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Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

ENTERED
MAR 29 1996

PERMITTEE:

University of West Florida

AIRS I.D. Number: 0330064

Air Permit Number: 0330064001AO

Emission Units: 001, 002, 003, 004

Date of Issue: March 29, 1996

Expiration Date: March 29, 2001

County: Escambia

Project: Four Boilers, Nos. 1, 3, 5 and 6

30°32'57" / 87°18'37"

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of four boilers (No. 1, No. 3, No. 5 and No. 6) as described in application received February 9, 1996 and other information on file. Boiler No. 1 is a water-tube type boiler manufactured by Cleaver-Brooks, Boiler No. 3 is a fire-tube type boiler manufactured by Burnham. These two boilers are the main source of heat for the university campus. They are used primarily during the cold season and placed on wet lay-up during warm weather. Both boilers are fueled by natural gas, with No. 2 fuel oil as standby during gas supply curtailment. Boiler No. 6 (summer boiler) is a water-tube type boiler manufactured by Cleaver-Brooks. It is fired solely by natural gas and is used during the summer annual inspections of the main boilers. Swimming Pool Boiler (No. 5) is a water-tube type, manufactured by Bryan, using natural gas as its primary fuel with No. 2 fuel oil as stand-by fuel.

Located: University of West Florida Campus, north of Nine Mile Road, Pensacola

0330064001AO

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

Operation

2. The maximum allowable hours of operation and maximum allowable operating rates, Heat Inputs, are listed below:

Boiler No.	Source ID #	Maximum Hours/Yr	Max. Heat Input Million Btu/hr
1	001	2688 8760 AOH	63.5
3	002	5376 8760 AOH	33.5
5	003	336 8760 AOH	4.5
6	004	2688 - AOH	1.6 (REMOVED FROM SERVICE) AOH

These are the operating rates at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070 and construction and renewal permit applications]

3. To comply with Best Available Control Technology for PM and SO₂, boilers 1, 3 and 5 will use natural gas as their primary fuel, with low sulfur (<1%) No. 2 oil as back-up fuel during periods of emergency such as natural gas curtailment. Boiler 6 will use only natural gas as fuel. [FAC Rule 17-296.406(2), FAC Rule 17-296.406(3), renewal permit application]

4. All vats, containers, etc., that are used for temporary and permanent storage of VOC/organic solvents shall be covered to prevent vaporization of VOC when not in use. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of VOC materials. [FAC Rule 62-296.320(1)(a)]

Emissions

5. No objectionable odors shall be allowed off plant property. If the Department determines the facility is emitting objectionable odors, the Permittee shall submit an odor remediation plan within 45 days of receipt of written notification from the Department. The plan shall include, but not be limited to, dispersion modeling

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analysis, strategies to reduce odorous chemicals utilization, and modifications of manufacturing production cycles, manufacturing methods and/or plant exhaust systems. [FAC Rule 62-296.320(2)]

6. No visible emissions are allowed under normal operation, except for up to three minutes in any one hour at no more than 20% opacity. This stricter standard is accepted in exchange for a waiver of annual VE testing requirements. [Permittee request and Permit AO17-191310]

Testing

7. If visible emissions in excess of those specified in specific condition 6 are detectable by Department inspection it shall constitute good reason to believe that the applicable emission standard is being violated and the permittee shall conduct a visible emissions test to show compliance. The test shall be conducted in accordance with DEP method 9 for one hour. Such test shall be conducted within 30 days of being notified of the applicability of this condition required in accordance with FAC Rule 17-2.700(b). [Permit AO17-191310] The Department shall be notified at least 15 days prior to testing to allow witnessing.

8. Test reports shall comply with F.A.C. Rule 62-297.570, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.340(2). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

9. 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. [FAC Rule 62-4.070]

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SPECIFIC CONDITIONS:

Administrative

10. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit two copies of the permit renewal application 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 Florida Department of Environmental Protection. [FAC Rule 62-4.090]

11. The emission units covered by this permit are:

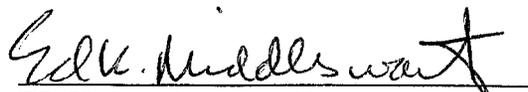
Source ID#	Emission Unit Name	Location
001	Boiler #1	Building #40, Campus Utilities
002	Boiler #3	Building #40, Campus Utilities
003	Boiler #5	Building #73, Mechanical Room #135
004	Boiler #6	Building #40, Campus Utilities

Please cite the appropriate source I.D. number on all test reports and other correspondence specific to a permitted emission unit. [FAC Rule 62-297.570]

12. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date: Issued this 29th day of March, 1996.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



ED K. MIDDLESWART, P.E.

Air Program Administrator

GENERAL CONDITIONS:

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,

GENERAL CONDITIONS:

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.

GENERAL CONDITIONS:

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.