

STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Choctaw Generation Limited Partnership, Red Hills Generation Facility
2391 Pensacola Road
Highway 15 South
Ackerman, Mississippi
Choctaw County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: July 27, 1999

Permit No.: 0400-00011

Permit Modified: February 28, 2013

**PART I
GENERAL CONDITIONS**

1. Any activities not identified in the application are not authorized by this permit.
2. All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities.
3. The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.
4. The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10.
5. The construction of facilities shall be performed in such a manner as to reduce both point source and fugitive dust emissions to a minimum.
6. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon presentation of credentials:
 - a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and
 - b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emissions.
7. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:
 - a. Violation of any terms or conditions of this permit.
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts, or
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of authorized air emissions.

8. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.
9. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.
10. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances.
11. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.
12. This permit is for air pollution control purposes only.
13. Approval to construct will expire should construction not begin within eighteen (18) months of the issuance of this permit, or should construction be suspended for eighteen (18) months.
14. Prior to startup of air emissions equipment at this source, the permittee must obtain a Permit to Operate and submit certification that construction was completed in accordance with the approved plans and specifications.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning July 27, 1999, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-022, the limestone processing system equipped with a 40 MMBTUH natural gas fired dryer. All emissions are vented through a baghouse, for control of particulate matter.

This Emission Point is subject to the New Source Performance Standards for Nonmetallic Mineral Processing Plants as specified in 40 CFR 60, Subpart OOO, and the General Provisions as specified in 40 CFR 60, Subpart A, and the permittee must comply with all applicable requirements of said standards.

The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified below.

EMISSION LIMITATIONS

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| Particulate Matter | 0.05 grams/dscm, not to exceed 3.4 lbs/hr and 14.81 tons/year, as determined by EPA Test Methods 1-5, 40 CFR 60, Appendix A. |
| PM ₁₀ | 3.4 lbs/hr and 14.81 tons/year as determined by EPA Test Method 201 or 201A in conjunction with Test Method 202, 40 CFR 51, Appendix M. |
| Nitrogen Oxides | 9.1 lbs/hr and 39.9 tons/year, as determined by EPA Test Method 7, 40 CFR 60, Appendix A. |
| Opacity | 7 % as determined by EPA Test Method 9, 40 CFR 60, Appendix A. |

All test methods specified above shall be those versions, or their approved equivalents, which are in effect July 27, 1999.

**PART III
OTHER REQUIREMENTS**

- (1) For Emission Point AA-022, the operator of the equipment covered by this permit shall operate and maintain this equipment to assure that the emission rates will not, at any time, exceed the rates allowed by the Mississippi Air Emission Regulations.

Regular maintenance shall be performed each month or more often if necessary to maintain proper operation of the pollution control equipment. Records of this maintenance shall be kept in log form and must be made available for review upon request during any inspection visit by Office of Pollution Control personnel.

- (2) For Emission Points AA-022, the permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment. In the event of a failure of the pollution control equipment, the permittee shall cease operations of the affected unit(s) until such time as repairs are made and the proper efficiency of the pollution control equipment is restored.
- (3) Dust from truck traffic and other fugitive emissions on plant property must be kept to a minimum. Dust suppression/collection measures shall be employed to minimize dust from equipment and/or operations in the limestone, handling and storage systems.
- (4) For Emission Point AA-022, the permittee shall demonstrate compliance with PM and opacity limits by stack testing in accordance with EPA Reference Method 5 or its equivalent and Reference Method 9 respectively, and as specified in 40 CFR 60, §60.8 and §60.675, and submittal of a test report within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup.

For Emission Point AA-022, the permittee shall also demonstrate compliance with the nitrogen oxide emission limit by stack testing in accordance with EPA Reference Method 7 or equivalent no later than 180 days after initial startup.