

No. 0157987
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO Mr. R. J. Guthrie		
STREET AND NO.		
P.O., STATE AND ZIP CODE		
POSTAGE	\$	
CONSULT POSTMASTER FOR FEES OPTIONAL SERVICES RETURN RECEIPT SERVICE	CERTIFIED FEE	\$
	SPECIAL DELIVERY	\$
	RESTRICTED DELIVERY	\$
	SHOW TO WHOM AND DATE DELIVERED	\$
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	\$
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	\$	
TOTAL POSTAGE AND FEES	\$	
POSTMARK OR DATE 3/10/83		

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

① **SENDER:** Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
 Show to whom and date delivered.....¢
 Show to whom, date and address of delivery.....¢
 RESTRICTED DELIVERY
 Show to whom and date delivered.....¢
 RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery.\$ _____

(CONSULT POSTMASTER FOR FEES)

2. **ARTICLE ADDRESSED TO:**
 Mr. R. J. Guthrie
 P. O. Box 2691
 West Palm Beach, FL 33402

3. **ARTICLE DESCRIPTION:**

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0157987	

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent
Maurice

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

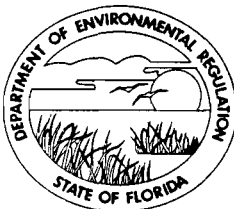
CLERK'S INITIALS
AP

POSTMARK
 WEST PALM BEACH, FL
 MAR 14 1983
 U.S.P.

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

March 10, 1983

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. R. J. Guthrie
Vice President - Operations
United Technologies Corporation
Pratt & Whitney Aircraft
Government Products Division
Post Office Box 2691
West Palm Beach, Florida 33402

Dear Mr. Guthrie:

Enclosed is Permit Number AC 50-64043, dated March 9, 1983, to United Technologies Corporation, Pratt & Whitney Aircraft, Government Products Division issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

C. H. Fancy, P.E.
Deputy Bureau Chief
Bureau of Air Quality
Management

CHF/bjm

Enclosure

cc: Thomas E. Butler, United Technologies Corp.
Jim Williams, DER Southeast District
Gene Sacco, Palm Beach County Health Department

FINAL DETERMINATION

United Technologies Corporation
Pratt & Whitney Aircraft

Steam Boiler
(42 MMBTU/hr Heat Input)

Permit Number:

AC 50-64043

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

March 9, 1983

Response to Public Comment

United Technologies Corporation

(AC 50-64043)

Comments were received from James L. Seelinger, Manager of the applicant, United Technologies Corporation. Mr. Seelinger requested revision of Specific Condition No. 4 of the Preliminary Determination. The request has been accepted by DER. The revised Specific Condition No. 4, as Mr. Seelinger proposed on his letter to Bill Thomas dated February 8, 1983, should be in the Final Determination.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE: United Technologies Corporation
Pratt & Whitney Aircraft
Government Products Division
P. O. Box 2691
West Palm Beach, Florida 33402

Permit Number: AC 50-64043
Date of Issue:
Expiration Date: December 31, 1983
County: Palm Beach
Latitude/Longitude: 26° 53' 31"N/
80° 22' 29"W
Project: Steam Boiler 42 MMBTU/hr
heat input.

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the construction of a 41.8 MMBTU/hr heat input steam boiler to replace the existing 250 MMBTU/hr Boiler #1 located at United Technologies Corporation's existing plant site in West Palm Beach, Palm Beach County, Florida. The UTM Coordinates of the proposed plant are 17-562.0 km East and 2938.0 km North.

The construction shall be in accordance with the attached permit application except as otherwise noted on page 3, Specific Conditions.

Attachments:

1. Application to Construct Air Pollution Source, DER Form 17-1.122(16), received on December 23, 1982.
2. BACT determination, dated on January 7, 1983.

PERMITTEE: United Technologies
Corporation

I. D. Number:

Permit Number: AC 50-64043

Date of Issue:

Expiration Date: December 31, 1983

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefor caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE: United Technologies I. D. Number:
Corporation Permit Number: AC 50-64043
Date of Issue:
Expiration Date: December 31, 1983

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE: United Technologies Corporation

I. D. Number:

Permit Number: AC 50-64043

Date of Issue:

Expiration Date: December 31, 1983

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- (X) Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE: United Technologies I. D. Number:
Corporation **Permit Number: AC 50-64043**
Date of Issue:
Expiration Date: December 31, 1983

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The proposed boiler shall be constructed in accordance with the capacity and specifications stated in the application supplied by the applicant.
2. Sulfur content of the jet fuels to be fired in the proposed boiler shall not exceed 0.10 percent at any time.
3. Visible emissions from the proposed boiler shall not exceed 15% opacity, 40% opacity is permitted for not more than two minutes in any one hour. Performance tests shall be conducted when firing jet fuels. DER Method 9 (17-2.700(6)(a) 9, FAC) shall be used to determine compliance.

PERMITTEE: United Technologies I. D. Number:
Corporation Permit Number: AC 50-64043
Date of Issue:
Expiration Date: December 31, 1983

SPECIFIC CONDITIONS:

4. When construction permit AC 50-64043 for Test Area E boiler expires, the current operation permit AO 50-37862 shall either be revised to include the new 41.8 MMBTU/hr heat input Test Area E boiler or a separate operation permit specifically for Test Area E shall be required. At that time, operation permit AO 50-37862 shall be revised to delete the Area C No. 1 boiler rated at 250 MMBTU/hr.
5. Final specifications with "as built" drawing for verification shall be submitted with the operation permit application of this project.

Issued this 9 day of March, 1983

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

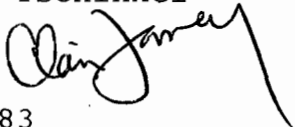
Terry Cole
VICTORIA J. TSCHINKEL, Secretary

___ pages attached.

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Victoria J. Tschinkel
FROM: Clair Fancy 
DATE: March 9, 1983
SUBJ: Approval of Attached Air Construction Permit

Attached please find one Air Construction Permit for which the applicant is United Technologies Corporation, Pratt and Whitney Aircraft. The construction proposed is the replacement of a boiler at the company's plant in West Palm Beach, Florida.

Day 90, after which the permit would be issued by default, is April 18, 1983.

The Bureau recommends your approval and signature.

CF/pa

Attachment



**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P. O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

February 8, 1983

Government Products Division

Bob King
Mr. Bill Thomas
Bureau of Air Quality Management
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301 - 8241

DER
FEB 14 1983
BAQM

Re: Test Area E Steam Boiler (41.8 MMBTU/hr. Heat Input)
Draft Permit AC50-64043

Dear Mr. Thomas:

Reference is made to my letter to you dated January 27, 1983 concerning the above referenced item and subsequent conversations between Bob King of your office, J.C. Williams of your Southeast District Office in West Palm Beach and W.J. Dail of this office. At Bob King's suggestion, W.J. Dail contacted J.C. Williams to review and to modify the wording for the draft permit specific condition #4 we had suggested in my January 27, 1983 letter to you. Bob King had indicated the DER felt that the wording was too restrictive on their part. Following is the revised wording agreed upon by J.C. Williams and W.J. Dail: "When Construction Permit AC50-64043 for Test Area E boiler expires, the current Operation Permit A050-37862 shall either be revised to include the new 41.8 MMBTU/hr. heat input Test Area E boiler or a separate operation permit specifically for Test Area E shall be required. At that time, Operation Permit A050-37862 shall be revised to delete the Area C No. 1 boiler rated at 250 MMBTU/hr."

Should you have any comments, please let us know.

Sincerely,

James L. Seelinger

James L. Seelinger, Manager
Utilities Operation/Environmental Affairs

pt (0838)

cc: T.E. Butler
W.J. Dail
Gene Sacco, PBCHD
Jim Williams, DER Southeast District



**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P. O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

January 27, 1983

Government Products Division

Mr. Bill Thomas
Bureau of Air Quality Management
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301 - 8241

DER

JAN 31 1983

Re: Test Area E Steam Boiler (42 MMBTU/hr. Heat Input) **BAQM**

Dear Mr. Thomas:

Reference is made to Mr. C.H. Fancy's letter of January 14, 1983 and to the conversation between Bob King of your office and W.J. Dail of this office on January 20, 1983 concerning the above referenced proposed boiler.

