

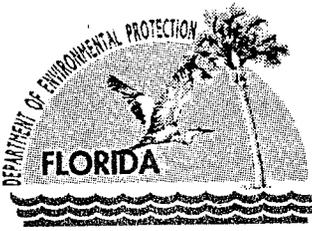
**FILE COPY**

Florida State University, Facilities Operations & Maintenance  
Florida State University Central Utilities Plant  
**Facility ID No.:** 0730010  
Leon County

Federally Enforceable State Operating Permit  
**Permit No.:** 0730010-002-AF

Permitting and Compliance Authority  
Department of Environmental Protection  
Northwest District Office  
160 Governmental Center  
Pensacola, FL 32501-5794  
Telephone: 850/595-8364, press 7  
Fax: 850/595-8096

[electronic file name: 0730010o.doc]



# Department of Environmental Protection

Jeb Bush  
Governor

Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

David B. Struhs  
Secretary

**Permittee:** Florida State University,  
Facilities Operation & Maintenance  
**Permit No.:** 0730010-002-AF  
**Facility ID No.:** 0730010  
**SIC Nos.:** 91  
**Project:** Federally Enforceable State Operating Permit

This permit is for the operation of the Florida State University Central Utilities Plant located at 30 Woodward Ave, Tallahassee, Leon County; UTM Coordinates: Zone 16, 283.0 km East and 3367.0 km North; Latitude: 30° 45' 58" North and Longitude: 85° 14' 31" West.

STATEMENT OF BASIS: This federally enforceable air operation permit (FESOP) is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. 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 permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**  
Appendix G-1, General Conditions

**Effective Date:** September 24, 1999  
**Expiration Date:** September 24, 2004

**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

**Ed K. Middleswart, P.E.**  
**Air Program Administrator**

EKM/om

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

*Printed on recycled paper.*

Federally Enforceable State Operating Permit  
Permit No.: 0730010-002-AF

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**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility is the Central Utilities Plant located on the main campus of the Florida State University. The plant contains three boilers for providing steam used for heating. They are fueled primarily with natural gas. Number 6 fuel oil with no more than 0.5% sulfur is authorized for periods of natural gas curtailment.

Based on the permit application received June 1, 1999, this facility is not a major source of hazardous air pollutants (HAPs).

**Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.**

E.U.

<u>ID No.</u>	<u>Brief Description</u>
002	Boiler #1 (70,000 pounds steam @ 125psi/353F)
004	Boiler #2 (39,000 pounds steam @ 125 psi/353F)
010	Boiler #3 (70,000 pounds steam @ 125psi/353F)

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit ID Nos. on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 2-1, Summary of Compliance Requirements

These documents are on file with permitting authority:

Permit Application received June 1, 1999

Incompleteness Letter dated June 29, 1999

Applicant response letter received August 18, 1999

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide:

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
4. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.  
[Rule 62-213.440, F.A.C.]
5. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit two permit renewal applications using the current version of the renewal form along with the processing fee established in FAC Rule 62-4.050(4) to the Northwest District office of the Department.  
[Rule 62-4.090, F.A.C.]
6. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northwest District office:

Department of Environmental Protection  
Northwest District Office  
160 Governmental Center  
Pensacola, Florida 32501-5794  
Telephone: 850/595-8364, press 7; Fax: 850/595-8096

A copy of all compliance related notifications shall be sent to the Northwest District Branch Office at 2815 Remington Green Circle, Suite A, Tallahassee FL 32308.

7. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8364, extension 1220, day or night, and for emergencies involving a significant threat to human health or the environment is (800) 320-0519. For routine business, telephone (850) 595-8364, then press 7, during normal working hours.  
[Rules 62-210.700 and 62-4.130, F.A.C.]

