

# Memorandum

# Florida Department of Environmental Protection

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TO: Trina Vielhauer, Bureau of Air Regulation  
FROM: Russell Wider, Title V Section *RW*  
DATE: May 15, 2008  
SUBJECT: Draft/Proposed Air Permit No. 0490340-009-AV  
Seminole Electric Cooperative, Inc., Midulla Generating Station  
CAIR Part Form

Attached for your review are the following items:

- Written Notice of Intent to Issue Air Permit;
- Public Notice of Intent to Issue Air Permit;
- Statement of Basis;
- Draft/Proposed Permit; and
- P.E. Certification.

The Draft Permit incorporates the Clean Air Interstate Rule (CAIR) Part Form into the Title V air operation permit for Midulla Generating Plant, which is located in Hardee County, Florida. The Statement of Basis provides a summary of the project.

The application was received and deemed complete on April 9, 2008. Day 90 is July 8, 2008.

I recommend your approval of the attached Draft Permit.

Attachments

**P.E. CERTIFICATION STATEMENT**

**PERMITTEE**

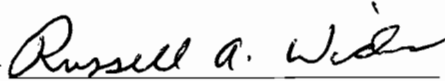
Seminole Electric Cooperative, Inc.  
P.O. Box 272000  
Tampa, Florida 33688-2000

Draft 0490340-009-AV  
Facility ID No. 0490340  
Midulla Generating Station  
CAIR Part Form  
Hardee County, Florida

**PROJECT DESCRIPTION**

This draft permit incorporates the Clean Air Interstate Rule (CAIR) Part Form (DEP Form No. 62-210.900(1)(b)) into a revised Title V air operation permit for Midulla Generating Station.

*I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and meteorological features).*



Russell A. Wider, P.E.  
Registration Number: 66540

May 15, 2008

(Date)





# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

May 15, 2008

*Electronic Mail – Received Receipt Requested*

Mr. Michael Opalinski, V.P. of Technical Services  
Seminole Electric Cooperative, Inc.  
P.O. Box 272000  
Tampa, Florida 33688-2000

Re: DRAFT/PROPOSED Permit No. 0490340-009-AV  
Seminole Electric Cooperative, Midulla Generating Station  
Title V Air Operation Permit Revision  
Clean Air Interstate Rule Part

Dear Mr. Opalinski:

On March 28, 2008, you submitted a Clean Air Interstate Rule (CAIR) Part Form (DEP Form No. 62-210.900(1)(b)) for incorporation into the Title V air operation permit for Midulla Generating Station. This facility is located in Hardee County at 6695 County Road 663, Bowling Green, Florida. Enclosed are the following documents:

- The proposed Draft/Proposed Title V Air Operation Permit Revision includes the CAIR Part which specifies that the owner/operator will operate the facility and each CAIR unit at the facility in accordance with 40 Code of Federal Regulations (CFR) 96 and Rule 62-296.470, Florida Administrative Code (F.A.C.).
- The Statement of Basis, which summarizes the facility, the equipment, the primary rule applicability, and any changes since the last Title V air operation permit revision.
- The Written Notice of Intent to Issue Title V Air Operation Permit Revision provides important information regarding: the Permitting Authority's intent to issue an air permit for the proposed project; the requirements for publishing a Public Notice of the Permitting Authority's intent to issue an air permit; the procedures for submitting comments on the revised Draft/Proposed Permit; the process for filing a petition for an administrative hearing; and the availability of mediation.
- The Public Notice of Intent to Issue Title V Air Operation Permit Revision is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Public Notice of Intent to Issue Title V Air Operation Permit Revision must be published as soon as possible and the proof of publication must be provided no later than October 25, 2008. This is important in order for you to receive the revision with the CAIR Part by January 1, 2009.

If you have any questions, please contact the Project Engineer, Russell Wider, by telephone at 850-921-9527 or by email at [Russell.Wider@dep.state.fl.us](mailto:Russell.Wider@dep.state.fl.us).

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

TLV/raw

Enclosures

**WRITTEN NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION**

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*In the Matter of an  
Application for Air Permit by:*

Seminole Electric Cooperative, Inc.  
P.O. Box 272000  
Tampa, Florida 33688-2000

Draft/Proposed 0490340-009-AV  
Facility ID No. 0490340  
Midulla Generating Station  
CAIR Part  
Hardee County, Florida

*Responsible official:*  
Mr. Michael Opalinski, V.P. of Technical Services

**Facility Location:** Seminole Electric Cooperative, Inc., operates the Midulla Generating Station, which is an electrical generating plant located at 6695 County Road 663, Bowling Green, in Hardee County, Florida.