It is our understanding from Bob King that specific condition #3 will require that a one time performance test be conducted in accordance with DER Method 9 (17-2.700(6)(a) 9, FAC) to determine compliance once the boiler has been properly set up for firing. Bob King is to send us a copy of the method. Additionally the performance test is to be conducted in the presence of local representatives, we presume to be from the Palm Beach County Health Department.

As Bob King and W.J. Dail agreed, specific condition #4 was incorrectly written and referenced revoking operation permit AO 50-37862 which currently covers numerous other air emission sources in our test areas. The condition should be rewritten as follows: "The current operation permit AO 50-37862 shall be revised to include the new 42 MMBTU/hr. heat input Test Area E boiler and to delete the Area C No. 1 boiler rated at 250 MMBTU/hr. heat input when the new construction permit AC 50-64043 for Test Area E boiler expires."

We have coordinated a modification of the "Notice of Proposed Agency Action" with Jim Williams of the DER Southeast District office to include two sentences on the industrial wastewater from this boiler. This approach was recommended by Jim Williams as a simplification technique for having one public notice rather than two.

Should you have any comments, please let us know.

Sincerely,

J. L. Seelinger

J.L. Seelinger, Manager
Utilities Operations/Environmental Affairs

pt (0767)

cc: T.E. Butler
Gene Sacco, PBCHD
Jim Williams, DER Southeast District

Check Sheet

Company Name: United Technologies Corporation
Permit Number: AC 50-064043J
PSD Number: _____
Permit Engineer: _____

Application:

- | | |
|--|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References: |
| <input checked="" type="checkbox"/> Incompleteness Letters | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Responses | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response | |
| <input type="checkbox"/> Other | |

Intent:

- Intent to Issue
 - Notice of Intent to Issue
 - Technical Evaluation
 - BACT or LAER Determination
 - Unsigned Permit
- Correspondence with:
- EPA
 - Park Services
 - Other
- Proof of Publication
 - Petitions - (Related to extensions, hearings, etc.)
 - Waiver of Department Action
 - Other

Final

Determination:

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

Post Permit Correspondence:

- Extensions/Amendments/Modifications
- Other



**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P. O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

Government Products Division

February 7, 1983

DER
FEB 14 1983
BAQM

Patty
Mr. C.H. Fancy, P.E.
Deputy Chief
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301 - 8241

Re: Affidavit of Publication - United Technologies Corporation
(Test Area E Boiler - 41.8 MMBTU/hr Heat Input)

Dear Mr. Fancy:

*I did agree →
to this.*

In accordance with your January 14, 1983 letter to Mr. R.J. Guthrie of Pratt & Whitney Aircraft, we had the "Notice of Proposed Agency Action" you provided published in the Palm Beach Post on January 29, 1983. The notice you sent was amended as suggested by J.C. Williams of your Southeast District office to include two sentences on the proposed industrial wastewater discharge from the boiler. Attached is an affidavit of publication as you requested.

Should you have any questions, please let us know.

Sincerely,

James L. Seelinger

James L. Seelinger, Manager
Utilities Operations/Environmental Affairs

JLS/pt (0827)

Attachment

cc: J.C. Williams
DER Southeast District

THE POST

Published Daily and Sunday
West Palm Beach, Palm Beach County, Florida

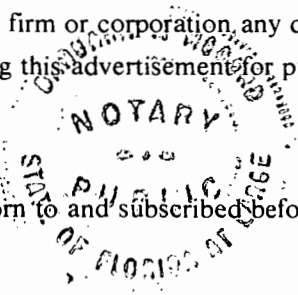
PROOF OF PUBLICATION

STATE OF FLORIDA

COUNTY OF PALM BEACH

Before the undersigned authority personally appeared Joseph A. Ernst who on oath says that he is Class. Adv. Mgr. of The Post, a daily and Sunday newspaper published at West Palm Beach in Palm Beach County, Florida; that the attached copy of advertising, being a Notice in the matter of Proposed Agency Action in the ----- Court, was published in said newspaper in the issues of January 29, 1983.

Affiant further says that the said The Post is a newspaper published at West Palm Beach, in said Palm Beach County, Florida, and that the said newspaper has heretofore been continuously published in said Palm Beach County, Florida, daily and Sunday and has been entered as second class mail matter at the post office in West Palm Beach, in said Palm Beach County, Florida, for a period of one year next preceding the first publication of the 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.



Joseph A. Ernst

Sworn to and subscribed before me this 31 day of January A.D. 19 83

Barbara M. McLeod
NOTARY PUBLIC STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES SEPT 9 1983
BONDED THRU GENERAL INS. UNDERWRITERS

NO. 794937
NOTICE OF PROPOSED AGENCY ACTION
The Department of Environmental Regulation gives notice of its intent to issue a permit to United Technologies Corporation for the construction of a 41.8 MMBTU/hr heat input steam boiler to replace the existing 250 MMBTU/hr Boiler #1 located at their existing plant site in West Palm Beach, Palm Beach County, Florida. A determination of Best Available Control Technology (BACT) was required. This boiler will also be a source of industrial waste water. Such water is limited to amounts which are not expected to exceed water quality standards. A person who is substantially affected by the Department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes. The application, technical evaluation, BACT determination, and departmental intent are available for public inspection during normal business hours: 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:
DER, Bureau of Air Quality Mgmt.
2600 Blair Stone Road
Tallahassee, Florida 32301
DER Southeast Florida District Office
3301 Gun Club Road
West Palm Beach, Florida 33402
Comments on this action shall be submitted in writing to Bill Thomas of the Tallahassee office within thirty (30) days of this notice.
(0758)
PUBLISH: January 29, 1983

No. 0157902
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO Mr. R. J. Guthrie		
STREET AND NO. P. O. Box 2691		
P.O. STATE AND ZIP CODE West Palm Beach, FL		
POSTAGE	\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$
	SPECIAL DELIVERY	\$
	RESTRICTED DELIVERY	\$
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	\$
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	\$
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES	\$	
POSTMARK OR DATE 1/1/783		

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1978

① SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
 Show to whom and date delivered.....¢
 Show to whom, date and address of delivery.....¢
 RESTRICTED DELIVERY
 Show to whom and date delivered.....¢
 RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery \$

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Mr. R. J. Guthrie
 P. O. Box 2691
 West Palm Beach, FL 33402

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0157902	

 (Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent
J. Maurice

4. DATE OF DELIVERY

5. ADDRESS (Complete only if registered)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS
AP

RECEIVED
 JAN 19 1983
 WEST PALM BEACH, FL

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

January 14, 1983

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. R. J. Guthrie
Vice President - Operations
United Technologies Corporation
Pratt & Whitney Aircraft
Government Products Division
Post Office Box 2691
West Palm Beach, Florida 33402

Dear Mr. Guthrie:

Attached is one copy of the application, BACT Determination, Technical Evaluation and Preliminary Determination, and proposed permit for construction of a 41.8 MMBTU/hr heat input steam boiler at your existing facility in West Palm Beach, Florida.

Pursuant to Section 403.815, Florida Statutes, and Florida Administrative Code Rule 17-1.62, you are required to publish (at your own expense) the attached notice. This notice should be published, one time only, in the legal ad section of the Palm Beach Post. The department, in accordance with Rule 17-1.62, is required to have proof that notice was given. Therefore, please have the newspaper prepare an affidavit of publication to submit to the department.

Please submit, in writing, any comments which you wish to have considered concerning the department's proposed action to Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

A handwritten signature in dark ink, appearing to read "C. H. Fancy".

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

cc: Thomas E. Butler, United Technologies Corp.
Jim Williams, DER Southeast District
Gene Sacco, Palm Beach County Health Department

Technical Evaluation
and
Preliminary Determination

United Technologies Corporation
Pratt & Whitney Aircraft

Steam Boiler
(42 MMBTU/hr Heat Input)

Permit Number:

AC 50-64043

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting
January 7, 1983

Technical Evaluation
and
Preliminary Determination
(AC 50-64043)

Contents

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III. Emissions and Controls	1
IV. Rule Applicability	2
V. Control Technology Review	2
VI. Conclusion	3

I. APPLICANT AND SOURCE LOCATION

A. Applicant

United Technologies Corporation
Pratt & Whitney Aircraft
Government Products Division
P. O. Box 2691
West Palm Beach, Florida 33402

B. Source Location

The proposed modification will occur at United Technologies Corporation's existing plant site located in West Palm Beach, Palm Beach County, Florida. The plant site is located just south of the intersection of state highways 706 and 710. The UTM Coordinates are Zone 17-562.0 km East and 2938.0 km North.

