Department of
Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

I. APPLICATION INFORMATION

Identification of Facility Addressed in This Application

1. Facility Owner/Company Name : Florida Power Corporation	
2. Site Name : Tiger Bay Facility	
3. Facility Identification Number : 1050223	[ ] Unknown
4. Facility Location : Ft. Meade Street Address or Other Locator : 3219 State Road 630 East City : Ft. Meade County : Polk	Zip Code : 33841
5. Relocatable Facility? [ ] Yes [X] No	6. Existing Permitted Facility? [X] Yes [ ] No

RECEIVED
MAY 17 2000
BUREAU OF AIR REGULATION

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :

Name : W. Jeffrey Pardue, C.E.P.
Title : Director, Environmental Services

2. Owner or Authorized Representative or Responsible Official Mailing Address :

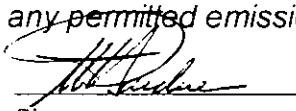
Organization/Firm : Florida Power Corporation
Street Address : P.O. Box 14042, MAC BB1A
City : St. Petersburg
State : FL Zip Code : 33733

3. Owner/Authorized Representative or Responsible Official Telephone Numbers :

Telephone : (727)826-4301 Fax : (727)826-4216

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions units.*



Signature

5/15/00

Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
004	Natural gas-fired package steam boiler	

Purpose of Application and Category

ategory I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, .A.C.

This Application for Air Permit is submitted to obtain :

[ ] Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

[ ] Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number :

[ ] Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed :

[ ] Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number :

Operation permit to be revised :

[ ] Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application.

Operation permit to be revised/corrected :

[ ] Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit.

Operation permit to be revised :

Reason for revision :

ategory II : All Air Operation Permit Applications Subject to Processing Under Rule 2-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain :

[ ] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s) :

[ ] Renewal air operation permit under Fule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed :

[ ] Air operation permit revision for a synthetic non-Title V source.

Operation permit to be revised :

Reason for revision :

Category III : All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain :

[X] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any :
1050223-002-AV

[ ] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s) :

[ ] Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one :

[ ] Attached - Amount : $0.00 [X] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations : Addition of natural gas-fired package steam boiler for providing supplemental steam.
2. Projected or Actual Date of Commencement of Construction : 01-Jul-2000
3. Projected Date of Completion of Construction : 30-Aug-2000

Professional Engineer Certification

1. Professional Engineer Name : Jennifer A. Stenger Registration Number : 0052125
2. Professional Engineer Mailing Address : Organization/Firm : Florida Power Corporation Street Address : P.O. Box 14042, MAC BB1A City : St. Petersburg State : FL Zip Code : 33733
3. Professional Engineer Telephone Numbers : Telephone : (727)826-4132 Fax : (727)826-4216

Application Contact

1. Name and Title of Application Contact :

Name : J. Michael Kennedy, Q.E.P.
Title : Manager, Air Programs

2. Application Contact Mailing Address :

Organization/Firm : Florida Power Corporation
Street Address : P.O. Box 14042, MAC BB1A
City : St. Petersburg
State : FL Zip Code : 33733

3. Application Contact Telephone Numbers :

Telephone : (727)826-4334 Fax : (727)826-4216

Application Comment

This application is for the proposed addition of a natural gas-fired package steam boiler in order to provide a backup steam supply. The heat input capacity of the boiler is 100 mmBtu/hr, which subjects it to 40 CFR Part 60, Subpart Dc.

4. Professional Engineer Statement :

I, the undersigned, hereby certify, except as particularly noted herein, that :*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollutant control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [ ] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [ ] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Jennifer A. Stenger — Signature

5/15/00 — Date

(seal)

* I am certifying the technical content of the permit application, but not the engineering design/construction of the supplemental steam boiler manufactured by Cleaver-Brooks.

* Attach any exception to certification statement.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type 8

1. Facility UTM Coordinates :
   Zone : 17 East (km) : 416.20 North (km) : 3069.22

2. Facility Latitude/Longitude :
   Latitude (DD/MM/SS) : 24 44 47 Longitude (DD/MM/SS) : 81 51 51

3. Governmental Facility Code :	4. Facility Status Code :	5. Facility Major Group SIC Code :	6. Facility SIC(s) :
0	A	49	

7. Facility Comment :

Facility consists of a single combustion turbine (CT) that exhausts through a heat recovery steam generator (HRSG). The CT is permitted to burn natural gas or distillate fuel oil. The facility also operates a zero liquid discharge system that provides treatment of process wastewater and exhausts through a baghouse. Total capacity of the facility is 269.5 MW, of which a nominal 184 MW are from the CT and a nominal 85.5 MW are provided by the HRSG.

Facility Contact

1. Name and Title of Facility Contact :
   Paul V. Crimi
   Asset Manager

2. Facility Contact Mailing Address :
   Organization/Firm : Florida Power Corporation
   Street Address : 3219 State Road 630 East
   City : Ft. Meade State : FL Zip Code : 33841

3. Facility Contact Telephone Numbers :
   Telephone : (863)519-6101 Fax : (863)519-6110

Facility Regulatory Classifications

1. Small Business Stationary Source?	N
2. Title V Source?	Y
3. Synthetic Non-Title V Source?	N
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	Y
5. Synthetic Minor Source of Pollutants Other than HAPs?	N
6. Major Source of Hazardous Air Pollutants (HAPs)?	N
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	Y
9. One or More Emission Units Subject to NESHAP?	N
10. Title V Source by EPA Designation?	N
11. Facility Regulatory Classifications Comment : The CT is subject to NSPS for stationary gas turbines (40 CFR Part 60, Subpart GG).	

