

Facility Name: **Dahlberg Combustion Turbine Electric Generating Plant**

City: Nicholson

County: Jackson

AIRS #: 04-13-15700034

Application #: 672444

Date SIP Application Received:

Date Title V Application Received: June 16, 2022

Permit No: 4911-157-0034-V-06-1

Program	Review Engineers	Review Managers
SSPP	Renee Browne	Cynthia Dorrough
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ISMU	Joanna Pecko	Dan McCain
TOXICS	n/a	n/a
Permitting Program Manager		Stephen Damaske

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
4911-157-0034-V-06-0	March 4, 2019	Title V Renewal

B. Regulatory Status

1. PSD/NSR/RACT

At the time of the issuance of the construction permit, the facility was a major PSD source because it had potential emissions of NO_x, CO, and SO₂ greater than 250 tons per year. The facility is not classified as one of the 28 named source categories under 40 CFR 52.21. The facility was permitted under the PSD regulations in 1999 and the requirements of PSD applied to emissions of NO_x, CO, VOC, SO₂, PM/PM₁₀, visible emissions, and sulfuric acid.

Georgia Rule 391-3-1-.03(8)(c)15 establishes the facility as a major NSR source of NO_x emissions because potential NO_x emissions exceed 100 tons per year.

This modification does not include physical changes or changes in the method of operation of the facility; PSD/NSR is not applicable.

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	Yes	✓		
PM ₁₀	Yes	✓		
PM _{2.5}	Yes	✓		
SO ₂	Yes	✓		
VOC	Yes			✓
NO _x	Yes	✓		
CO	Yes	✓		
TRS	N/A			
H ₂ S	N/A			

TITLE V SIGNIFICANT MODIFICATION (WITHOUT CONSTRUCTION) APPLICATION REVIEW

Individual HAP	Yes			✓
Total HAPs	Yes			✓

II. Proposed Modification

A. Description of Modification

This amendment updates the Acid Rain Permit for the years 2023 thru 2027 for Emission Units CT1 thru CT10 in Conditions 7.9.1 and 7.9.7 and Attachment D.

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	✓	0	0
PM ₁₀	✓	0	0
PM _{2.5}	✓	0	0
SO ₂	✓	0	0
VOC	✓	0	0
NO _x	✓	0	0
CO	✓	0	0
TRS	n/a		
H ₂ S	n/a		
Individual HAP	✓	0	0
Total HAPs	✓	0	0

C. PSD/NSR Applicability

The modification would not be classified as a major new source or major modification for PSD.

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

The facility is in compliance with all Air Quality Regulations. Therefore, no compliance schedule or progress reports are necessary.

G. Emissions Trading

There are no emissions trading associated with this modification.

H. Acid Rain Requirements/CAIR/CSPAR

Condition 7.9.7 updates the Acid Rain Permit for calendar years 2023 through 2027 for Emission Units CT1 thru CT10.

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 month day, year and ended on month day, year. Comments were/were not received by the Division.

//If comments were received, state the commenter, the date the comments were received in the above paragraph. All explanations of any changes should be addressed below.//