II. PROJECT DESCRIPTION

A new package type firetube boiler rated 42 MMBTU/hr heat input is to be installed at the existing plant site of United Technologies Corporation in Palm Beach County. The new boiler will be to replace the existing Test Area "C" Boiler #1 rated at 250 MMBTU/hr heat input with permit number AO 50-37862. The new steam boiler will fire 75% of run time on natural gas and 25% of run time on jet fuels. Normal boiler operation time will be based on rocket engine test requirements, the average annual operation time is about 1,000 hours. The existing Boiler #1, which will be deactivated during mid-1983, was permitted to fire No. 6 fuel oil or natural gas.

III. EMISSIONS AND CONTROLS

The proposed boiler will be capable of burning natural gas or distillate oil (jet fuels). For actual annual pollutant emissions' calculations, the fuel usage is assumed to be at 953 hours per year and operated 75% of run time on natural gas and 25% of run time on jet fuels.

The applicant proposed to use jet fuels with 0.056% sulfur content. Then the emissions based upon AP-42 factors from the proposed boiler will be:

<u>Pollutant</u>	<u>lb/hr(Max.)</u>	<u>tons/yr(Actual)</u>	<u>tons/yr(Max.)</u>
Particulate	0.67	0.23	4.76
Sulfur Dioxide	2.65	0.33	11.74
Nitrogen Oxides	7.34	2.67	54.18
Carbon Monoxide	1.67	0.45	10.43
Hydrocarbons	0.33	0.08	2.01

The actual/allowable emissions based upon Permit No. AO 50-4794 A from the existing Boiler #1 were:

<u>Pollutant</u>	<u>lb/hr</u>	<u>tons/yr</u>
Particulate	34.5	14
Sulfur Dioxide	471	278
Nitrogen Oxides		40

Therefore this project will result in a net reduction of all pollutants from the site.

IV. RULE APPLICABILITY

The proposed project is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes (FS), and Chapter 17-2, Florida Administrative Code (FAC).

The new boiler will be a minor source in a major emitting facility located in an attainment area for all the pollutants except ozone. The facility is located within the Palm Beach County ozone (VOC) nonattainment area. The maximum VOC emissions of the proposed boiler will be 2.01 tons per year which is much less than the 40 tons per year listed as significant for VOC in Table 500-2, PSD Section 17-2.500. Therefore, the proposed project is exempt from Section 17-2.510, New Source Review for Nonattainment Areas.

Since there is no net emission increase for particulate, sulfur dioxide or nitrogen oxides if the associated shutdown of Boiler #1 is considered, the proposed source is not subject to state PSD review according to 17-2.500(2)(d)4.

A Best Available Control Technology determination is required for the project as set forth in Emission Limiting and Performance Standards, 17-2.600(6)(b) and (c).

V. CONTROL TECHNOLOGY REVIEW

No air emission control equipment has been proposed by the applicant for this application. Applicant proposes to control particulate and sulfur dioxide emissions by firing natural gas 75% of the time and jet fuels 25%.

The BACT determination made by the department should be the best available way to control particulate and sulfur dioxide emissions from the proposed boiler. The visible emission test shall be used instead of stack test for particulate. Fuel usage annual reports will be used for sulfur dioxide emission control.

VI. CONCLUSION

Based on evaluation of the application, the Bureau believes that compliance with related state air regulation will be achieved provided certain specific conditions are met as set forth in the attached draft state permit (AC 50-64043).

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

APPLICANT: United Technologies Corporation

PERMIT/CERTIFICATION
NO. AC 50-64043

COUNTY: Palm Beach

PROJECT: Steam Boiler
42 MMBTU/hr heat input

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above-named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a 41.8 MMBTU/hr heat input steam boiler to replace the existing 250 MMBTU/hr Boiler #1 located at United Technologies Corporation's existing plant site in West Palm Beach, Palm Beach County, Florida. The UTM Coordinates of the proposed plant are 17-562.0 km East and 2938.0 km North.

The construction shall be in accordance with the attached permit application except as otherwise noted on page 3, Specific Conditions.

Attachments:

1. Application to Construct Air Pollution Source, DER Form 17-1.122(16), received on December 23, 1982.
2. BACT determination, dated on January 7, 1983.

PERMIT NO.: AC 50-64043
APPLICANT: United Technologies Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions," and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 50-64043
APPLICANT: United Technologies Corporation

SPECIFIC CONDITIONS:

1. The proposed boiler shall be constructed in accordance with the capacity and specifications stated in the application supplied by the applicant.
2. Sulfur content of the jet fuels to be fired in the proposed boiler shall not exceed 0.10 percent at any time.
3. Visible emissions from the proposed boiler shall not exceed 15% opacity, 40% opacity is permitted for not more than two minutes in any one hour. Performance tests shall be conducted when firing jet fuels. DER Method 9 (17-2.700(6)(a) 9, FAC) shall be used to determine compliance.
4. The current operation permit AO 50-37862 shall be revoked when new operation permit AO 50-64043 is issued.
5. Final specifications with "as built" drawing for verification shall be submitted with the operation permit application of this project.

PERMIT NO.: AC 50-64043
APPLICANT: United Technologies Corporation

Expiration Date: December 31, 1983

Issued this _____ day of _____, 19_____

_____ Pages Attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Signature

Best Available Control Technology (BACT) Determination
United Technologies Corporation
Palm Beach County

The applicants Government Products Division, located in West Palm Beach, intends to install a 41.8 million Btu per hour heat input package firetube boiler. The new boiler will be located in Test Area E and will replace the 250 million Btu per hour heat input Boiler No. 1 located in Test Area C, which presently supplies the steam requirements in Test Area E. The new boiler will fire natural gas an estimated 715 hours per year and jet fuels 238 hours per year.

A BACT determination is required for this source as set forth in the Florida Administrative Code Rule 17-2.600(6) - Emission Limiting and Performance Standards.

BACT Determination Requested by the Applicant:

Particulate and sulfur dioxide emission to be controlled by firing natural gas 75% of the time and jet fuels 25%.

Date of Receipt of a BACT application:

January 4, 1983

Date of Publication in the Florida Administrative Weekly:

January 14, 1983

Review Group Members:

The determination was based upon comments received from the New Source Review Section.

BACT Determined by DER:

The amount of particulate and sulfur dioxide emissions emitted from this source are to be controlled by the firing of natural gas or unadulterated aviation turbine oils JP 4, JP 5, JP 7 or Jet A.

Visible Emissions Not to exceed 15% opacity. 40% opacity is permitted for not more than two minutes in any one hour.

DER Method 9 (17-2.700(6)(a)9. FAC) will be used to determine compliance. Performance tests will be conducted when firing aviation turbine oils.

BACT Determination Rationale:

Aviation turbine oils are distillate oils similar to kerosene or

No. 1 oil and have a sulfur content of less than 0.5 percent. The use of natural gas or distillate oil as fuel in a boiler of this size is a recognized option for the control of particulate and sulfur dioxide emissions, and therefore, is determined to be BACT.

The jet fuels JP 4, JP 5, JP 7 and Jet A have similar specifications and may be fired separate or as a blend. The word unadulterated is defined to mean virgin or new oil which has been refined from crude oil and has not been used, and which may or may not contain additives. This term is included to prevent the firing of used oil, emissions from which were not considered in this BACT analysis.

Details of the Analysis May be Obtained by Contacting:

Edward Palagyi, BACT Coordinator
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301

Recommended By:

C. H. Fancy
C. H. Fancy, Deputy Bureau Chief

Date: 1-7-83

Approved:

Victoria J. Tschinkel
Victoria J. Tschinkel, Secretary

Date: 1/7/83

NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Regulation gives notice of its intent to issue a permit to United Technologies Corporation for the construction of a 41.8 MMBTU/hr heat input steam boiler to replace the existing 250 MMBTU/hr Boiler #1 located at their existing plant site in West Palm Beach, Palm Beach County, Florida. A determination of Best Available Control Technology (BACT) was required.