B. FACILITY REGULATIONS

Rule Applicability Analysis

Not Applicable

B. FACILITY REGULATIONS

List of Applicable Regulations

Refer to Attachment TB-F1-B

ATTACHMENT TB-F1-B

Applicable Requirements Listing

EMISSION UNIT ID: EU1

FDEP Rules:

Air Pollution Control-General Provisions:

62-204.800(7)(b)37. (State Only)	- NSPS Subpart GG
62-204.800(7)(c) (State Only)	- NSPS authority
62-204.800(7)(d)(State Only)	- NSPS General Provisions
62-204.800(12) (State Only)	- Acid Rain Program
62-204.800(13) (State Only)	- Allowances
62-204.800(14) (State Only)	- Acid Rain Program Monitoring
62-204.800(16) (State Only)	- Excess Emissions (Potentially applicable over term of permit)

Stationary Sources-General:

62-210.650	- Circumvention; EUs with control device
62-210.700(1)	- Excess Emissions;
62-210.700(4)	- Excess Emissions; poor maintenance
62-210.700(6)	- Excess Emissions; notification

Acid Rain:

62-214.300	- All Acid Rain Units (Applicability)
62-214.320(1)(a),(2)	- All Acid Rain Units (Application Shield)
62-214.330(1)(a)1.	- Compliance Options (if 214.430)
62-214.340	- Exemptions (new units, retired units)
62-214.350(2);(3);(6)	- All Acid Rain Units (Certification)
62-214.370	- All Acid Rain Units (Revisions; correction; potentially applicable if a need arises)
62-214.430	- All Acid Rain Units (Compliance Options-if required)

Stationary Sources-Emission Standards:

62-296.320(4)(b)(State Only)	- CTs/Diesel Units

Stationary Sources-Emission Monitoring (where stack test is required):

62-297.310(1)	- All Units (Test Runs-Mass Emission)
62-297.310(2)(b)	- All Units (Operating Rate; other than CTs;no CT)
62-297.310(3)	- All Units (Calculation of Emission)
62-297.310(4)(a)	- All Units (Applicable Test Procedures;Sampling time)
62-297.310(4)(b)	- All Units (Sample Volume)
62-297.310(4)(c)	- All Units (Required Flow Rate Range-PM/H2SO4/F)
62-297.310(4)(d)	- All Units (Calibration)
62-297.310(4)(e)	- All Units (EPA Method 5-only)
62-297.310(5)	- All Units (Determination of Process Variables)

62-297.310(6)(a)	- All Units (Permanent Test Facilities-general)
62-297.310(6)(c)	- All Units (Sampling Ports)
62-297.310(6)(d)	- All Units (Work Platforms)
62-297.310(6)(e)	- All Units (Access)
62-297.310(6)(f)	- All Units (Electrical Power)
62-297.310(6)(g)	- All Units (Equipment Support)
62-297.310(7)(a)1.	- Applies mainly to CTs/Diesels
62-297.310(7)(a)2.	- FFSG excess emissions
62-297.310(7)(a)3.	- Permit Renewal Test Required
62-297.310(7)(a)4.a	- Annual Test
62-297.310(7)(a)5.	- PM exemption if <400 hrs/yr
62-297.310(7)(a)6.	- PM FFSG semi annual test required if >200 hrs/yr
62-297.310(7)(a)7.	- PM quarterly monitoring if >100 hrs/yr
62-297.310(7)(a)9.	- FDEP Notification - 15 days
62-297.310(7)(c)	- Waiver of Compliance Tests (Fuel Sampling)
62-297.310(8)	- Test Reports

Federal Rules:

NSPS Subpart GG:

40 CFR 60.332(a)(1)	- NOx for Electric Utility CTs
40 CFR 60.332(a)(3)	- NOx for Electric Utility CTs
40 CFR 60.333	- SO2 limits
40 CFR 60.334	- Monitoring of Operations (Custom Monitoring for Gas)
40 CFR 60.335	- Test Methods

NSPS General Requirements:

40 CFR 60.7(a)(1)	- Notification of Construction
40 CFR 60.7(a)(2)	- Notification of Initial Start-Up
40 CFR 60.7(a)(3)	- Notification of Actual Start-Up
40 CFR 60.7(a)(4)	- Notification and Recordkeeping (Physical/Operational
Cycle)	
40 CFR 60.7(a)(5)	- Notification of CEM Demonstration
40 CFR 60.7(b)	- Notification and Recordkeeping
(startup/shutdown/malfunction)	
40 CFR 60.7(c)	- Notification and Recordkeeping
(startup/shutdown/malfunction)	
40 CFR 60.7(d)	- Notification and Recordkeeping
(startup/shutdown/malfunction)	
40 CFR 60.7(f)	- Notification and Recordkeeping (maintain records-2 yrs)
40 CFR 60.8(a)	- Performance Test Requirements
40 CFR 60.8(b)	- Performance Test Notification
40 CFR 60.8(c)	- Performance Tests (representative conditions)
40 CFR 60.8(e)	- Provide Stack Sampling Facilities
40 CFR 60.8(f)	- Test Runs
40 CFR 60.11(a)	- Compliance (ref. S. 60.8 or Subpart; other than opacity)
40 CFR 60.11(b)	- Compliance (opacity determined EPA Method 9)

