



CITY HALL
300 S. ADAMS ST.
TALLAHASSEE, FL
32301-1731
904/891-8100
TDD 1-800/955-8771

RON WEAVER
Mayor
SCOTT MADDOX
Mayor Pro Tem

JOHN PAUL BAILEY
Commissioner
DEBBIE LIGHTSEY
Commissioner
STEVE MEISBURG
Commissioner

STEVEN C. BURKETT
City Manager
ROBERT B. INZER
City Treasurer-Clerk

JAMES R. ENGLISH
City Attorney
RICARDO FERNANDEZ
City Auditor

March 21, 1997

CERTIFIED MAIL

Mr. John C. Brown, P.E.
Professional Engineering Administrator
Division of Air Resources Management
Air Permitting and Standards
Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Stop 5500
Tallahassee, Florida 32399-2400

RECEIVED
MAR 24 1997
BUREAU OF
AIR REGULATION

Re: Sam O. Purdom Generating Station Title V Permit Application

Dear Mr. Brown:

This letter is being provided to the Florida Department of Environmental Protection confirming the City of Tallahassee's request for Title V Permit limit of 1.20 percent sulfur content in liquid fuel oil fired in boilers No. 5 and No. 6 in order to meet the 1.3 lb/mmBtu sulfur dioxide limit. Compliance with the 1.20 percent sulfur content will be demonstrated with vendor-supplied data. Attached are revised pages from the Sam O. Purdom Generating Station Title V Permit Application (original submitted on June 14, 1996; 1st revision submitted on December 20, 1996) reflecting these requested allowable limits.

If you have any questions regarding this request for fuel oil sulfur content limits, please feel free to contact either myself at (904) 891-5534 or Ms. Jennette Curtis at (904) 891-8850.

Yours Truly,

Robert McGarrah, Superintendent
Electric Production Division
Responsible Official

Attachments

cc: Jonathan Holtom, FDEP
G. King, COT
J. D. Curtis, COT

Emissions Unit Information Section 5 of 7

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: OTHER
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: 1.3 lb/mmBtu; Sulfur content of 1.20 percent or less, by weight, in liquid fuel oil.
4. Equivalent Allowable Emissions: 390 lb/hour 1.71 x 10³ tons/year
5. Method of Compliance (limit to 60 characters): Records of fuel oil sulfur content as received by vendor are maintained and kept available for Department Inspections.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): The City of Tallahassee is proposing a 1.3 lb/mmBtu SO₂ emissions limitation for that portion of the heat input associated with liquid fuel in order to further assure that emissions will neither cause nor contribute to an exceedance of applicable air quality standards.

B.

1. Basis for Allowable Emissions Code:
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions:
5. Method of Compliance (limit to 60 characters):

Emissions Unit Information Section 6 of 7

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: OTHER
2. Future Effective Date of Allowable Emissions:
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5. Method of Compliance (limit to 60 characters): Records of fuel oil sulfur content as received by vendor are maintained and kept available for Department Inspections.
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B.

1. Basis for Allowable Emissions Code:
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions:
5. Method of Compliance (limit to 60 characters):

CLAIR Bruce
copy district



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City Auditor

March 14, 1997

CERTIFIED MAIL P483-230-228

Mr. Howard Rhodes, Director
Division of Air Resources Management
Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Stop 5500
Tallahassee, Florida 32399-2400

RECEIVED

MAR 15 1997
DIVISION OF AIR
RESOURCES MANAGEMENT

**Re: Anticipated Initial Startup Notification
Auxiliary Boiler - Construction Permit No. 1290001-002-AC
Sam O. Purdom Generating Station**

RECEIVED

MAR 18 1997

BUREAU OF
AIR REGULATION

Dear Mr. Rhodes:

This letter is being provided to inform you of the anticipated initial startup date in accordance with Chapter 40 of the Code of Federal Regulations (CFR) Part 60.7(a), as adopted by reference in 62-204.800, Florida Administrative Code (FAC). The City of Tallahassee anticipates initial startup on April 28, 1997, of the above-referenced emission unit at the Sam O. Purdom Generating Station located at 667 Port Leon Drive, St. Marks, Wakulla County, Florida. The emission unit being constructed is a 16.74 million British thermal units per hour (mmBtu/hr) natural gas-fired auxiliary boiler subject to regulation under 40 CFR Part 60, Subpart Dc, as adopted by reference in 62-204.800, FAC.

If you have any questions regarding this anticipated startup notification, please feel free to contact either myself at (904) 891-5534 or Ms. Jennette Curtis at (904) 891-8850.