A person who is substantially affected by the Department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation, BACT determination, and departmental intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

DER, Bureau of Air Quality Mgmt.
2600 Blair Stone Road
Tallahassee, Florida 32301

DER Southeast Florida
District Office
3301 Gun Club Road
Orlando, Florida 32803

Comments on this action shall be submitted in writing to Bill Thomas of the Tallahassee office within thirty (30) days of this notice.



**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P.O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

December 21, 1982

Government Products Division

Mr. James C. Williams
Permitting Section Head
Department of Environmental Regulation
Post Office Box 3858
West Palm Beach, Florida 33402

DER
JAN 3 1983
BAQM

RE: Test Area "E" Boiler - (Air Permit)

Dear Mr. Williams:

In accordance with your previous discussions with our Environmental Affairs Office, the attached Application to Operate/Construct Air Pollution Sources, DER Form 17-1.122(16) is submitted in quadruplicate along with the required check (No. 900073) for \$250 made payable to the Florida Department of Environmental Regulation.

The new proposed boiler will be located in our Test Area E and will be used to replace our Area C Boiler No. 1 which currently supplies steam generation for Area E. The Area C boilers are permitted with the DER under Operation Permit No. AO 50-37862. Our plans are to deactivate Area C Boiler No. 1 by the July-August 1983 time frame when the new Area E boiler is scheduled to come on line. This will be reflected when the above operation permit is revised.

Since the above represents a replacement of a boiler rated slightly less than 250,000,000 BTU/Hr. with a significantly smaller 34,500,000 BTU/Hr. boiler, it is anticipated that your office can help expedite the issuance of the construction permit or letter of approval to allow us to begin construction in January 1983.

Concurrently with the air pollution permit application we are submitting an industrial wastewater permit application to your office to cover the blowdown from the new Area E boiler to an on-site enclosed pond.

Your efforts to issue the permit will be greatly appreciated.

Should you desire any further information, please let us know.

Very truly yours,

R. J. Guthrie
Vice President - Operations

ja (0665)
Attachments

cc: E. J. Sacco (PBCHD)
M. J. Martin (PBCHD)

RECEIVED
DEC 23 1982

Dept. of Environmental Reg.
West Palm Beach

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO.

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Clair Fancy ^{Patty}

INITIAL

DATE

2.

BAQM - Suite 1001

INITIAL

DATE

3.

Tallahassee

INITIAL

DATE

4.

INITIAL

DATE

REMARKS:

Pratt & Whitney Appls enclosed. Please expedite as they wanted to start in Jan. They were told it was hardly possible but it would be done as soon as possible.

Recommendations:

1. Visible emissions instead of stack test.
2. Restriction to Jet fuel as worst fuel.

3/83 IF at all possible, I would like to move this one out as quickly as possible.

Clair

INFORMATION

REVIEW & RETURN

REVIEW & FILE

INITIAL & FORWARD

DISPOSITION

REVIEW & RESPOND

PREPARE RESPONSE

FOR MY SIGNATURE

FOR YOUR SIGNATURE

LET'S DISCUSS

SET UP MEETING

INVESTIGATE & REPT

INITIAL & FORWARD

DISTRIBUTE

CONCURRENCE

FOR PROCESSING

INITIAL & RETURN

FROM:

J. Goldman
West Palm Beach

DATE

12/27/82

PHONE

AC 50-64043

DER

JAN 3 1983

BAQM

RECEIVED

DEC 23 1982

Dept. of Environmental Reg.
West Palm Beach

PAID
\$250.00

DEC 23 1982

900073

Dept. of Environmental Reg.
West Palm Beach

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

**APPLICATION TO OPERATE/CONSTRUCT
AIR POLLUTION SOURCES**

SOURCE TYPE: Steam Boiler New¹ Existing¹

APPLICATION TYPE: Construction Operation Modification

COMPANY NAME: United Technologies Corporation
Pratt & Whitney Aircraft COUNTY: Palm Beach

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Area E - 1,000 HP Scotch Marine Boiler (34,500 lbs./hr.)

SOURCE LOCATION: Street S.R. 710 City West Palm Beach

UTM: East 562,000 North 938,000

Latitude 26 ° 53 ' 31 "N Longitude 80 ° 22 ' 29 "W

APPLICANT NAME AND TITLE: United Technologies Corporation, Pratt & Whitney Aircraft,

APPLICANT ADDRESS: Government Products Division, P. O. Box 2691, West Palm Beach,
Florida 33402

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

United Technologies Corporation
Pratt & Whitney Aircraft
Government Products Division

I am the undersigned owner or authorized representative* of Government Products Division

I certify that the statements made in this application for a construction air pollution permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: R. J. Guthrie
R. J. Guthrie, Vice President - Operations
Name and Title (Please Type)

Date: 12/22/82 Telephone No. (305) 840-2680

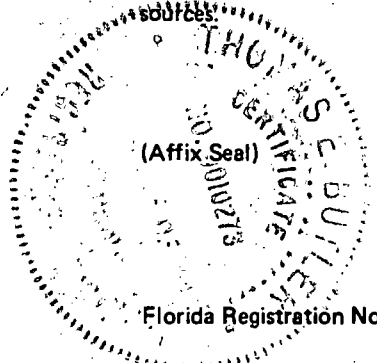
B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed: Thomas E. Butler
Thomas E. Butler
Name (Please Type)
United Technologies Corp., Pratt & Whitney Aircraft,
Government Products Division

P.O. Box 2691
West Palm Beach, Florida 33402
Company Name (Please Type)
Mailing Address (Please Type)

Date: 12/22/82 Telephone No. (305) 840-2940



Florida Registration No. 10273

¹See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

(See Attachment I)

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction January 1983 Completion of Construction July 1983

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

None; however, \$20,000 will be spent to convert existing system piping to a natural gas fuel line to allow the boiler to operate on natural gas.

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

Permit No. AO 50-30558 issued 12/9/80 and expires 12/9/85.

Permit No. AO 50-37862 issued 12/30/80 and expires 12/30/85.

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes No

F. Normal equipment operating time: hrs/day 12 ; days/wk 4 ; wks/yr 18 ; if power plant, hrs/yr NA ;

If seasonal, describe: Based on rocket engine test requirements - 1983 = 60 hrs.

1984 = 1415 hrs.

1985 = 375 hrs.

1986 = 1070 hrs.

G. If this is a new source or major modification, answer the following questions. (Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? Yes

a. If yes, has "offset" been applied? No

b. If yes, has "Lowest Achievable Emission Rate" been applied? No

c. If yes, list non-attainment pollutants.
Ozone.

2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. Yes

3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII. No

4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? No

5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

NOT APPLICABLE

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): _____

2. Product Weight (lbs/hr): 34,500 pph of steam

C. Airborne Contaminants Emitted: Based on AP-42, Table 1.3-1 -- Distillate Oil
(See attached Page 3 of 10 on Natural Gas Airborne Contaminants Emitted.)

Name of Contaminant	Emission ¹		Allowed Emission ^{2*} Rate per Ch. 17-2, F.A.C. (Tons/Yr.)	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr**			lbs/hr	T/yr	
Particulates	0.67	0.08	50	---	0.67	2.93	NA
SO ₂	2.65	0.32	50	100	2.65	11.63	NA
Hydrocarbons (as CH ₄)	0.33	0.04	50	---	0.33	1.46	NA
NO _x	7.34	0.87	50	---	7.34	32.18	NA
CO	1.67	0.20	50	100	1.67	7.31	NA

(See supporting calculations attached for emissions from the combustion of both distillate oil and natural gas.)

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(8) Table II, E. (1), F.A.C. - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard

⁴Emission, if source operated without control (See Section V, Item 3)

⁵If Applicable

*From Section 17-2.510(3)(a)1.a.(i) Table II (Florida Administrative Code)

**Based on 238 average run hours per year (normal operation).

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
JP4*, JP5*, JP7*, JETA*	4.0 BBL's/Hr.	8.0 BBL's/Hr.	41.8 MMBTU/Hr.
Natural Gas	.020 MMCF/Hr.	.0418 MMCF/Hr.	41.8 MMBTU/Hr.

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr Only one of the above categories of fuels can be burned at any given time.