40 CFR 60.11(c)	- Compliance (opacity; excludes startup/shutdown/malfunction)
40 CFR 60.11(d)	- Compliance (maintain air pollution control equip.)
40 CFR 60.11(e)(2)	- Compliance (opacity; ref. S. 60.8)
40 CFR 60.12	- Circumvention
40 CFR 60.13(a)	- Monitoring (Appendix B; Appendix F)
40 CFR 60.13(c)	- Monitoring (Opacity COMS)
40 CFR 60.13(d)(1)	- Monitoring (CEMS; span, drift, etc.)
40 CFR 60.13(d)(2)	- Monitoring (COMS; span, system check)
40 CFR 60.13(e)	- Monitoring (frequency of operation)
40 CFR 60.13(f)	- Monitoring (frequency of operation)
40 CFR 60.13(h)	- Monitoring (COMS; data requirements)
Acid Rain-Permits:	
40 CFR 72.9(a)	- Permit Requirements
40 CFR 72.9(b)	- Monitoring Requirements
40 CFR 72.9(c)(1)	- SO2 Allowances-hold allowances
40 CFR 72.9(c)(2)	- SO2 Allowances-violation
40 CFR 72.9(c)(3)(iii)	- SO2 Allowances-Phase II Units (listed)
40 CFR 72.9(c)(4)	- SO2 Allowances-allowances held in ATS
40 CFR 72.9(c)(5)	- SO2 Allowances-no deduction for 72.9(c)(1)(i)
40 CFR 72.9(d)	- NOx Requirements
40 CFR 72.9(e)	- Excess Emission Requirements
40 CFR 72.9(f)	- Recordkeeping and Reporting
40 CFR 72.9(g)	- Liability
40 CFR 72.20(a)	- Designated Representative; required
40 CFR 72.20(b)	- Designated Representative; legally binding
40 CFR 72.20(c)	- Designated Representative; certification requirements
40 CFR 72.21	- Submissions
40 CFR 72.22	- Alternate Designated Representative
40 CFR 72.23	- Changing representatives; owners
40 CFR 72.24	- Certificate of representation
40 CFR 72.30(a)	- Requirements to Apply (operate)
40 CFR 72.30(b)(2)	- Requirements to Apply (Phase II-Complete)
40 CFR 72.30(c)	- Requirements to Apply (reapply before expiration)
40 CFR 72.30(d)	- Requirements to Apply (submittal requirements)
40 CFR 72.31	- Information Requirements; Acid Rain Applications
40 CFR 72.32	- Permit Application Shield
40 CFR 72.33(b)	- Dispatch System ID;unit/system ID
40 CFR 72.33(c)	- Dispatch System ID;ID requirements
40 CFR 72.33(d)	- Dispatch System ID;ID change
40 CFR 72.40(a)	- General; compliance plan
40 CFR 72.40(b)	- General; multi-unit compliance options
40 CFR 72.40(c)	- General; conditional approval
40 CFR 72.40(d)	- General; termination of compliance options
40 CFR 72.51	- Permit Shield
40 CFR 72.90	- Annual Compliance Certification

Allowances:

40 CFR 73.33(a),(c) - Authorized account representative
40 CFR 73.35(c)(1) - Compliance: ID of allowances by serial number

Monitoring Part 75:

40 CFR 75.4 - Compliance Dates;
40 CFR 75.5 - Prohibitions
40 CFR 75.10(a)(1) - Primary Measurement; SO2;
40 CFR 75.10(a)(2) - Primary Measurement; NOx;
40 CFR 75.10(a)(3)(iii) - Primary Measurement; CO2; O2 monitor
40 CFR 75.10(b) - Primary Measurement; Performance Requirements
40 CFR 75.10(c) - Primary Measurement; Heat Input; Appendix F
40 CFR 75.10(e) - Primary Measurement; Optional Backup Monitor
40 CFR 75.10(f) - Primary Measurement; Minimum Measurement
40 CFR 75.10(g) - Primary Measurement; Minimum Recording
40 CFR 75.11(d) - SO2 Monitoring; Gas- and Oil-fired units
40 CFR 75.11(e) - SO2 Monitoring; Gaseous firing
40 CFR 75.12(a) - NOx Monitoring; Coal; Non-peaking oil/gas units
40 CFR 75.12(b) - NOx Monitoring; Determination of NOx emission rate; Appendix F
40 CFR 75.13(b) - CO2 Monitoring; Appendix G
40 CFR 75.13(c) - CO2 Monitoring; Appendix F
40 CFR 75.14(c) - Opacity Monitoring; Gas units; exemption
40 CFR 75.20(a) - Initial Certification Approval Process; Loss of Certification
40 CFR 75.20(b) - Recertification Procedures (if recertification necessary)
40 CFR 75.20(c) - Certification Procedures (if recertification necessary)
40 CFR 75.20(d) - Recertification Backup/portable monitor
40 CFR 75.20(f) - Alternate Monitoring system
40 CFR 75.21(a) - QA/QC; CEMS; Appendix B (Suspended 7/17/95-12/31/96)
40 CFR 75.21(c) - QA/QC; Calibration Gases
40 CFR 75.21(d) - QA/QC; Notification of RATA
40 CFR 75.21(e) - QA/QC; Audits
40 CFR 75.21(f) - QA/QC; CEMS (Effective 7/17/96-12/31/96)
40 CFR 75.22 - Reference Methods
40 CFR 75.24 - Out-of-Control Periods; CEMS
40 CFR 75.30(a)(3) - General Missing Data Procedures; NOx
40 CFR 75.30(a)(4) - General Missing Data Procedures; SO2
40 CFR 75.30(b) - General Missing Data Procedures; certified backup monitor
40 CFR 75.30(c) - General Missing Data Procedures; certified backup monitor
40 CFR 75.30(d) - General Missing Data Procedures; SO2 (optional before 1/1/97)
40 CFR 75.30(e) - General Missing Data Procedures; bypass/multiple stacks
40 CFR 75.31 - Initial Missing Data Procedures (new/re-certified CMS)