**Project:** The applicant has submitted a complete and certified Clean Air Interstate Rule (CAIR) Part Form and has requested its incorporation into the existing Title V air operation permit. Details of the project are provided in the application and the enclosed Statement of Basis.

The facility is an existing power plant consisting of two combined cycle combustion turbines, ten simple cycle combustion turbines and miscellaneous unregulated and insignificant activities.

**Permitting Authority:** Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-296.470 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft/Proposed Permit, the Statement of Basis, the CAIR Part Form, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the Draft/Proposed Permit by visiting the following website: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft/Proposed Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Public Notice:** Pursuant to Sections 403.815 and 403.087, F.S. and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the

## WRITTEN NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**Comments:** The Permitting Authority will accept written comments concerning the Draft/Proposed Title V air operation permit for a period of thirty (30) days from the date of publication of the Public Notice. Written comments must be post-marked, and all e-mail or facsimile comments must be received by the close of business (5 pm), on or before the end of this 30-day period by the Permitting Authority at the above address, email or facsimile. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the official web site for notices at Florida Administrative Weekly (FAW) at <http://faw.dos.state.fl.us/> and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the Draft/Proposed Permit, the Permitting Authority shall issue a Revised Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

## WRITTEN NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available in this proceeding.

**EPA Review:** EPA has agreed to treat the Draft/Proposed Title V air operation permit as a Proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The Final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that results in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/Florida.htm>.

**Objections:** Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within sixty (60) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the thirty (30) day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

WRITTEN NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

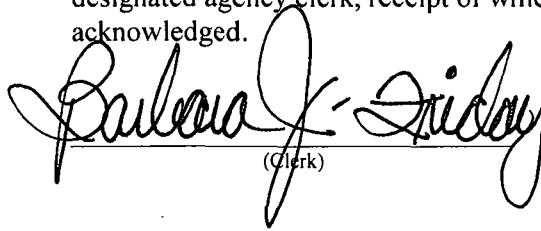
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Public Notice, the Statement of Basis, and the Draft/Proposed Permit) was sent by electronic mail with received receipt requested before the close of business on 5/16/08 to the persons listed below.

Mr. Michael Opalinski, Seminole Electric Cooperative, Inc. [mopalinski@seminole-electric.com](mailto:mopalinski@seminole-electric.com)  
Mr. Mike Roddy, Seminole Electric Cooperative, Inc. [wmroddy@seminole-electric.com](mailto:wmroddy@seminole-electric.com)  
Ms. Cindy Zhang-Torres, Southwest District Office [Cindy.Zhang-Torres@dep.state.fl.us](mailto:Cindy.Zhang-Torres@dep.state.fl.us)  
Ms. Gracy Danois, U.S. EPA Region 4: [danois.gracy@epa.gov](mailto:danois.gracy@epa.gov)  
Ms. Barbara Friday, DEP BAR: [Barbara.Friday@dep.state.fl.us](mailto:Barbara.Friday@dep.state.fl.us) (for posting with U.S. EPA, Region 4)

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

 5/16/08  
(Clerk) (Date)

## PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Draft/Proposed Air Permit No. 0490340-009-AV  
Seminole Electric Cooperative, Inc., Midulla Generating Station  
Hardee County, Florida

**Applicant:** The applicant for this project is Seminole Electric Cooperative, Inc. The applicant's authorized representative and mailing address is: Michael Opalinski, V.P. of Technical Services, Seminole Electric Cooperative, Inc., Midulla Generating Station, P.O. Box 272000, Tampa, Florida 33688-2000.

**Facility Location:** Seminole Electric Cooperative, Inc., operates the existing Midulla Generating Station, which is located in Hardee County at 6695 County Road 663, Bowling Green, Florida.

**Project:** The applicant has submitted a complete and certified Clean Air Interstate Rule (CAIR) Part Form and has requested its incorporation into the existing Title V air operation permit.

The facility is an existing power plant consisting of two combined cycle combustion turbines, ten simple cycle combustion turbines and miscellaneous unregulated and insignificant activities.