Fuel Analysis:

Percent Sulfur: JP's = 0.056%/Natural Gas = NIL Percent Ash: JP's = 0.78 MG/Liter Natural Gas = 0.006 MG/Liter
 Density: JP's = 7.06 lbs/gal 3 Typical Percent Nitrogen: JP's = 0.006
Natural Gas = 0.735 lbs./ft. Natural Gas = NIL
 Heat Capacity: JP's = 18,700 BTU/lb 125,300 BTU/gal
Natural Gas = 1,000 BTU/CF (100,000 BTU's/Therm)
 Other Fuel Contaminants (which may cause air pollution): None

F. If applicable, indicate the percent of fuel used for space heating. Annual Average NA Maximum NA

G. Indicate liquid or solid wastes generated and method of disposal.

Boiler blowdown will be discharged into adjacent enclosed ponds. Cooling water will be added to the blowdown discharge to reduce the exist temperature. This discharge is being covered under a separate industrial wastewater construction permit application to DER.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): (Typical 1,000 HP package fire-tube boiler)

Stack Height: 15' above grade ft. Stack Diameter: 2.5 ft.
 Gas Flow Rate: 6690 ACFM Gas Exit Temperature: 400 - 500 °F.
 Water Vapor Content: Max. = 15.9 % Velocity: 21 FPS

SECTION IV: INCINERATOR INFORMATION

NOT APPLICABLE

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

*Aircraft turbine engine fuels

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter _____ Stack Temp. _____ °

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: Cyclone Wet Scrubber Afterburner Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation. NOT APPLICABLE
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made. (See attached calculations based on AP-42)
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test). (Same as above)
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, etc.). NOT APPLICABLE
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3, and 5 should be consistent: actual emissions = potential (1-efficiency). NOT APPLICABLE
6. An 8½" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained. (See attached sketch entitled, "Flow Diagram")
7. An 8½" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map). See attached drawings entitled, "E-6 Firetube Boiler"
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram. NOT APPLICABLE

9. An application fee of \$20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation. Based on revised DER permit fees, effective July 8, 1982, a \$250 check is attached.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit. NOT APPLICABLE

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

- A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?
 Yes No

Contaminant	Rate or Concentration

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) Yes No

Contaminant	Rate or Concentration

- C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration
(See page 3 of 10 -- Maximum lbs./hr. emissions.)	

- D. Describe the existing control and treatment technology (if any). Normally, boiler will be operated 75% of run time on natural gas and 25% of run time on jet fuels.

- | | |
|---------------------------|----------------------|
| 1. Control Device/System: | 4. Capital Costs: |
| 2. Operating Principles: | 6. Operating Costs: |
| 3. Efficiency:* | 8. Maintenance Cost: |
| 5. Useful Life: | |
| 7. Energy: | |
| 9. Emissions: | |

Contaminant	Rate or Concentration

*Explain method of determining D 3 above.

10. Stack Parameters

- | | | | |
|---------------|------|-----------------|-----|
| a. Height: | ft. | b. Diameter: | ft. |
| c. Flow Rate: | ACFM | d. Temperature: | °F |
| e. Velocity: | FPS | | |

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1. NOT APPLICABLE

- a. Control Device:
- b. Operating Principles:

- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy*:
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:

- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy**:
- h. Maintenance Costs:
- i. Availability of construction materials and process chemicals:

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

*Explain method of determining efficiency.

**Energy to be reported in units of electrical power – KWH design rate.

3.

- a. Control Device:
- b. Operating Principles:

- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:

*Explain method of determining efficiency above.

- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space and operate within proposed levels:

4.

- a. Control Device
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected: Normally, boiler will be operated 75% of run time on natural gas and 25% of run time on jet fuels.

- 1. Control Device:
- 2. Efficiency*:
- 3. Capital Cost:
- 4. Life:
- 5. Operating Cost:
- 6. Energy:
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:

a.

- (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:
- (5) Environmental Manager:
- (6) Telephone No.:

*Explain method of determining efficiency above.

- (7) Emissions*:

Contaminant	Rate or Concentration

- (8) Process Rate*:

b.

- (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

*Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions*:

Contaminant	Rate or Concentration
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

(8) Process Rate*:

10. Reason for selection and description of systems:

*Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII – PREVENTION OF SIGNIFICANT DETERIORATION

A. Company Monitored Data

1. _____ no sites _____ TSP _____ () SO2* _____ Wind spd/dir
Period of monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

2. Instrumentation, Field and Laboratory

a) Was instrumentation EPA referenced or its equivalent? _____ Yes _____ No

b) Was instrumentation calibrated in accordance with Department procedures? _____ Yes _____ No _____ Unknown

B. Meteorological Data Used for Air Quality Modeling

1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

2. Surface data obtained from (location) _____

3. Upper air (mixing height) data obtained from (location) _____

4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

1. _____ Modified? If yes, attach description.

2. _____ Modified? If yes, attach description.

3. _____ Modified? If yes, attach description.

4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description on point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

*Specify bubbler (B) or continuous (C).

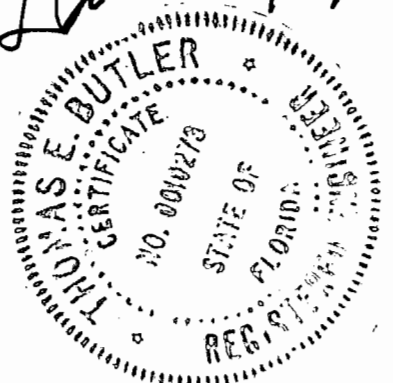
G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

ATTACHMENT I

A 34,500 lb./hr., 300 psig (design pressure) package type firetube boiler with accessories will be installed in Test Area "E." The boiler will supply steam to steam accumulators for rocket engine testing in Area "E." Test Area "C" Boiler #1 will be deactivated during mid-1983. All three of the Area "C" boilers are rated at 250,000 lbs./hr., 550 psig. The Area "C" boiler air emissions are currently covered under DER Operation Permit No. AO 50-37862.

J Butler 12/23/82



Supporting Calculations for Boiler Emissions
(Actual and Maximum/Potential Emissions)
Using Distillate Oil

Actual air emissions have been calculated using an average of 953 hrs./yr. of operation, 238 run hours on jet fuels and 715 run hours on natural gas. The boiler heat output will be 33,480,000 BTU/hr. Using 80% combustion efficiency, the heat input required is 41,850,000 BTU/hr. Based on 125,000 BTU/gal. for distillate oil, the boiler will burn 334 gal./hr. at maximum firing rate.

Maximum/Potential Emissions:

Particulates:

$$2 \text{ lbs./}10^3 \text{ gal.*} \times 334 \text{ gal./hr.} = \underline{0.67 \text{ lbs./hr.}}$$

$$2 \text{ lbs./}10^3 \text{ gal.*} \times 334 \text{ gal./hr.} \times 24 \text{ hrs./day} \times 365 \text{ days/yr.} \\ \times 1 \text{ ton/2,000 lbs.} = \underline{2.93 \text{ tons/yr.}}$$

SO₂:

$$142 (\% \text{ sulfur in fuel})/10^3 \text{ gal.*} \times 334 \text{ gal./hr.} = \\ 142 (0.056)/10^3 \times 334 = \underline{2.65 \text{ lbs./hr.}}$$

$$142 (0.056)/10^3 \times 334 \times 24 \times 365 \times 1/2000 = \underline{11.63 \text{ tons/yr.}}$$

Hydrocarbons (as CH₄):

$$1 \text{ lb./}10^3 \text{ gal.*} \times 334 = \underline{0.33 \text{ lbs./hr.}} \\ 1/10^3 \times 334 \times 24 \times 365 \times 1/2000 = \underline{1.46 \text{ tons/yr.}}$$

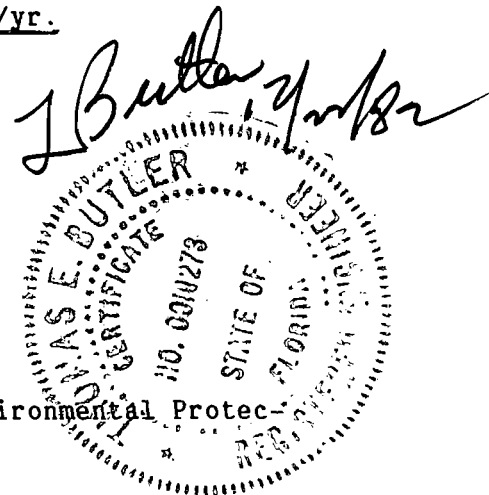
NO_x:

$$22 \text{ lbs./}10^3 \text{ gal.*} \times 334 = \underline{7.34 \text{ lbs./hr.}} \\ 22/10^3 \times 334 \times 24 \times 365 \times 1/2000 = \underline{32.18 \text{ tons/yr.}}$$

CO:

$$5 \text{ lbs./}10^3 \text{ gal.*} \times 334 = \underline{1.67 \text{ lbs./hr.}} \\ 5/10^3 \times 334 \times 24 \times 365 \times 1/2000 = \underline{7.31 \text{ tons/yr.}}$$

*Factors used in calculations are based on U.S. Environmental Protection Agency AP-42 publication.