40 CFR 75.32	- Monitoring Data Availability for Missing Data
40 CFR 75.33	- Standard Missing Data Procedures
40 CFR 75.36	- Missing Data for Heat Input
40 CFR 75.40	- Alternate Monitoring Systems-General
40 CFR 75.41	- Alternate Monitoring Systems-Precision Criteria
40 CFR 75.42	- Alternate Monitoring Systems-Reliability Criteria
40 CFR 75.43	- Alternate Monitoring Systems-Accessability Criteria
40 CFR 75.44	- Alternate Monitoring Systems-Timeliness Criteria
40 CFR 75.45	- Alternate Monitoring Systems-Daily QA
40 CFR 75.46	- Alternate Monitoring Systems-Missing data
40 CFR 75.47	- Alternate Monitoring Systems-Criteria for Class
40 CFR 75.48	- Alternate Monitoring Systems-Petition
40 CFR 75.53	- Monitoring Plan ; revisions
40 CFR 75.54(a)	- Recordkeeping-general
40 CFR 75.54(b)	- Recordkeeping-operating parameter
40 CFR 75.54(c)	- Recordkeeping-SO2
40 CFR 75.54(d)	- Recordkeeping-NOx
40 CFR 75.54(e)	- Recordkeeping-CO2
40 CFR 75.54(f)	- Recordkeeping-Opacity
40 CFR 75.55(c)	- General Recordkeeping (Specific Situations)
40 CFR 75.55(e)	- General Recordkeeping (Specific Situations)
40 CFR 75.56	- Certification; QA/QC Provisions
40 CFR 75.60	- Reporting Requirements-General
40 CFR 75.61	- Reporting Requirements-Notification cert/recertification
40 CFR 75.62	- Reporting Requirements-Monitoring Plan
40 CFR 75.63	- Reporting Requirements-Certification/Recertification
40 CFR 75.64(a)	- Reporting Requirements-Quarterly reports; submission
40 CFR 75.64(b) statement	- Reporting Requirements-Quarterly reports; DR
40 CFR 75.64(c)	- Rep. Req.; Quarterly reports; Compliance Certification
40 CFR 75.64(d)	- Rep. Req.; Quarterly reports; Electronic format
40 CFR 75.66	- Petitions to the Administrator (if required)
Appendix A-1	- Installation and Measurement Locations
Appendix A-2.	- Equipment Specifications
Appendix A-3.	- Performance Specifications
Appendix A-4.	- Data Handling and Acquisition Systems
Appendix A-5.	- Calibration Gases
Appendix A-6.	- Certification Tests and Procedures
Appendix A-7.	- Calculations
Appendix B	- QA/QC Procedures
Appendix C-1.	- Missing Data; SO2/NOx for controlled sources
Appendix C-2.	- Missing Data; Load-Based Procedure; NOx & flow
Appendix D	- Optional SO2; Oil-/gas-fired units
Appendix F	- Conversion Procedures
Appendix H	- Traceability Protocol

Acid Rain Program-Excess Emissions (these are future requirements):

40 CFR 77.3	- Offset Plans (future)

40 CFR 77.5(b)	- Deductions of Allowances (future)
40 CFR 77.6	- Excess Emissions Penalties (SO2 and NOx;future)

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
PM10	B
NOX	SM
PM	B
CO	B
SO2	B
VOC	B
SAM	B

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 1

1. Pollutant Emitted :	PM10
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 2

1. Pollutant Emitted :	NOX
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 3

1. Pollutant Emitted :	PM
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 4

1. Pollutant Emitted :	CO
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 5

1. Pollutant Emitted :	SO2
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 6

1. Pollutant Emitted :	VOC
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information Pollutant 7

1. Pollutant Emitted :	SAM
2. Requested Emissions Cap :	(lbs/hour) (tons/year)
3. Basis for Emissions Cap Code :	
4. Facility Pollutant Comment :	

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	TB-FE-1
2. Facility Plot Plan :	TB-FE-2
3. Process Flow Diagram(s) :	TB-FE-3
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	NA
5. Fugitive Emissions Identification :	NA
6. Supplemental Information for Construction Permit Applicat	TB-FE-4

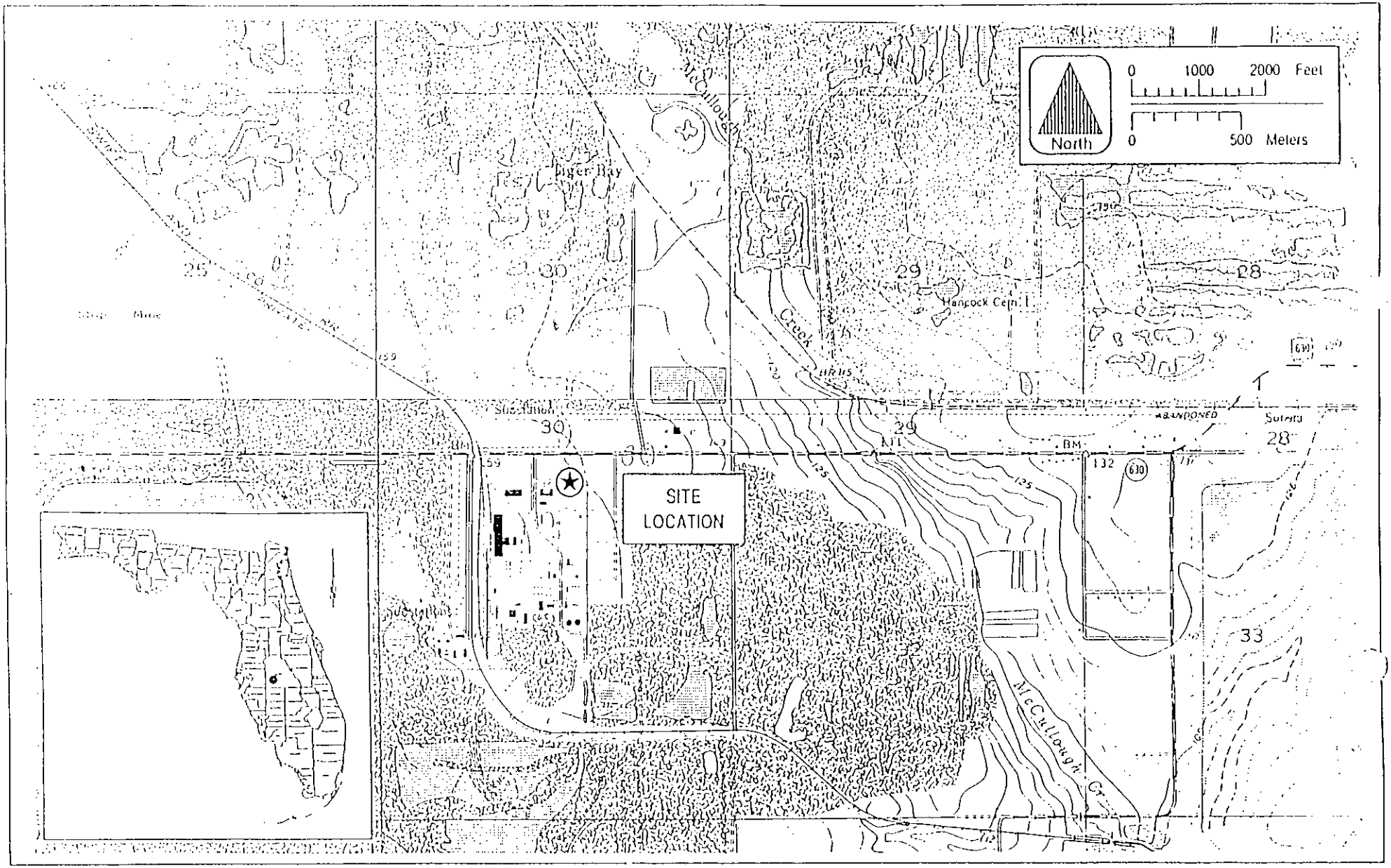
Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt
8. List of Equipment/Activities Regulated under
9. Alternative Methods of Operation :
10. Alternative Modes of Operation (Emissions
11. Identification of Additional Applicable
12. Compliance Assurance Monitoring
13. Risk Management Plan Verification :
14. Compliance Report and Plan :
15. Compliance Certification (Hard-copy Require