Yours Truly,

Robert McGarrah, Superintendent
Electric Production Division

cc: Winston A. Smith, EPA Region IV
B. Cowart, COT
G. King, COT
J. D. Curtis, COT

Gerry Neubauer 3-19-97 RM
Andy Allen
Jonathan Holton

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JAMES R. ENGLISH
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RICARDO FERNANDEZ
City Auditor

December 20, 1996

CERTIFIED MAIL No. P 230 286 848

RECEIVED

DEC 24 1996

**BUREAU OF
AIR REGULATION**

Mr. John C. Brown, Jr., P.E.
Air Permitting and Standards Administrator
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

**Re: Additional Information Regarding Initial Title V Permit Application
File No.: 1290001-001-AV
Sam O. Purdom Generating Station, Wakulla County**

Dear Mr. Brown:

On September 30, 1996, the City of Tallahassee (the City) received a letter, dated September 26, 1996, from your office indicating that the Title V Permit Application for the Sam O. Purdom Generating Station was received in a timely manner (June 14, 1996) and has been deemed complete. The September 26, 1996, letter also requests additional information regarding the referenced permit application. This letter is submitted as a response to the information requested and as a modification of the Title V Permit Application to include the natural gas fired auxiliary boiler unit currently under construction.

In response to the first item noted in your September 26, 1996, letter the City provides the Department the attached letter, dated October 2, 1996, surrendering Air Operation Permit No. AO65-242828. Surrender of this permit precludes the need to submit application data on the emission units referred to as boilers 1 through 4. In addition, it should be noted that confirmation that boilers 1 through 4 are disabled was conducted by Mr. Ralph Staplin, Florida Department of Environmental Protection, on October 18, 1996.

The second item noted in the letter pertained to setting a more stringent sulfur dioxide (SO₂) limit to boilers 5 and 6. During the meeting with you and your staff on October 15, 1996, the Department agreed that a 1.3 lb/mmBtu SO₂ limit to boilers 5 and 6 is acceptable. **In addition, the City requests that the Department apply the 1.3 lb/mmBtu SO₂ limit to any portion of the total heat input associated with the combustion of liquid fuel.** Attachment B presents corrected pages from the Title V Application (Section III, Part F, Segment Information) for each of the boilers affected by this request.

The City is also submitting this letter as a request to supplement and revise the Title V Application to include the natural gas fired auxiliary boiler projected to commence construction by January 4, 1997. Attachment C contains four signed copies of a

completed Long Form [DEP Form No. 62-210.900(1)] applying for the operation permit for the referenced additional emission unit (Emission Unit No. 1290001011). Please note, the auxiliary boiler was issued a Construction Permit (Permit No. 1290001-002-AC) on December 5, 1996. This supplement and revision to the Title V Application is in accordance with understandings developed during the October 15, 1996, meeting between FDEP, the City, the City's permitting consultant (Foster-Wheeler Environmental Corporation), and the City's environmental legal counsel (Hopping Green Sams & Smith).

If you have any questions regarding the information contained in this letter, please feel free to contact me at (904)891-8850.

Sincerely,



R. E. McGarrah
Superintendent, Production
Responsible Official

REM/kb

Attachments

cc: Kevin Wailes, COT
Gordon King, COT
Marty Black, COT
Jennette Curtis, COT

Attachment A



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JAMES R. ENGLISH
City Attorney
RICARDO FERNANDEZ
City Auditor

October 2, 1996

CERTIFIED MAIL P 230 286 968

Mr. Edwin K. Middleswart, P.E.
Professional Engineering Administrator
Division of Air Resources Management
Northwest District Office
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32501-5794

Re: Surrender of Air Operation Permit No. AO65-242828

Dear Mr. Middleswart:

The City of Tallahassee submits this letter to the Florida Department of Environmental Protection (FDEP) as a formal notification surrendering Air Operation Permit No. AO65-242828. This is a permit that granted authorization by the FDEP to operate Boiler No. 1 (Emissions Unit ID No. 10TLH65000101), Boiler No. 2 (Emissions Unit ID No. 10TLH65000102), Boiler No. 3 (Emissions Unit ID No. 10TLH65000103), and Boiler No. 4 (Emissions Unit ID No. 10TLH65000104) as emissions units located at the Sam O. Purdom Generating Station located at 667 Port Leon Drive, St. Marks, Wakulla County, Florida. Surrender of these permits shall be effective immediately.

If you have any questions regarding the surrender of the permit, please feel free to contact either myself at (904) 891-5534 or Ms. Jennette Curtis at (904) 891-8850.

Yours Truly,

R. E. McGarrah
Superintendent, Production
Responsible Official

cc: John C. Brown, Jr., P.E., FDEP
Jonathan Holtom, FDEP
K. G. Wailes, COT
G. King, COT
J. D. Curtis, COT