

Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

September 20, 1999

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

James Meriwether, Environmental Manager
Okeelanta Cogeneration Facility
P.O. Box 9
South Bay, FL 33493

Re: Request for Additional Information
Permit No. PSD-FL-196
Okeelanta Cogeneration Facility
Modification to Original PSD Construction Permit

0990332-012-AC

Dear Mr. Meriwether:

On September 7, 1999, the Department's South District Office received a check for \$250 and your letter requesting a minor source construction permit modification to add several mechanical dust collectors as pre-control devices prior to the electrostatic precipitators. The Bureau of Air Regulation considers this potentially to be a modification of the original PSD permit. As such, the South District Office has forwarded this request to the New Source Review Section in Tallahassee.

The Department considers this application to be 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. Please submit the appropriate pages of the Department's application form, signed and certified by both the Responsible Official and a Professional Engineer registered in Florida.
2. Please identify the particulate emissions control expected with a corresponding particle size range.
3. What is the expected pressure drop across the duct collector? Will it be necessary to modify or replace the I.D. fan? What will be the new or modified parameters for the I.D. fan including volumetric flow rate?
4. Of what materials are the mechanical collectors made? Due to the known corrosive nature of the exhaust stream, what is the expected life of the duct collectors?

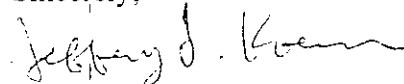
"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

5. Please specify the model number, quantity, arrangement, and key design parameters for sizing the Baron Industries' dust collectors.
6. Please provide an updated process flow diagram of the cogeneration process and control equipment including: fuel storage, fuel feeds, boilers, dust collectors, electrostatic precipitators, I.D. fans, activated carbon silo and injection points, urea injection system, exhaust gas continuous monitoring systems and points, and stacks. On this process flow diagram, indicate the temperatures and flow rates of the exhaust gases as they pass through the various points in the system, as well as the associated pressure drops for each significant point.
7. Please include a full description of the ongoing stack modifications, new stack heights, and materials being used to line the stack. Will the addition of the dust collectors or modified stacks result in any changes in previous air dispersion modeling analyses performed for this facility?

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. A new certification statement by the authorized representative or responsible official must accompany material changes to the application. Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within 90 days. If there are any questions, please call me at 850/414-7268.

Sincerely,



Jeffery F. Koerner, P.E.
New Source Review Section

AAL/jfk

cc: Mr. Phil Barbaccia, SW District - DEP
Mr. Jim Stormer, PBCHD

P 265 659 434

US Postal Service
Receipt for Certified Mail

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

Sent to	James Meriwether
Street Number	Deelanta Cogen
Post Office, State, & ZIP Code	South Bay, FL
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	\$
Postmark or Date	9-20-99
	PO-FL-196

PS Form 3800, April 1995

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):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

Is your RETURN ADDRESS completed on the reverse side?

3. Article Addressed to:
James Meriwether
Deelanta Cogen Fac.
PO Box 9
South Bay, FL
33493

4a. Article Number
P 265 659 434

4b. Service Type

- Registered
- Certified
- Express Mail
- Insured
- Return Receipt for Merchandise
- COD

7. Date of Delivery
9/23/99

5. Received By: (Print Name)

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

6. Signature (Addressee or Agent)

X *Kathy Jones*

PS Form 3811, December 1994

102595-98-B-0229

Domestic Return Receipt

Thank you for using Return Receipt Service.

CHECK PAYMENT NBR.

DATE

FROM THE DEPARTMENT OF

13672

09/22/99

INVOICE	DESCRIPTION	DATE	P.O. NO.	GROSS AMT.	DISCOUNT	NET AMOUNT
02099	PERMIT FEE	09/20/99		250.00	0.00	250.00
SKEELANT CO-GEN						

FLORIDA CRYSTALS CORPORATION

TOTALS

250.00

0.00

250.00

FLORIDA CRYSTALS CORPORATION
 316 ROYAL POINCIANA PLAZA
 PALM BEACH, FLORIDA 33480-4099



First Union National
 of Florida
 PENSACOLA, FL 32634

63-1012
632

No. 013672

DATE 09/22/99

13672

\$

AMOUNT

*****250.00

PAY

TWO HUNDRED FIFTY AND 00/100-----

DOLLARS

TO THE ORDER OF

THE DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
 SOUTH DISTRICT
 2295 VICTORIA AVENUE
 FORT MEYERS FL 33902-2549

013672

09/22/99

013672

⑈013672⑈ ⑆063210125⑆ 2079940004247⑈