**Section III. Emissions Units and Conditions.**

**Subsection A. This section addresses the following emissions units.**

**E.U.**

**ID No.    Brief Description**

002        Boiler No.1

010        Boiler No.3

These boilers are used to generate steam for heating. The boilers are manufactured by Cleaver Brooks, Model No. D94RH. Each boiler has a maximum heat input capacity of 80.814 MMBtu per hour and can produce 70,000 pounds of steam at a pressure of 125 psi and temperature of 353F. The boilers are fueled primarily with natural gas, but are also capable of burning No.6 fuel oil as a standby fuel during periods of natural gas curtailment. These boilers are regulated by 40 CFR 60 Subpart Dc. A limit on the total annual quantity of No.6 fuel oil was requested by the applicant in order to maintain the facility as a minor source of emissions and to qualify for an alternate opacity monitoring method. By this permit, the facility is being granted approval to use an alternate opacity monitoring method, EPA Method 9, in accordance with 40 CFR 60.13(i)(2) due to the infrequent firing of No.6 oil, instead of a continuous opacity monitor (40 CFR 60.47c). This approval imposes certain monitoring conditions specified below.

**The following specific conditions apply to the emissions units listed above:**

**Essential Potential to Emit (PTE) Parameters**

**A.1.a. Capacity.** The maximum allowable operating rate, each, for Boiler No. 1 and Boiler No.3 is 80.814 MMBtu per hour, averaged annually. This hourly average shall be calculated annually on the basis of the yearly quantity of natural gas and No.6 fuel oil combusted. This information will be recorded and maintained at the facility and will be available for inspection upon request of the Department. This limit is established to maintain the facility status as a minor source of emissions. [Rule 62-210.300(2)(b), F.A.C.]

**A.1.b. Capacity.** The maximum annual quantity of No.6 fuel oil (residual oil) used by Emissions Unit 002 (Boiler No.1), Emissions Unit 004 (Boiler No.2) and Emissions Unit 010 (Boiler No.3) is limited to 180,000 gallons. The permittee shall maintain records at the facility to verify that this limit is not exceeded. These records will be made available for inspection upon request by the Department. [Rules 62-4.160(2), 62-210.200(PTE), F.A.C.; and requested by application received June 1, 1999]

**A.2. Methods of Operation.** The boilers are to be fueled principally with natural gas. During periods of natural gas curtailment, however, the boilers may burn No.6 fuel oil with a sulfur content not to exceed 0.5%. During the periods when No.6 fuel oil is used, the following procedures shall be followed:

- a. Total annual capacity factor for each boiler is limited to no more than 10 percent when fueled by No.6 fuel oil. (Note: this limitation applies individually to Boiler No.1 and Boiler No.3, but not to Boiler No.2.)
- b. At least once during each daylight shift when No.6 oil is combusted, an observer certified in accordance with EPA Method 9 shall perform a 6-minute visible emission observation. In order to obtain representative results, the oil consumption rate during the observation must be the maximum rate during the shift.
- c. An observer certified in accordance with EPA Method 9 shall perform a 6-minute visible emission observation whenever the boiler reaches operating load after a cold startup with No. 6 oil.
- d. If the average opacity for a 6-minute set of readings collected in accordance with conditions 2 or 3 exceeds 10 percent, the observer must collect two additional 6-minute sets of visible emission readings
- e. Records of the date and time of visible emission observations, along with the results of each observation, must be maintained.
- f. Thirty days after the end of each calendar quarter in which there are opacity excess emissions during oil combustion, the facility must submit an excess emission report (EER) to the Department. If there are no opacity excess emissions during a calendar quarter, EERs may be submitted on a semiannual basis. For reporting purposes, excess emissions are defined as any six minute period during which the average opacity exceeds 20 percent, and EERs must indicate the total time of the visible emission observations during a calendar quarter and identify the duration of any excess emissions.
- g. The facility must maintain the boilers following procedures and schedules recommended by the boiler manufacturer. Records shall be kept to verify that the necessary maintenance activities have been performed. These records shall be made available for inspection upon request of the Department.

[Rule 62-4.160(2), F.A.C.; EPA Determination Detail/Control No.9700034/NSPS/Region4/05-07-96/Jewell Harper]

**A.3. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

**A.4. Opacity Standard.** Emissions shall not exceed 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. This opacity standard applies at all times, except during periods of startup, shut-down, or malfunction.  
[40 CFR 60.43c(c) & (d); Rule 62-296.406(1), F.A.C.]

