



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

October 26, 1998

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. E. David Fernandez  
The City of Key West  
Southernmost Waste to Energy Facility  
5701 W. Junior College Road  
Key West, Florida 33040

Re: Draft Permit No. 0870047-002-AC  
Southernmost Waste to Energy Facility


Dear Mr. Fernandez:

Enclosed is one copy of the Draft Air Construction Permit for the modification of its soot blowing procedure for The City of Key West, Southernmost Waste to Energy Facility located at 5701 W. Junior College Road, Key West, Monroe County. The Technical Evaluation, the Department's Intent to Issue Air Construction Permit and the "Public Notice of Intent to Issue Air Construction Permit" are also included.

The "Public Notice of Intent to Issue Air Construction Permit" must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven (7) days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Joseph Kahn, P.E. or Mr. Linero at 850/488-0114.

Sincerely,

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

CHF/jk

Enclosures

In the Matter of an  
Application for Permit by:

The City of Key West  
5701 W. Junior College Road  
Key West, Florida 33040

Draft Permit No. 0870047-002-AC  
Southernmost Waste to Energy Facility  
Monroe County

### INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of Draft Permit attached) for the proposed project, detailed in the application specified above and the attached Technical Evaluation, for the reasons stated below.

The applicant, The City of Key West, Southernmost Waste to Energy Facility, applied on September 4, 1998, to the Department for an air construction permit for the modification of its soot blowing procedure. The facility is located at 5701 W. Junior College Road, Key West, Monroe County. The Draft permit will allow the applicant to use a manual method of soot blowing and discontinue using the originally installed continuous steam soot blowers.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed "Public Notice of Intent to Issue Air Construction Permit." The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C., requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax 850/ 922-6979). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in section 50.051, F.S. to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the final permit 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 fourteen days from the date of publication of "Public Notice of Intent to Issue Air Permit." 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.

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 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 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.

Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

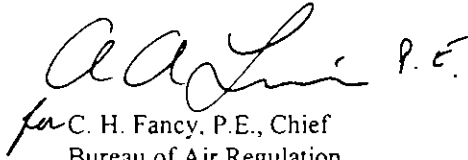
The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section

120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program

Executed in Tallahassee, Florida.

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

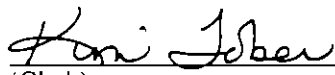
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AIR CONSTRUCTION PERMIT (including the PUBLIC NOTICE, Technical Evaluation, and the Draft permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 10-28-98 to the person(s) listed:

Mr. E. David Fernandez, SWTE \*  
Mr. David Knowles, South District  
Mr. Jim Edds, South District, Marathon

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
(Clerk) 10-28-98  
(Date)

**NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER**

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

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Draft Permit No. 0870047-002-AC  
The City of Key West, Southernmost Waste to Energy Facility  
Monroe County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to The City of Key West for the Southernmost Waste to Energy Facility located at 5701 W. Junior College Road, Key West, Monroe County. A Best Available Control Technology (BACT) determination was not required pursuant to Rule 62-212.400, F.A.C. and 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The applicant's name and address are: The City of Key West, Southernmost Waste to Energy Facility, 5701 W. Junior College Road, Key West, Florida 33040.

This permit will allow the applicant to use a manual method of soot blowing and discontinue using the originally installed continuous steam soot blowers.

An air quality impact analysis was not conducted. Emissions from the facility will not consume PSD increment and will not significantly contribute to or cause a violation of any state or federal ambient air quality standards.

The Department will issue the final permit 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 14 (fourteen) days from the date of publication of "Public Notice of Intent to Issue Air Construction Permit." 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.

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 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 days of receipt of that notice, regardless of the

## **NOTICE TO BE PUBLISHED IN THE NEWSPAPER**

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.

Mediation is not available in this proceeding.

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: 850/488-0114  
Fax: 850/922-6979

Department of Environmental Protection  
South District Office  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901  
Telephone: 941/332-6975  
Fax: 941/332-6969

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

**Technical Evaluation  
Southernmost Waste to Energy Facility  
Issuance of 0870047-002-AC  
The City of Key West  
Key West, Monroe County**

**PROJECT**

The applicant, the City of Key West, has proposed a new manual method of soot blowing using compressed air and an air lance to replace its existing steam soot blowers. The facility is a resource recovery facility with two combustion units, with a design capacity of 6,250 lbs/hour of mixed municipal solid waste per unit, and is located at 5701 W. Junior College Road, Key West, Monroe County. Based on recent site visits, it is not likely that the change will result in an increase in visible emissions or related emissions of particulate matter.

**BACKGROUND**

The facility's past method of soot blowing using the installed continuous steam soot blowers has several problems, as described by the applicant. The facility produces saturated steam, which when used for soot blowing, would condense easily in the boiler and cause the ash to harden and stick to the boiler tubes. This ash would clog the generating section of the boiler. Also, the lances on the fixed soot blowers did not have an acceptable longevity because the lance ends would burn off. The steam lances damaged the boiler tubes, which in turn caused tube failures. The chain driven rotary failed frequently, causing the rotary to stick open and endanger the steam supply to the turbine. Using steam for soot blowing caused the boiler water levels and temperature to cycle unacceptably. Ultimately, the facility ceased to use the steam soot blowing system and installed ports to provide access to the heat exchange surfaces via a manual air lance. Shortly afterwards, the applicant received a letter from the Department's South District dated May 2, 1997, requesting the discontinuation of the manual method of soot blowing and requiring usage of the originally installed continuous steam soot blowers. Rather than return to the previously unacceptable means of soot blowing with the steam system, the applicant resorted to manually removing the ash residue from the heat exchange surfaces during frequent (monthly) scheduled boiler outages.