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**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft/Proposed Permit, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the Draft/Proposed Permit by visiting the following website: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the facility will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft/Proposed Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Comments:** The Permitting Authority will accept written comments concerning the Draft/Proposed Title V air operation Permit for a period of thirty (30) days from the date of publication of this Public Notice. Written comments and all e-mail comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address or email. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the official web site for notices at Florida Administrative Weekly (FAW) at <http://faw.dos.state.fl.us/> and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written

(Public Notice to be Published in the Newspaper)



## PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

comments or comments received at a public meeting result in a significant change to the Draft/Proposed Permit, the Permitting Authority shall issue a Revised Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

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A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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**Mediation:** Mediation is not available for this proceeding.

**EPA Review:** EPA has agreed to treat the Draft/Proposed Title V air operation permit as a Proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The Final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that results in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/Florida.htm>.

**Objections:** Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition

(Public Notice to be Published in the Newspaper)

## **PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION**

the Administrator of the EPA within sixty (60) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the thirty (30) day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm> .

## STATEMENT OF BASIS

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### PROJECT DESCRIPTION

On March 28, 2008, the applicant submitted a CAIR Part Form in order to incorporate the Clean Air Interstate Rule provisions into Title V air operation permit No. 0490340-006-AV.

### FACILITY DESCRIPTION

Seminole Electric Cooperative, Inc. operates the Midulla Generating Station, which is located in Hardee County at 6695 County Road 663 in Bowling Green, Florida. This existing electrical generating plant (SIC No. 4911) consists of two combined cycle gas turbines and ten simple cycle combustion turbines.

#### Combined Cycle Units (Emission Units (EU) 001 & 002):

The combined cycle system consists of two combustion turbines, two heat recovery steam generators (HRSG), two exhaust stacks and common steam turbine-electrical generator. Without a bypass stack, each combustion turbine operates in combined cycle mode to generate 157.5 megawatts (MW) of direct power. Each HRSG recovers energy from the combustion turbine exhaust to provide steam to the shared steam turbine-electrical generator and produce an additional 173 MW of steam-generated power. The combined cycle combustion turbines are base loaded units. Each unit fires natural gas as the primary fuel and may fire low sulfur distillate oil as a backup fuel. To control carbon monoxide (CO) and volatile organic compound (VOC) emissions, each unit is equipped with a catalytic oxidation system. To control nitrogen oxides (NO<sub>x</sub>) emissions, each unit is equipped with dry low-NO<sub>x</sub> combustion technology and selective catalytic reduction (SCR) for firing natural gas, and wet injection for firing distillate oil. The water-to-fuel ratio is continuously monitored and recorded for each unit. Pursuant to the federal Acid Rain program and permit limits, each unit monitors NO<sub>x</sub> emissions with a continuous emissions monitoring system (CEMS). A Compliance Assurance Monitoring (CAM) plan is not required for the SCR and water injection systems because compliance is determined by NO<sub>x</sub> CEMS. A CAM plan is required for the catalytic oxidation systems, which control CO and VOC emissions.

#### Simple Cycle Units (EUs 005-009):

Each simple cycle system is known as a Twin Pac and consists of two combustion turbines, two exhaust stacks and common electrical generator. Each of the five Twin Pac systems is rated at 60 MW of direct power. The simple cycle units are used during periods of peak electrical demand. All units fire natural gas as the primary fuel and may fire low sulfur distillate oil as a backup fuel. To control CO and VOC emissions, all combustion turbines are equipped with catalytic oxidation systems. To control NO<sub>x</sub> emissions, all units are equipped with wet injection for firing natural gas and distillate oil. The water-to-fuel ratio is continuously monitored and recorded for each unit. One unit monitors NO<sub>x</sub> emissions with a CEMS. A CAM plan is not required for the water injection systems because compliance is determined by calculating NO<sub>x</sub> emissions based on data from the continuous water-to-fuel monitoring system. A CAM plan is not required for the catalytic oxidation systems because CO and VOC emissions are less than 100 tons/year/unit.

### CAM PLAN

The CAM Plan for the two combined cycle units includes monitoring of the inlet temperature to the oxidation catalyst, the pressure differential across the catalyst and the catalyst reactivity. Low inlet temperatures may result in reduced control efficiencies. High inlet temperatures may damage the catalyst. High pressure differential may indicate plugging of the catalyst. Decreased catalytic reactivity may indicate reduced effectiveness due to poisoning, damage or aging. Appropriate operating ranges were established based on expected performance projected by the vendor and actual operating data.