**Monitoring**

**A.5. Opacity Observations.** At least once during each daylight shift when No. 6 oil is combusted, an observer certified in accordance with EPA Method 9 shall perform a 6-minute visible emission observation. In order to obtain representative results, the oil consumption rate during the observation must be the maximum rate during the shift. An observer certified in accordance with EPA Method 9 shall perform a 6-minute visible emission observation whenever the boiler reaches operating load after a cold startup with No. 6 oil. If the average opacity for a 6-minute set of readings collected in accordance with conditions 2 or 3 exceeds 10 percent, the observer must collect two additional 6-minute sets of visible emission readings  
[EPA Guidance Letter 4ATP-AEB May 7, 1996, Control Number 9700034]

**A.6. Fuel Oil Sulfur Content.** In addition to the opacity monitoring required by A.2. above during the use of No.6 fuel oil, the permittee shall demonstrate compliance with the fuel oil sulfur limits under §60.42c based on shipment fuel sampling. The initial performance test shall consist of sampling and analyzing the oil in the initial tank of oil to be fired in the steam generating unit to demonstrate that the oil contains 0.5 weight percent sulfur or less. Thereafter, the owner or operator of the affected facility shall sample the oil in the fuel tank after each new shipment of oil is received, as described by the following:

Oil samples shall be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted. The permittee shall analyze the oil sample to determine the sulfur content of the oil. If a partially empty fuel tank is refilled, a new sample and analysis of the fuel in the tank would be required upon filling. Results of the fuel analysis taken after each new shipment of oil is received shall be used as the daily value when calculating the 30-day rolling average until the next shipment is received.  
[40 CFR 60.44c(g) and 40 CFR 60.46c(d)(2)]

**Test Methods and Procedures**

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**A.7.a.** Visible Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Visible emissions tests shall be conducted for Boilers, Nos. 1 & 3 (while burning natural gas) in accordance with EPA Method 9 for thirty minutes. Such tests shall be scheduled one time within the final six months of the permit term. The

Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

[Rules 62-4.070, 62-297.310(4) & (7), and 62-297.401(9), F.A.C.]

**A.7.b.** The test reports shall comply with applicable portions of F.A.C. Rule 62-297.310, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

[Rules 62-297.310(7) and 62-297.620(1), F.A.C.]

**A.7.c.** Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.

[Rules 62-297.310(2) and 62-4.070, F.A.C.]

#### **Recordkeeping and Reporting Requirements**

**A.8 Excess Emissions Reports.** Thirty days after the end of each calendar quarter in which there are opacity excess emissions during oil combustion, the facility must submit an excess emission report (EER) to the Department. If there are no opacity excess emissions during a calendar quarter, EERs may be submitted semiannually stating that no excess emissions occurred during the reporting period. The initial report shall be postmarked by the 30<sup>th</sup> day following the end of a relevant quarter or semiannual period, as appropriate. For reporting purposes, excess emissions are defined as any 6-minute period during which the average opacity exceeds 20 percent, and EERs must indicate the total time of the visible emission observations during the calendar quarter and identify the duration of any excess emissions.

[40 CFR 60.48c(c)]

**A.9. Fuel Oil Sulfur Content Reports.** The permittee shall keep records of the fuel oil sulfur content and submit reports on the same schedule basis as the excess emissions reports, either quarterly or semiannually during periods of fuel oil combustion. Reports shall be postmarked by the 30<sup>th</sup> day following the end of the relevant quarter or semiannual period, as applicable. (Note: the semiannually reporting option is authorized due to the low turnover of the fuel oil.)

[40 CFR 60.48c(e)(1) & (2)]

**A.10. Annual Fuel Oil Recordkeeping.** Additionally, the facility will maintain records of all No.6 fuel oil in storage and delivered to verify that the annual allowable limit of 180,000 gallons is not exceeded. These records will be made available for inspection upon request by the Department.

[Air Permit Application received June 1, 1999]

**A.11. Annual Operating Report.** An Annual Operating Report (AOR) is required for this facility because this permit synthetically limits the quantity of No.6 fuel oil. For any calendar year in which No.6 fuel oil is combusted, the permittee shall include the annual capacity factor, as defined in 40 CFR 60.41c, for Boiler No.1 and Boiler No.3, individually. This information shall be included in a cover letter to the AOR. Appropriate recordkeeping shall be maintained to assure that the maximum capacity factor of 10 percent, each, for Boiler No.1 and No. 3 is not exceeded.  
[Rule 62-210.370(3)(a)2., F.A.C.]