Actual Emissions (Based on 25% of 953 hrs.)

Particulates:

$$2/10^3 \times 334 \times 238 \times 1/2000 = \underline{0.08 \text{ tons/yr.}}$$

SO₂:

$$142 (0.056)/10^3 \times 334 \times 238 \times 1/2000 = \underline{0.32 \text{ tons/yr.}}$$

Hydrocarbons (as CH₄):

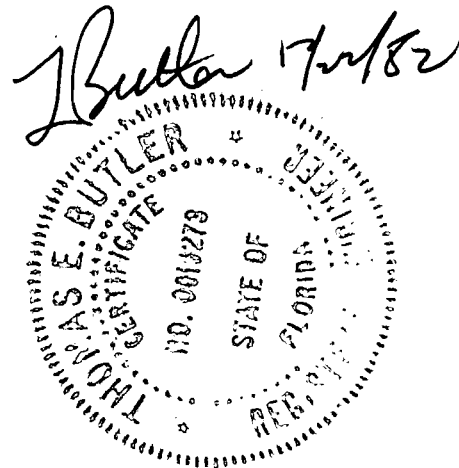
$$1/10^3 \times 334 \times 238 \times 1/2000 = \underline{0.04 \text{ tons/yr.}}$$

NO_x:

$$22/10^3 \times 334 \times 238 \times 1/2000 = \underline{0.87 \text{ tons/yr.}}$$

CO:

$$5/10^3 \times 334 \times 238 \times 1/2000 = \underline{0.20 \text{ tons/yr.}}$$



Actual and Maximum/Potential Emissions Using Natural Gas

Actual air emissions have been calculated using an average of 953 hrs./yr. of operation. The boiler heat input will be 41,850,000 BTU/hr. and the firing rate will be 41,850 ft.³/hr.

Maximum/Potential Emissions:

Particulates:

$$10 \text{ lbs./}10^6 \text{ ft.}^3 * \text{ x } 41850 \text{ ft.}^3/\text{hr.} = \underline{0.42 \text{ lbs./hr.}}$$

$$10 \text{ lbs./}10^6 \text{ ft.}^3 \text{ x } 41850 \text{ ft.}^3/\text{hr.} \text{ x } 24 \text{ hrs./day} \text{ x } 365 \text{ days/yr.} \text{ x } 1 \text{ ton/2000} = \underline{1.83 \text{ tons/yr.}}$$

SO₂:

$$0.6/10^6 * \text{ x } 41850 = \underline{0.03 \text{ lbs./hr.}}$$

$$0.6/10^6 \text{ x } 41850 \text{ x } 24 \text{ x } 365 \text{ x } 1/2000 = \underline{0.11 \text{ tons/yr.}}$$

Hydrocarbons (as CH₄):

$$3/10^6 * \text{ x } 41850 = \underline{0.13 \text{ lbs./hr.}}$$

$$3/10^6 \text{ x } 41850 \text{ x } 24 \text{ x } 365 \text{ x } 1/2000 = \underline{0.55 \text{ tons/yr.}}$$

NO_x:

$$120/10^6 * \text{ x } 41850 = \underline{5.02 \text{ lbs./hr.}}$$

$$120/10^6 \text{ x } 41850 \text{ x } 24 \text{ x } 365 \text{ x } 1/2000 = \underline{22.0 \text{ tons/yr.}}$$

CO:

$$17/10^6 * \text{ x } 41850 = \underline{0.71 \text{ lbs./hr.}}$$

$$17/10^6 \text{ x } 41850 \text{ x } 24 \text{ x } 365 \text{ x } 1/2000 = \underline{3.12 \text{ tons/yr.}}$$

Actual Emissions: (Based on 75% of 953 hours)

Particulates:

$$10/10^6 * \text{ x } 41850 \text{ x } 715 \text{ x } 1/2000 = \underline{0.15 \text{ tons/yr.}}$$

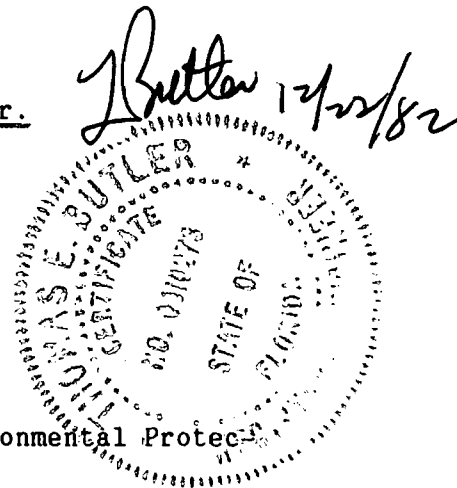
SO₂:

$$0.6/10^6 * \text{ x } 41850 \text{ x } 715 \text{ x } 1/2000 = \underline{0.01 \text{ tons/yr.}}$$

Hydrocarbons (as CH₄):

$$3/10^6 * \text{ x } 41850 \text{ x } 715 \text{ x } 1/2000 = \underline{0.04 \text{ tons/yr.}}$$

*Factors used in calculations are based on U.S. Environmental Protection Agency AP-42 publication.

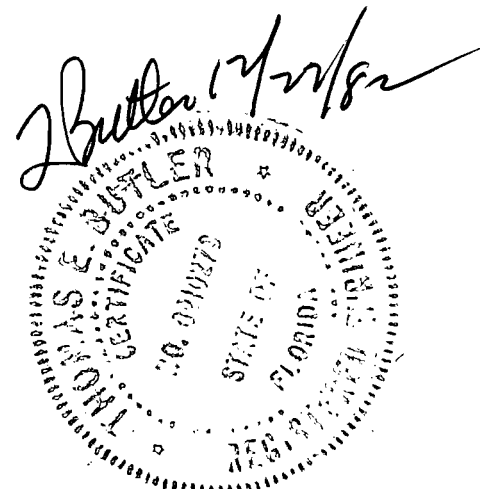


NO_x:

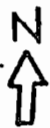
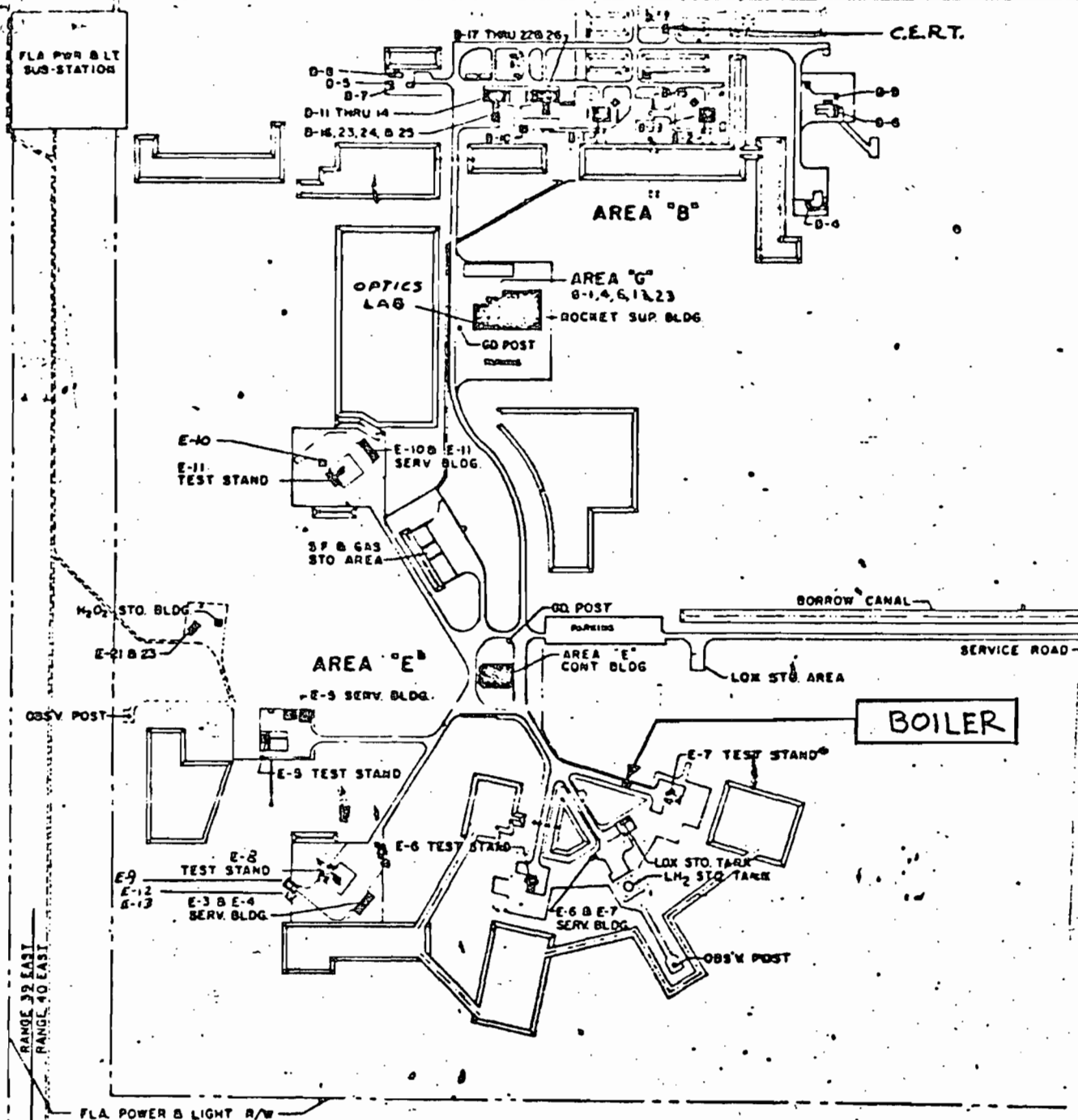
$$120/10^6 * x 41850 x 715 x 1/2000 = \underline{1.80 \text{ tons/yr.}}$$

CO

$$17/10^6 * x 41850 x 715 x 1/2000 = \underline{0.25 \text{ tons/yr.}}$$



*Factors used in calculations are based on U.S. Environmental Protection Agency AP-42 publication.



RANGE 32 EAST
RANGE 40 EAST

FLA. POWER & LIGHT R/W

PRATT & WHITNEY PROPERTY

J. Buller
1/21/82

THOMAS S. BULLER
CERTIFICATE
NO. 0010278
STATE OF FLORIDA

PRATT & WHITNEY AIRCRAFT GROUP
Government Products Division
West Palm Beach, Florida 33402

E-6 FIRE TUBE BOILER

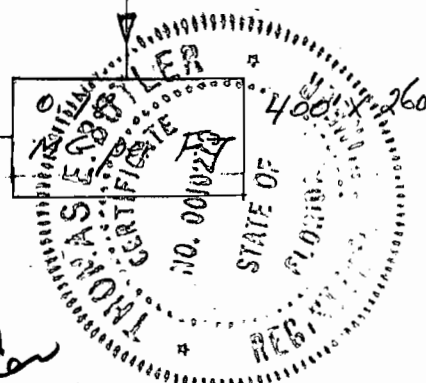
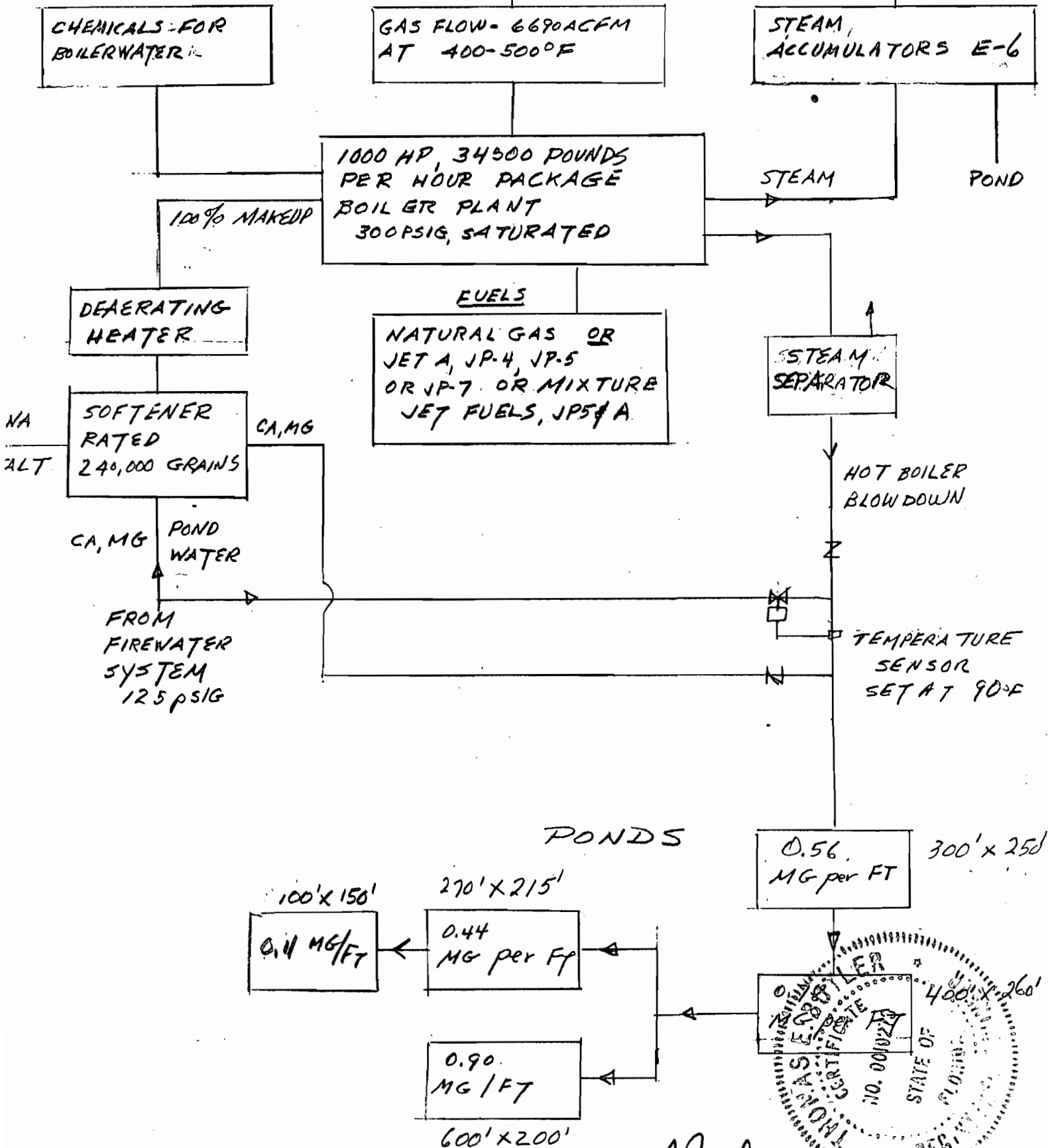
APPROVED BY **T. CHEWILE** DATE **9/29/82**

1"=200'

