

**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 : Kissimmee Utility Authority	
2. Site Name : Cane Island Power Park	
3. Facility Identification Number :	30ORL490043 [] Unknown
4. Facility Location : Kissimmee Utility Authority (KUA) Cane Island Power Park Located 10 km west of Kissimmee, near Intercession City, Osceola County, Florida Street Address or Other Locator : 6075 Old Tampa Hwy City : Intercession City County : Osceola Zip Code : 33848	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

I. Part 1 - 1

Owner/Authorized Representative or Responsible Official

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

Name : A. K. Sharma
Title : Director of Power Supply

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

Organization/Firm : Kissimmee Utility Authority
Street Address : 1701 West Carroll Street
City : Kissimmee
State : FL Zip Code : 34741-6804

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

Telephone : (407)933-7777 Fax : (407)847-0787

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.*

A. K. Sharma
Signature

11/1/96
Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	Unit 1 - 40 MW Simple Cycle Combustion Turbine (revision)	NA

Purpose of Application and Category

Category I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.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 :

[X] Air operation permit revision for a Title V source for reasons other than construction or

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modification of an emissions unit.

Operation permit to be revised : Initial Air Operation Permit Application

Reason for revision : Change compliance date for LM6000 reduced NO_x levels per ATC permit AC-49-205703.

Category II : All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(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 Rule 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 :

- 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 :

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- 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 : _____ [X] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations : Not applicable
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : D.D. Schultz Registration Number : 30304
2. Professional Engineer Mailing Address : Organization/Firm : Black & Veatch Street Address : 8400 Ward Parkway City : Kansas City State : MO Zip Code : 64114-2031
3. Professional Engineer Telephone Numbers : Telephone : (913) 458-2028 Fax : (913) 458-2934

4. Professional Engineer Statement :

I, the undersigned, hereby certified, 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 [] 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.

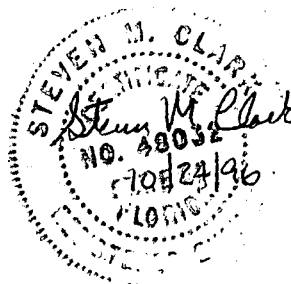
Steven M. Clark
Signature

10/24/96
Date

* Attach any exception to certification statement.

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Application Contact

1. Name and Title of Application Contact :
Name : A. K. Sharma Title : Director of Power Supply
2. Application Contact Mailing Address :
Organization/Firm : Kissimmee Utility Authority Street Address : 1701 West Carrol Street City : Kissimmee State : FL Zip Code : 34741-6804
3. Application Contact Telephone Numbers :
Telephone : (407)933-7777 Fax : (407)847-0787

Application Comment

Revision to initial operating permit application for the facility to accommodate a change in NO_x compliance date as set forth in Construction Permit AC 49-205703.

Emissions Unit Information Section 1
 Unit 1 - 40 MW Simple Cycle Combustion Turbine

Pollutant Information Section 4

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	OTHER		
2. Future Effective Date of Allowable Emissions :	01-Jan-1999		
3. Requested Allowable Emissions and Units :	15.00	ppm@15%O2	
4. Equivalent Allowable Emissions :	22.00	lb/hour	96.36 tons/year
5. Method of Compliance :	Specific condition 8 of permit AC49-205703		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	<p>Future allowable emission limit (in lbs/MBtu) from permit AC49-205703 for natural gas for 8.760 hours/year. Stack tests only need to be conducted on the fuel types fired during the previous year. Note the permit stated an annual emissions limit of 90.86 tpy for 8.260 hr/yr of natural gas operation and 19 tpy for the remaining 500 hr/yr of fuel oil firing (total 109.86 tpy). The above emissions are calculated assuming 8.760 hours of natural gas operation which is allowed by permit conditions 3 and 4. The NO_x maximum limit will be lowered to 15 ppm@15%O₂ by 1/1/99 using appropriate combustion technology improvements. Should this level of control not be achieved, the applicant will provide the Department with the expected compliance dates which will be updated annually.</p>		