

Facility Name: **Yates Steam-Electric Generating Plant**

City: Newnan

County: Coweta

AIRS #: 04-13-07700001

Application #: TV-846120

Date SIP Application Received:

Date Title V Application Received: June 25, 2024

Permit No: 4911-077-0001-V-05-3

Program	Review Engineers	Review Managers
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TOXICS	n/a	n/a
Permitting Program Manager		Steve Allison

Introduction

This narrative is being provided to assist the reader in understanding the content of the referenced SIP permit to construct and draft operating permit amendment. Complex issues and unusual items are explained in simpler terms and/or greater detail than is sometimes possible in the actual permit. This permit is being issued pursuant to: (1) Sections 391-3-1-.03(1) and 391-3-1-.03(10) of the Georgia Rules for Air Quality Control, (2) Part 70 of Chapter I of Title 40 of the Code of Federal Regulations, and (3) Title V of the Clean Air Act Amendments of 1990. The following narrative is designed to accompany the draft permit and is presented in the same general order as the permit. This narrative is intended only as an adjunct for the reviewer and has no legal standing. Any revisions made to the permit in response to comments received during the public comment period and EPA review process will be described in an addendum to this narrative.

I. Facility Description

A. Existing Permits

Table 1 below lists the current Title V permit, and all administrative amendments, minor and significant modifications to that permit, and 502(b)(10) attachments.

Table 1: Current Title V Permit and Amendments

Permit/Amendment Number	Date of Issuance	Description
4911-077-0001-V-05-0	October 6, 2023	Title V Renewal
4911-077-0001-V-05-1	March 20, 2024	Align the schedule for the biennial compliance report required by 40 CFR 63 Subpart DDDDD
4911-077-0001-V-05-2	June 7, 2024	Construction and Operation of three (3) advanced class dual-fired simple cycle combustion turbines

B. Regulatory Status

1. PSD/NSR/RACT

This facility is a major source under PSD because it has potential emissions of PM, NO_x, VOC, and CO greater than 100 tpy (it is one of the 28 named source categories under PSD). The facility was originally constructed before the PSD regulations were effective. Permit Condition 3.2.1 limits potential SO₂ emissions to less than 100 tons per year.

2. Title V Major Source Status by Pollutant

Table 2: Title V Major Source Status

Pollutant	Is the Pollutant Emitted?	If emitted, what is the facility's Title V status for the Pollutant?		
		Major Source Status	Major Source Requesting SM Status	Non-Major Source Status
PM	Y	✓		
PM ₁₀	Y	✓		
PM _{2.5}	Y	✓		
SO ₂	Y			✓
VOC	Y	✓		
NO _x	Y	✓		
CO	Y	✓		
TRS	N/A			
H ₂ S	N/A			
Individual HAP	Y	✓		
Total HAPs	Y	✓		

II. Proposed Modification

A. Description of Modification

This application No. TV-846120 was received on June 25, 2024. The applicant is requesting to renew the Acid Rain Permit for calendar years 2025 through 2029.

B. Emissions Change

Table 3: Emissions Change Due to Modification

Pollutant	Is the Pollutant Emitted?	Net Actual Emissions Increase (Decrease) (tpy)	Net Potential Emissions Increase (Decrease) (tpy)
PM	Y	0	0
PM ₁₀	Y	0	0
PM _{2.5}	Y	0	0
SO ₂	Y	0	0
VOC	Y	0	0
NO _x	Y	0	0
CO	Y	0	0
TRS	N/A	0	0
H ₂ S	N/A	0	0
Individual HAP	Y	0	0
Total HAPs	Y	0	0

C. PSD/NSR Applicability

This facility is a major source under PSD because it has potential emissions of PM, NO_x, VOC, and CO greater than 100 tpy (it is one of the 28 named source categories under PSD). The facility was originally constructed before the PSD regulations were effective. Permit Condition 3.2.1 limits potential SO₂ emissions to less than 100 tons per year.

This modification is not subject to PSD or NSR regulations and is not a modification under NSPS or NESHAP.

VIII. Specific Requirements

A. Operational Flexibility

There are no requests for operational flexibility associated with this modification.

B. Alternative Requirements

There are no alternative requirements associated with this modification.

C. Insignificant Activities

There are no insignificant activities associated with this modification.

D. Temporary Sources

There are no temporary sources associated with this modification.

E. Short-Term Activities

There are no short-term activities associated with this modification.

F. Compliance Schedule/Progress Reports

No compliance issues were indicated.

G. Emissions Trading

There is no emissions trading associated with this modification.

H. Acid Rain Requirements/CAIR/CSPAR

Condition 7.9.7 updates the Acid Rain Permit for the calendar years 2025 through 2029 for Emission Units SG06 and SG07.

I. Prevention of Accidental Releases

This permit modification does not affect the applicability of Prevention of Accidental Releases requirements to this facility.

J. Stratospheric Ozone Protection Requirements

This permit modification does not affect the applicability of Stratospheric Ozone Protection requirements to this facility.

K. Pollution Prevention

This permit modification does not affect the applicability of Pollution Prevention requirements to this facility.

L. Specific Conditions

There are no specific conditions associated with this permit modification.

Addendum to Narrative

The 30-day public review started on September 18, 2024, and ended on October 18, 2024. Comments were not received by the Division.