ATTACHMENT TB-FE-1

AREA MAP

05 09 96



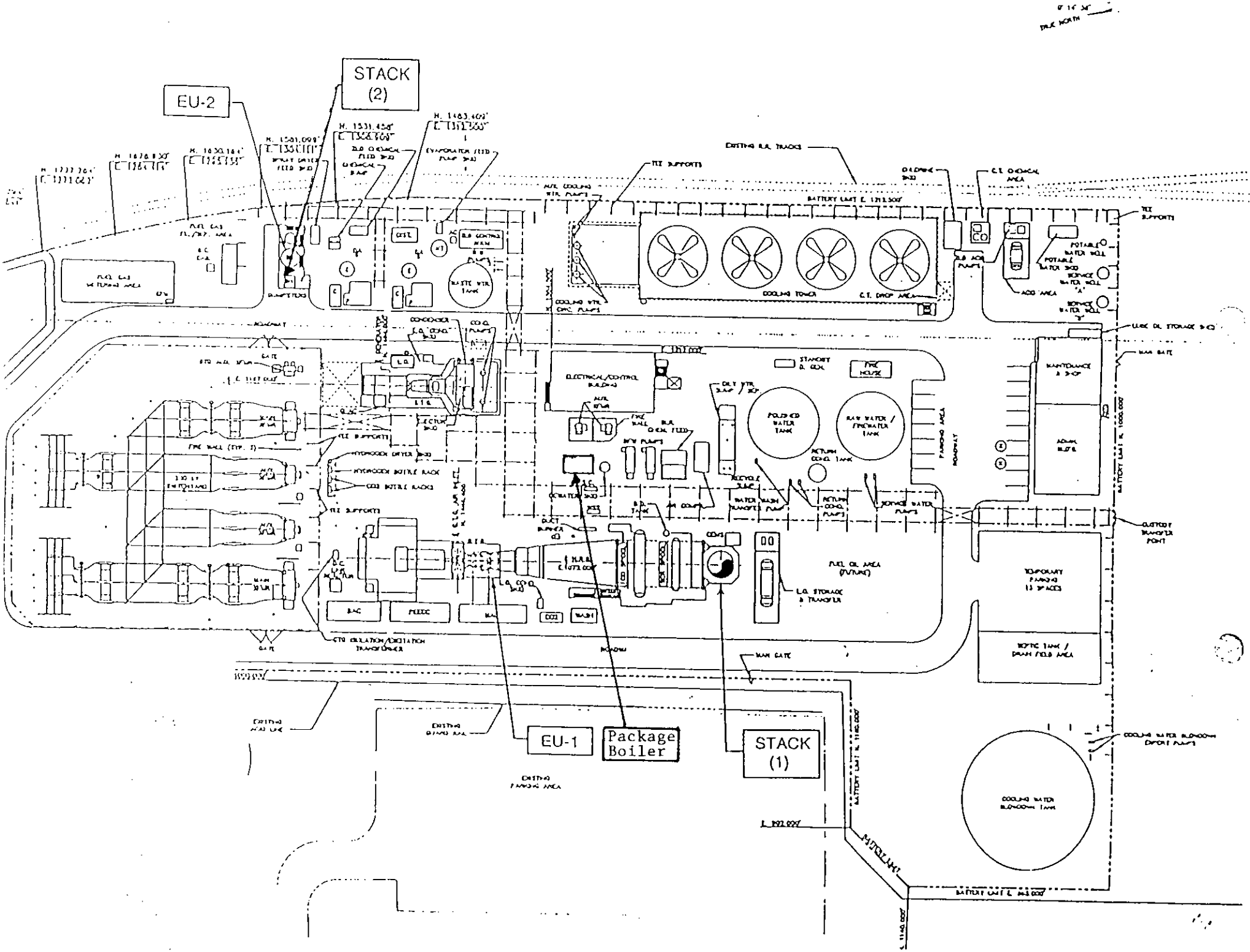
Attachment TB-FE-1
Tiger Bay Project Location Map

Sources: USGS, 1986, 1987; KBN, 1995.

