	53.50	718	
22	41	64.81	817	81	53.21	715	
23	42	64.52	814	82	52.92	713	
24	43	64.23	812	83	52.63	710	
25	44	63.94	809	84	52.34	708	
26	45	63.65	807	85	52.05	705	
27	46	63.36	804	86	51.76	703	
28	47	63.07	802	87	51.47	700	
29	48	62.78	799	88	51.18	698	
30	49	62.49	797	89	50.89	695	
31	50	62.20	794	90	50.60	693	
32	51	61.91	792	91	50.31	690	
33	52	61.62	789	92	50.02	688	
34	53	61.33	786	93	49.73	685	
35	54	61.04	784	94	49.44	683	
36	55	60.75	781	95	49.15	680	
37	56	60.46	779	96	48.86	677	
38	57	60.17	776	97	48.57	675	
39	58	59.88	774	98	48.28	672	
40	59	59.59	771	99	47.99	670	
41	60	59.30	769	100	47.70	667	

KSCT
Y INTE 76.700
SLOPE 0.2900

DISPATCH HEAT RATE CURVES

A = 2.57955E+02
B = 8.61082E+00
C = -6.18610E-04
D = 2.11490E-05
AA = 2.50025E-01
BB = 9.99997E-01
CC = 4.45630E-08
DATE: 10/01/91

RECEIVED

OCT 22 1997

BUREAU OF
AIR REGULATION