The proposed manual soot blowing system uses dry air at 120 psi. Compressed air is introduced into the heat exchange area of the boiler using an air lance that is manually inserted through new soot ports which are positioned for every other row of the boiler tubes. Per the applicant, benefits of this system are that it allows for more efficient cleaning with fewer scheduled outages; the maintenance is low because of simplicity of the system; the new system does not affect the temperatures or water levels of the units, so the units do not have cycling problems; and the reduction of tube problems will save the facility time, labor and money.

**VISIBLE EMISSIONS**

The Department concluded that visible emissions are not likely to increase after two site visits, on May 5 and July 8, 1998. No visible emissions were seen after viewing the manual method of soot blowing at these site visits. Jim Edds, a certified VE reader, viewed the procedure on July 8, 1998.

**Technical Evaluation  
Southernmost Waste to Energy Facility  
The City of Key West**

**RULE BASIS AND CONCLUSION**

Since there is no expected increase in visible emissions, and similarly no expected increase in particulate emissions, the modification is not subject to review for the Prevention of Significant Deterioration (PSD) and a determination of Best Available Control Technology (BACT) is not required in accordance with Rule 62-212.400, F.A.C. With no expected increase in emissions, this change may not actually constitute a modification pursuant to Rule 62-210.200(188), F.A.C. However, this change is a change in the method of operation of the units, and rather than requiring the applicant to demonstrate that no permitting action was required for this change by preparing an extensive evaluation of past actual and future potential emissions, the Department required a construction permit for this action pursuant to Rule 62-210.300(1), F.A.C. The permit will effectively modify the existing operation permits by adding a permit condition through this permitting action that will explicitly allow the facility to use the manual method of soot blowing with compressed air instead of automatically soot blowing with steam. This is the complete extent of this permitting action. The basis for this condition is Rule 62-4.070(3), F.A.C., in that the Department has reasonable assurance that this method of soot blowing will not result in air quality violations, or increased visible emissions or related increased emissions of particulate matter.



DATE

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. E. David Fernandez  
Utilities Director  
The City of Key West  
Southernmost Waste to Energy Facility  
5701 W. Junior College Road  
Key West, Florida 33040

Re: DEP File No. 0870047-002-AC  
Soot Blowing Modification

Dear Mr. Fernandez:

The Department reviewed your request to allow manual soot blowing in Units 1 and 2, municipal solid waste combustors, as described in the application received on September 4, 1998. The Department's analysis was discussed in the technical evaluation distributed with the Intent to Issue Air Construction Permit Modification. The existing operation permits numbered AO44-207778 and AO44-207781 are hereby modified by this construction permit as follows:

**NEW SPECIFIC CONDITION**

The permittee may manually soot blow with compressed air in each of the external boiler soot ports in lieu of automatically soot blowing with steam. The permittee shall maintain at the facility a copy of the current procedure for manually soot blowing. [Rule 62-4.070(3), F.A.C.]

This permit modification is issued pursuant to Chapter 403, Florida Statutes. Any party to this order (permit modification) 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.

Howard L. Rhodes, Director  
Division of Air Resources  
Management

Mr. E. David Fernandez  
DEP File No. 0870047-002-AC  
DATE  
Page 2 of 2

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this PERMIT was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on \_\_\_\_\_ to the person(s) listed:

Mr. E. David Fernandez, SWTE \*  
Mr. David Knowles, South District  
Mr. Jim Edds, South District, Marathon

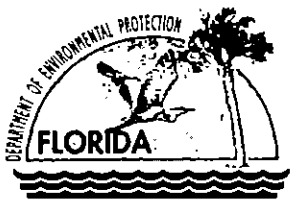
Clerk Stamp

**FILED**  
**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

\_\_\_\_\_  
(Clerk)

\_\_\_\_\_  
(Date)

**DRAFT**



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## P.E. Certification Statement

The City of Key West  
Southernmost Waste to Energy Facility

**DRAFT Permit No.:** 0870047-002-AC  
**Facility ID No.:** 0870047

**Project type:** Draft Air Construction Permit

**I HEREBY CERTIFY** that the engineering features described in the above referenced application and related additional information submittals, if any, and subject to the proposed permit conditions, provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

This review was conducted by Susan DeVore-Fillmore under my responsible supervision.

(Seal)

  
\_\_\_\_\_  
Joseph Kahn, P.E.

10/26/98  
Date

Permitting Authority:

Florida Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation  
New Source Review Section  
Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Telephone: 850/488-0114  
Fax: 850/922-6979

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

Printed on recycled paper.

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):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Mr. E. David Fernandez  
 The City of Key West  
 Southernmost West to E.F.  
 5701 W Jr. College Rd.  
 Key West, FL 33040

4a. Article Number  
 2 333 612 489

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

7. Date of Delivery  
 10/30/94

5. Received By: (Print Name)

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

6. Signature (Addressee or Agent)

X *[Signature]*

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

2 333 612 489

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to	David Fernandez
Street & Number	City of Key West
Post Office, State, & ZIP Code	Southernmost Key West, 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	10-28-98

PS Form 3800 April 1995

0870047-002-AC