KBN
A GOLDER ASSOCIATES COMPANY

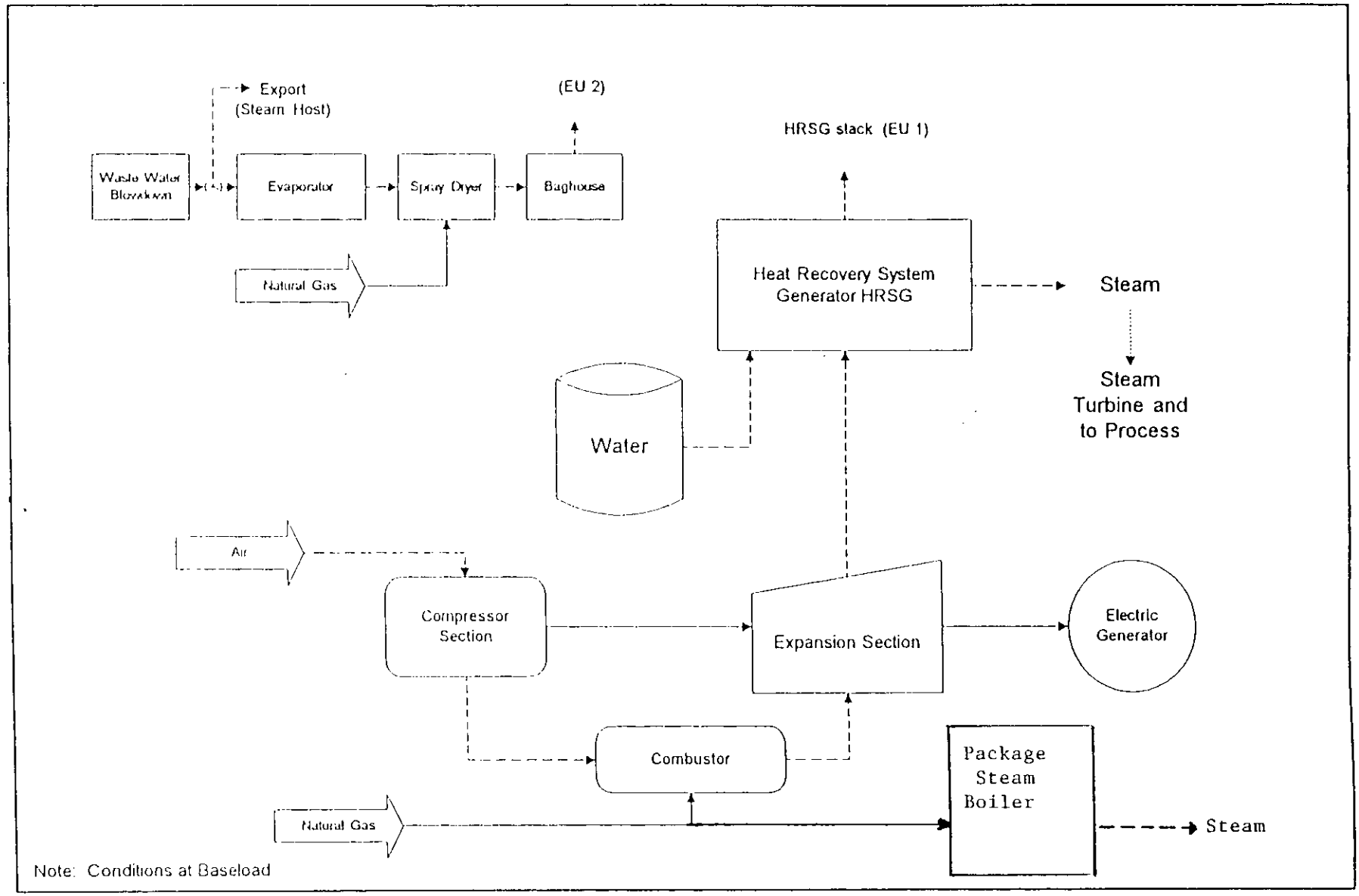
ATTACHMENT TB-FE-2

FACILITY PLOT PLAN


STACK (2)
EU-2
EU-1
Package Boiler
STACK (1)
TRUE NORTH
EXISTING R.R. TRACKS
TEE SUPPORTS
COOLING TOWER
ELECTRICAL/CONTROL BUILDING
FIRE HOUSE
POLISHED WATER TANK
RAW WATER / FIRE WATER TANK
RETURN COND. TANK
MAINTENANCE & SHOP
ADMIN. BLDG.
MAIN GATE
CUSTODY TRANSFER POINT
FUEL OIL AREA (FUTURE)
L.O. STORAGE & TRANSFER
TEMPORARY PARKING 11 SPACES
SEPTIC TANK / DRAIN FIELD AREA
COOLING WATER BLOWDOWN TANK
COOLING WATER BLOWDOWN EXPORT PUMPS
EXISTING PARKING AREA
EXISTING ACCESS ROAD
EXISTING GRAVEL ROAD
BATTERY LIMIT

ATTACHMENT TB-FE-3

PROCESS FLOW DIAGRAM



ATTACHMENT: TB-FE-3 Flow Diagram of Facility Process Area: Tiger Bay	Process Flow Legend Solid/Liquid ——► Gas - - - ► Steam ····· ►	Emission Unit: Filename: TBCOGEN.VSD Date: 06/10/96	KBN Engineering and Applied Sciences, Inc.

ATTACHMENT TB-FE-4

SUPPLEMENTAL INFORMATION

Description of Project and Operation Limit

The proposed package boiler installation will provide supplemental steam to the facility. The boiler will be natural gas-fired only with a maximum steam production capacity of 85,000 lb/hour, which corresponds to a heat input capacity of 100 mmBtu/hour. Emissions of NOx will be limited to a maximum increase of 39.9 tons/year. Due to the use of natural gas fuel, the emissions of all other pollutants will be quite low.