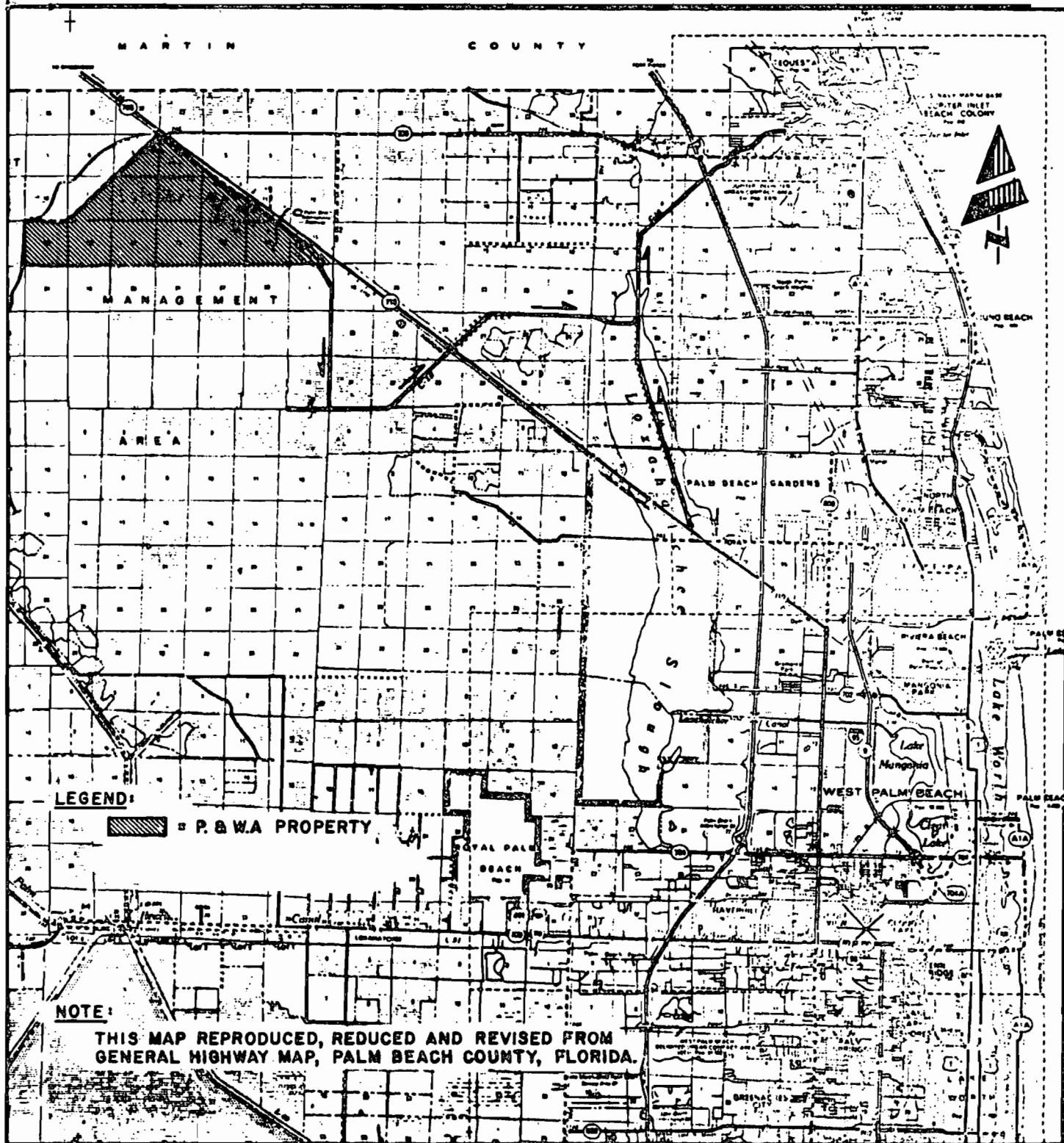
FLOW DIAGRAM

STACK DIA - 2'6"
 ↑ HGT - 15' ABOVE GRADE

ATMOSPHERE



Butler
 1/2/82

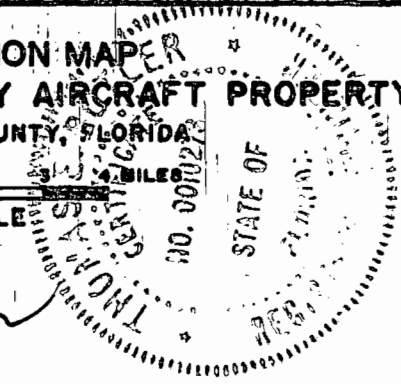


PL-772 A
7/18/81

**SITE LOCATION MAP
FOR PRATT & WHITNEY AIRCRAFT PROPERTY
PALM BEACH COUNTY, FLORIDA**

0 1 2 MILES
SCALE

*Butler
7/22/81*





**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P.O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

Government Products Division

September 23, 1982

Department of Environmental Regulation
Post Office Box 3858
West Palm Beach, Florida 33402

THE UNDERSIGNED, Assistant Secretary of UNITED TECHNOLOGIES CORPORATION, a corporation duly authorized and existing under the laws of the State of Delaware and having its principal place of business in the City of Hartford, State of Connecticut, hereby certifies:

That R. J. Guthrie is the Vice President - Operations of the Government Products Division of Pratt & Whitney Aircraft and has been delegated authority by the Board of Directors of said Corporation to execute for and on behalf of the Corporation any and all types of contracts, amendments, licenses and permits which affect the operations of the Government Products Division.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and affixed the seal of said Corporation this 23th day of September 1982.

A handwritten signature in cursive script, appearing to read "Whilden S. Parker".

Whilden S. Parker
Assistant Secretary

ja (0543)

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000064043 COE# DER PROCESSOR: WILLIAMS, JIM DER OFFICE: TLH
 FILE NAME: GUTHRIE, R. J. DATE FIRST REC: 12/23/82 APPLICATION TYPE: AC
 APPL NAME: UNITED TECH. CORP.-P&W APPL PHONE: (305)840-2680 PROJECT COUNTY: 50
 ADDR: P.O. BOX 2691 CITY: WEST PALM BEACH ST: FLZIP: 33402
 AGNT NAME: THOMAS E. BUTLER AGNT PHONE: (305)840-2940
 ADDR: P.O. BOX 2691 CITY: WEST PALM BEACH ST: FLZIP: 33402

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC: Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC: Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED: N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 12/27/82 16:04:08

FEE PD DATE#1: 12/23/82 \$0250 RECEIPT#000066424 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL: ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED: TR DATE: 12/27/82

REMARKS: UPR
 STEAM BOILER

DER
 JAN 3 1983
 BAQM

STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL REGULATION

Nº 66424

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from United Technologies-Pratt & Whitney Aircraft Date 12/23/82
 Address P.O. Box 2691, West Palm Beach, FL 33402 Dollars \$ 250.00
 Applicant Name & Address United Technologies Corp., Pratt & Whitney Aircraft, P.O. Box 2691, West Palm Beach, FL 33402
Imax United Technologies Corporation-Pratt & Whitney Aircraft (Steam Boiler)
 Source of Revenue
 Revenue Code 0101 (900073) Application Number AC 50-64043

By _____

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Broward County Environmental Quality Control Board
Broward County Health Department
Dade County Health Department
Metropolitan Dade County Environmental Resources Management
Palm Beach County Health Department

FROM: James G. Williams, P.E., West Palm Beach

DATE: December 23, 1982

SUBJECT: Application

Application File No. AC 50-64043
Application Name United Technologies Corp.-Pratt & Whitney Aircraft
(Steam Boiler)

This office has received the following application for:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Air Pollution Source | <input type="checkbox"/> Industrial Wastewater |
| <input type="checkbox"/> Domestic Wastewater | <input type="checkbox"/> Injection Well |
| <input type="checkbox"/> Drainage Well | <input type="checkbox"/> Public Water Well/Plant |
| <input type="checkbox"/> Hazardous Waste Facility | <input type="checkbox"/> Solid Waste Facility |

for

- | |
|---|
| <input checked="" type="checkbox"/> Construction Permit |
| <input type="checkbox"/> Operating Permit |
| <input type="checkbox"/> Temporary Operating Permit |

Your comments regarding completeness of the application are requested by January 6, 1983.

A copy of the application has been provided to you by:

- | |
|---|
| <input checked="" type="checkbox"/> The applicant or his engineer; or |
| <input type="checkbox"/> Is attached |

If you have any questions please call 305/689-5800.

JCW:km



**UNITED
TECHNOLOGIES
PRATT & WHITNEY
AIRCRAFT**

P.O. Box 2691
West Palm Beach, Florida 33402
305/840-2000

Government Products Division

September 23, 1982

Department of Environmental Regulation
Post Office Box 3858
West Palm Beach, Florida 33402

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Whilden S. Parker
Assistant Secretary

ja (0543)