**A.12. Opacity Observation Records.** Records of the date and time of visible emission observations during periods of fuel oil combustion, along with the results of each observation, must be maintained. These records shall be made available for inspection upon request of the Department.  
[Rules 62-4.160(2), F.A.C.; EPA Determination Detail/Control No.9700034/NSPS/Region4/05-07-96/Jewell Harper]

**A.13. Boiler Maintenance Records.** The facility must maintain the boilers following procedures and schedules recommended by the boiler manufacturer. Records shall be kept to verify that the necessary maintenance activities have been performed. These records shall be made available for inspection upon request of the Department.  
[Rules 62-4.160(2), F.A.C.; EPA Determination Detail/Control No.9700034/NSPS/Region4/05-07-96/Jewell Harper]

**A.14. Annual Heat Input Records.** The maximum allowable operating rate, each, for Boiler No. 1 and Boiler No.3 is 80.814 MMBtu per hour, averaged annually. This hourly average shall be calculated for the calendar year on the basis of the yearly quantity of natural gas and No.6 fuel oil combusted. This information will be recorded and maintained at the facility and will be available for inspection upon request of the Department by January 31. This limit is established to maintain the facility status as a minor source of emissions.  
[Rule 62-210.300(2)(b), F.A.C.]

**Subsection B. This section addresses the following emissions units.**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
004	Boiler No. 2

This boiler is used to generate steam for heating. The boiler is manufactured by Cleaver Brooks, Model No. D60RH. The boiler has a maximum heat input capacity of 45.0 MMBtu per hour and can produce 39,000 pounds of steam at a pressure of 125 psi and temperature of 353 F. The boiler is fueled primarily with natural gas, but is also capable of burning No. 6 fuel oil as a standby fuel during periods of natural gas curtailment. This boiler is regulated by 62-296.406, F.A.C. It is not subject to 40 CFR 60 Subpart Dc since installation and startup preceded the effective date of this Subpart. Limits are imposed on the combustion of No.6 fuel oil in order to maintain the facility as a minor source of emissions.

**The following specific conditions apply to the emissions unit listed above:**

**Essential Potential to Emit (PTE) Parameters**

**B.1.a. Capacity.** The maximum allowable operating rate is to produce 39,000 pounds of steam per hour. This is the operating rate at which compliance with standards shall be demonstrated. [Rules 62-4.160(2), 62-210.200(PTE), F.A.C.; and construction permit AC37-161948 issued 3/31/89]

**B.1.b. Capacity.** The maximum annual quantity of No. 6 fuel oil (residual oil) used by Emissions Unit 002 (Boiler No. 1), Emissions Unit 004 (Boiler No. 2) and Emissions Unit 010 (Boiler No. 3) is limited to 180,000 gallons. [Rules 62-4.160(2), 62-210.200(PTE), F.A.C.; and requested by application received June 1, 1999]

**B.1.c. Capacity.** The maximum allowable operating rate for Boiler No. 2 is 45.025 MMBtu per hour, averaged annually. This hourly average shall be calculated annually on the basis of the yearly quantity of natural gas and No. 6 fuel oil combusted. This information will be recorded and maintained at the facility and will be available for inspection upon request by the Department.. This limit is established to maintain the facility status as a minor source of emissions. [Rule 62-210.300(2)(b), F.A.C.]

**B.2. Methods of Operation.** Boiler No. 2 is to be fueled principally with natural gas. During periods of natural gas curtailment, however, the boiler may burn No. 6 fuel oil with a sulfur content not to exceed 0.5%. [Rules 62-4.160(2) and 62-296.406, F.A.C.]

**B.3. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

#### **Emission Limitations and Standards**

**B.4. Opacity Standard.** Emissions shall not exceed 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. This opacity standard applies at all times, except during periods of startup, shut-down, or malfunction.  
[Rule 62-296.406(1), F.A.C.]

#### **Test Methods and Procedures**

{Permitting note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**B.5.a.** Visible Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Visible emissions tests shall be conducted for Boiler No. 2 (while burning natural gas) in accordance with EPA Method 9 for thirty minutes. Such tests shall be scheduled one time within the final six months of the permit term. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.  
[Rules 62-4.070, 62-297.310(4) & (7), and 62-297.401(9), F.A.C.]