Florida Power Corporation (FPC) requests that the operational limit of the unit placed in the permit be in terms of annual hours of operation. At an emission rate of 0.10 lb/mmBtu, and using the rated heat input capacity of 100 mmBtu/hour, the boiler will emit a maximum of 10 lb/hour of NOx. Limiting the maximum annual increase of NOx at the facility will allow the boiler to operate a total of 7,980 hours/year at capacity. FPC will maintain records of the hours of operation of the boiler.

ATTACHMENT TB-FE-5

TYPICAL FUEL ANALYSIS

FGT SYSTEM CHROMATOGRAPHS

Spot Analysis of Natural Gas for Delivery in Florida

Date	Time
4/10/00	1:21 PM

	Perry	Perry	Brooker	Gainsville	West Palm	
	36" Stream #1	30" Stream #2	24" Stream	8" Stream	24" Stream	
	Mole%	Mole%	Mole%	Mole%	Mole%	
Components						
Hexane	0.0564	0.0572	0.0468	0.0544	0.0551	
Propane	0.4222	0.4248	0.3214	0.3692	0.4281	
Iso-Butane	0.0959	0.0966	0.0708	0.0827	0.0968	
N-Butane	0.0965	0.0966	0.0715	0.0818	0.0961	
Iso-Pentane	0.0303	0.0299	0.0200	0.0207	0.0287	
N-Pentane	0.0200	0.0190	0.0118	0.0134	0.0187	
Nitrogen	0.4146	0.4143	0.3013	0.3701	0.3865	
Methane	95.2614	95.2441	96.6236	96.0097	95.6535	
C02	0.7902	0.7936	0.6947	0.7638	0.6985	
Ethane	2.8125	2.8239	1.8382	2.2343	2.5380	
Totals	100.0000	100.0000	100.0000	100.0000	100.0000	
Btu	1027.7	1038.4	1029.3	1032.6	1037.4	Dry Btu/cf @ 14.
Gravity	0.5786	0.5874	0.5788	0.5827	0.5849	Real Relative De
Total Sulfur	5.5954	3.9392	2.8022			PPM
	0.3497	0.2462	0.1751			Grains/hcf
Current H2O	3.5764		1.5677		1.6575	Lbs. Per MMcf

$$576.92 \frac{MMCF}{Yr} \times \frac{0.35\,gr}{100\,cf} \times \frac{1lb}{7000gr} \times \frac{1ton}{2000lb} = 0.14\ TPY\ SO_2$$

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 1

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Natural gas-fired package steam boiler		
2. Emissions Unit Identification Number : 004 [ ] No Corresponding ID [ ] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment :		

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Emissions Unit Control Equipment 1

1. Description :
2. Control Device or Method Code :

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Emissions Unit Details

1. Initial Startup Date :	
2. Long-term Reserve Shutdown Date :	
3. Package Unit : Manufacturer : Cleaver-Brooks	Model Number : DL-94
4. Generator Nameplate Rating : MW	
5. Incinerator Information : Dwell Temperature : Dwell Time : Incinerator Afterburner Temperature :	 Degrees Fahrenheit Seconds Degrees Fahrenheit

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	100	mmBtu/hr	
2. Maximum Incinerator Rate :		lb/hr	tons/day
3. Maximum Process or Throughput Rate :			
4. Maximum Production Rate :	85000	lbs steam/hr	
5. Operating Capacity Comment : Heat input capacity is 100 mmBtu/hr. Steam generating capacity is 85,000 lb/hr.			

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	7,980 hours/year

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Rule Applicability Analysis

Not Applicable

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

List of Applicable Regulations

62-204.8 Excess Emissions
62-210.700 Excess Emissions
62-297.310 Emission Monitoring

40 CFR 60.40c

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	See Attach. TB-FE-2	
2. Emission Point Type Code :	1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point)		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Gases exhaust through a single stack.		
5. Discharge Type Code :	V	
6. Stack Height :	40	feet
7. Exit Diameter :	4.0	feet
8. Exit Temperature :	320	°F
9. Actual Volumetric Flow Rate :	29162	acfm
10. Percent Water Vapor :	0.00	%
11. Maximum Dry Standard Flow Rate :	0	dscfm
12. Nonstack Emission Point Height :	0	feet
13. Emission Point UTM Coordinates : Zone : 0	East (km) : 0.000	North (km) : 0.000

14. Emission Point Comment :

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1 Natgas

Natural gas-fired package steam boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Natural gas	
2. Source Classification Code (SCC) : ~~20100201~~ – Internal Combustion Turbine 10200602	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.10	5. Maximum Annual Rate : 798.00
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.00	8. Maximum Percent Ash : 0.00
9. Million Btu per SCC Unit : (1,040)	
10. Segment Comment :	

$$\frac{100 \frac{MMBTU}{hr}}{1040 \frac{BTU}{CF}} = 96,153.85 \frac{CF}{hr} \times 6000 \frac{hrs}{yr} = 576.92 \frac{MM\ CF}{yr}$$

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1
Natural gas-fired package steam boiler .