**B.5.b.** The test reports shall comply with applicable portions of F.A.C. Rule 62-297.310, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.  
[Rules 62-297.310(7) and 62-297.620(1), F.A.C.]

**B.5.c.** Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than 15 days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.  
[Rules 62-297.310(2) and 62-4.070, F.A.C.]

**Recordkeeping and Reporting Requirements**

**B.6. Excess Emissions Reports.** Thirty days after the end of each calendar quarter in which there are opacity excess emissions during oil combustion, the facility must submit an excess emission report (EER) to the Department. If there are no opacity excess emissions during a calendar quarter, EERs may be submitted semiannually stating that no excess emissions occurred during the reporting period. The initial report shall be postmarked by the 30<sup>th</sup> day following the end of a relevant quarter or semiannual period, as appropriate. For reporting purposes, EERs must indicate the total time of the visible emission observations during the calendar quarter and identify the duration of any excess emissions.

Excess emissions shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

Excess emissions resulting from boiler cleaning (soot blowing) and load change shall be permitted provided the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed Number 3 of the Ringelmann Chart (60 percent opacity), and providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized. A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with the following:

If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.

[Rules 62-210.700 and 62-4.130, F.A.C.]

**B.7 Fuel Oil Sulfur Content Reports.** The permittee shall keep records of the fuel oil sulfur content and submit reports on the same schedule basis as the excess emissions reports, either quarterly or semiannually during periods of fuel oil combustion. Reports shall be postmarked by the 30<sup>th</sup> day following the end of the relevant quarter or semiannual period, as applicable. (Note: the semiannually reporting option is authorized due to the slow turnover of the fuel oil.)

[40 CFR 60.48c(e)(1) & (2)]

**B.8. Annual Fuel Oil Recordkeeping.** The facility will maintain records of all No. 6 fuel oil in storage and delivered to verify that the annual allowable limit of 180,000 gallons is not exceeded. These records will be made available for inspection upon request by the Department.  
[Air Permit Application received June 1, 1999]

**B.9. Annual Heat Input Records.** The maximum allowable operating rate for Boiler No. 2 is 45.025 MMBtu per hour, averaged annually. This hourly average shall be calculated for the calendar year on the basis of the yearly quantity of natural gas and No. 6 fuel oil combusted. This information will be recorded and maintained at the facility and will be available for inspection upon request of the Department by January 31. This limit is established to maintain the facility status as a minor source of emissions.  
[Rule 62-210.300(2)(b), F.A.C.]

**B.10. Annual Operating Report.** An Annual Operating Report (AOR) is required for this facility because this permit synthetically limits the quantity of No. 6 fuel oil.  
[Rule 62-210.370(3)(a)2., F.A.C.]

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
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 acknowledgment 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, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; 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.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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 this 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 provide the Department with the following information:
  - a. A description of and cause of noncompliance; 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. 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 for 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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance 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. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained 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 measurement;
  - the person responsible for performing the sampling or measurement;
  - 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.

14. 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 the 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 corrected promptly.

**Table 2-1, Summary of Compliance Requirements**

Florida State University Central Utilities Plant

DRAFT Permit No.: 0730010-002-AF  
 Facility ID No.: 0730010

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No. Brief Description**  
 [002, 004, 010]

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
VE (PM)	Nat Gas	EPA Method 9	Once	Final 6 months	30 mins		A.7. & B.5.
VE (PM)	No. 6 fuel oil	Observations based on EPA Method 9	Daily	N/A	6-mins		A.2.
0.5% Sulfur	No.6 fuel oil	Shipment Fuel Sampling Method	Initial and for each fuel shipment	N/A	N/A		A.2. & B.2.
180,000 gallons annual limit	No.6 fuel oil	Recordkeeping	Annual	31-Dec	N/A		A.1. & B.1.b.
Heat Input	All	Recordkeeping	Annually	31-Jan	N/A		A.1.a. & B.1.c.

Notes:

\* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

\*\*CMS [=] continuous monitoring system

[electronic file name: 07300102.xls]