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - SO2			EL
2 - NOX			EL
3 - PM			EL
4 - PM10			EL
5 - CO			EL
6 - VOC			EL
7 - SAM			EL

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : **SO2**
2. Total Percent Efficiency of Control : %
3. Potential Emissions : 0.1400000 lb/hour 0.5600000 tons/year
4. Synthetically Limited? [ ] Yes [X] No
5. Range of Estimated Fugitive/Other Emissions: to tons/year
6. Emissions Factor 1 Units : gr/100 CF Reference : Fuel analysis
7. Emissions Method Code : 2
8. Calculations of Emissions : Assumed max. S content of 1 gr/100 CF and 7980 hours of operation/year.
9. Pollutant Potential/Estimated Emissions Comment :

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted : **NOX**
2. Total Percent Efficiency of Control : 0.00 %
3. Potential Emissions : 10.0000000 lb/hour 39.9000000 tons/year
4. Synthetically Limited? [X] Yes [ ] No
5. Range of Estimated Fugitive/Other Emissions: to tons/year
6. Emissions Factor 0.10 Units : lb/mmBtu Reference : Manufacturer data
7. Emissions Method Code : 0
8. Calculations of Emissions : NOx emissions of 0.10 lb/mmBtu from manufacturer data. Annual max. tons of NOx from max. heat input of 100 mmBtu/hr and 7980 hours/year operation. 39.9 TPY NOx × 2000 lb/ton = 79800 lb NOx/Yr ÷ 10 lb/hr = 7,980 hrs/yr.
9. Pollutant Potential/Estimated Emissions Comment : @ 80% ⇒ 6389 hrs. × 10 lb/hr = 31.92 TPY

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted : **PM10**
2. Total Percent Efficiency of Control : %
3. Potential Emissions : 0.8000000 lb/hour 3.1900000 tons/year
4. Synthetically Limited? [ ] Yes [X] No
5. Range of Estimated Fugitive/Other Emissions: to tons/year
6. Emissions Factor 8 Units : lb/mmCF Reference : AP-42, nat. gas fire
7. Emissions Method Code : 3
8. Calculations of Emissions : AP-42 factor for PM (assume all PM is PM10) of 8 lb/mmCF and boiler capacity of 0.10 mmCF/hour. Annual emissions based on hourly rate times 7,980 hours/year.
9. Pollutant Potential/Estimated Emissions Comment :

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted : **CO**
2. Total Percent Efficiency of Control : %
3. Potential Emissions : 8.4000000 lb/hour 33.5000000 tons/year
4. Synthetically Limited? [ ] Yes [X] No
5. Range of Estimated Fugitive/Other Emissions: to tons/year
6. Emissions Factor 84 Units : lb/mmCF Reference : AP-42
7. Emissions Method Code : 3
8. Calculations of Emissions : AP-42 factor of 84 lb/mmCF and max. nat. gas firing capacity of 0.10 mmCF/hr. Annual emissions from hourly rate times 7,980 hours/year.
9. Pollutant Potential/Estimated Emissions Comment :

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted : **VOC**
2. Total Percent Efficiency of Control : %
3. Potential Emissions : 0.6000000 lb/hour 2.3900000 tons/year
4. Synthetically Limited? [ ] Yes [X] No
5. Range of Estimated Fugitive/Other Emissions: to tons/year
6. Emissions Factor 6 Units : lb/mmCF Reference : AP-42
7. Emissions Method Code : 3
8. Calculations of Emissions : AP-42 factor of 6 lb/mmCF and max. nat. gas firing capacity of 0.10 mmCF/hr. Annual emissions from hourly rate times 7,980 hours/year.
9. Pollutant Potential/Estimated Emissions Comment :

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	1.00		grain S/100 CF	
4. Equivalent Allowable Emissions :	0.14	lb/hour	0.56	tons/year
5. Method of Compliance : Fuel analysis				
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : Allowable based on max. sulfur content of 1 gr/100 CF of natural gas.				

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	ESCPSD			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	0.10	lb/mmBtu		
4. Equivalent Allowable Emissions :	10.00	lb/hour	39.90	tons/year
5. Method of Compliance : Stack test, EPA Method 20				
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : Based on emission rate of 0.10 lb/mmBtu and 7980 hours/year.				

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Pollutant Information Section 4

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	0.80	lb/hr		
4. Equivalent Allowable Emissions :	0.80	lb/hour	3.19	tons/year
5. Method of Compliance : VE, EPA Method 9				
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : If VE < 10%, stack test not required.				

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	8.40	lb/hr		
4. Equivalent Allowable Emissions :	8.40	lb/hour	33.50	tons/year
5. Method of Compliance : Good combustion practices				
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :				

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Pollutant Information Section 6

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	0.60	lb/hr		
4. Equivalent Allowable Emissions :	0.60	lb/hour	2.39	tons/year
5. Method of Compliance : Good combustion practices				
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :				

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	10
2. Basis for Allowable Opacity :	OTHER
3. Requested Allowable Opacity :	
Normal Conditions :	10 %
Exceptional Conditions :	0 %
Maximum Period of Excess Opacity Allowed :	min/hour
4. Method of Compliance :	
Annual compliance test, EPA Method 9	
5. Visible Emissions Comment :	
VE limit under normal conditions at full load.	

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Natural gas-fired package steam boiler

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :

2. Basis for Allowable Opacity : RULE

3. Requested Allowable Opacity :

Normal Conditions :		%
Exceptional Conditions :	100	%
Maximum Period of Excess Opacity Allowed :	60	min/hour

4. Method of Compliance :

EPA Method 9

5. Visible Emissions Comment :

1. Rule 62-210.700. 2. Max. period of excess opacity allowed - 2 hours/24 hours.

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Continuous Monitoring System Continuous Monitor 1

1. Parameter Code :	2. Pollutant(s):
3. CMS Requirement :	
4. Monitor Information Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment :	

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

[ ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

[X] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

[ ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

[X] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.

[ ] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :		
PM : C	SO2 : C	NO2 : C
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 1

Natural gas-fired package steam boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	TB-FE-3
2. Fuel Analysis or Specification :	TB-FE-5
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	TB-FE-4
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :
11. Alterntive Modes of Operation (Emissions Trading) :

12. Identification of Additional Applicable Requirements :
13. Compliance Assurance Monitoring Plan :
14. Acid Rain Application (Hard-copy Required) : Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) New Unit Exemption (Form No. 62-210.900(1)(a)2.) Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)