### PRIMARY REGULATORY REQUIREMENTS

The existing facility is:

Title III: The facility is identified as a synthetic minor source of hazardous air pollutants (HAP).

Title IV: The facility operates units subject to the acid rain provisions of the Clean Air Act.

## STATEMENT OF BASIS

**Title V:** The facility is a Title V major source of air pollution in accordance with Chapter 213, Florida Administrative Code (F.A.C.).

**PSD:** The facility is a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

**NSPS:** The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60, as adopted by reference in Rule 62-204.800, F.A.C.

**CAIR:** The facility is subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

**CAM:** The facility operates units subject to Compliance Assurance Monitoring (CAM).

### APPLICABLE REGULATIONS

In addition to federal rules above, this facility is subject to the following state rules:

APPLICABLE REGULATIONS	EU ID
40 CFR 60, Subpart GG – Standards of Performance for Stationary Gas Turbines...	001, 002, 005-009
40 CFR 60, Subpart A – General Provisions	
40 CFR 75 – Acid Rain Monitoring Provisions	
40 CFR 73 – Sulfur Dioxide (SO <sub>2</sub> ) Allowance System	001 & 002
Rule 62-212, F.A.C. – Preconstruction Review, PSD Review and BACT	001, 002, 005-009
Rule 62-204, F.A.C. - Ambient Air Quality Requirements, PSD Increments, and Federal Regulations adopted by Reference	
Rule 62-210.200, F.A.C. – Potential to Emit	005-009
Rule 62-213, F.A.C. - Title V Air Operation Permits	001, 002, 005-009
Rule 62-214, F.A.C. – Requirements for Sources Subject to Acid Rain Provisions	

### PROJECT REVIEW

The CAIR Part Form is now a part of this permit and has been incorporated as Section V, CAIR Part Form. This section identifies the units that must comply with the standard requirements and special provisions set forth in the CAIR Part Form.

### CONCLUSION

This project revises Title V air operation permit No. 0490340-006-AV, which was issued on December 13, 2007. This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.

**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

**Clean Air Interstate Rule (CAIR).**

**Operated by:** Seminole Electric Cooperative, Inc  
**Plant:** Midulla Generating Station  
**ORIS Code:** 7380

The emissions units below are regulated under the Clean Air Interstate Rule.

<b>EU No.</b>	<b>EPA Unit ID#</b>	<b>Brief Description</b>
001	1	Combined Cycle Unit 1
002	2	Combined Cycle Unit 2
005	4A	Twin Pac simple cycle combustion turbine
	4B	Twin Pac simple cycle combustion turbine
006	5A	Twin Pac simple cycle combustion turbine
	5B	Twin Pac simple cycle combustion turbine
007	6A	Twin Pac simple cycle combustion turbine
	6B	Twin Pac simple cycle combustion turbine
008	7A	Twin Pac simple cycle combustion turbine
	7B	Twin Pac simple cycle combustion turbine
009	8A	Twin Pac simple cycle combustion turbine
	8B	Twin Pac simple cycle combustion turbine

1. Clean Air Interstate Rule Application. The Clean Air Interstate Rule Part Form submitted for this facility is a part of this permit. The owners and operators of these CAIR units as identified in this form must comply with the standard requirements and special provisions set forth in the CAIR Part Form (DEP Form No. 62-210.900(1)(b)) dated March 16, 2008, which is attached at the end of this section. [Chapter 62-213, F.A.C. and Rule 62-210.200(58), F.A.C.]

**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

## Clean Air Interstate Rule (CAIR) Part

For more information, see instructions and refer to 40 CFR 96.121, 96.122, 96.221, 96.222, 96.321 and 96.322; and Rule 62-296.470, F.A.C.

This submission is:  New     Revised     Renewal

**STEP 1**

Identify the source by plant name and ORIS or EIA plant code

Plant Name: Midulla Generating Station	State: Florida	ORIS or EIA Plant Code: 7380
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0490340-009-AV

**STEP 2**

In column "a" enter the unit ID# for every CAIR unit at the CAIR source.

In columns "b," "c," and "d," indicate to which CAIR program(s) each unit is subject by placing an "X" in the column(s).

For new units, enter the requested information in columns "e" and "f."

a	b Unit will hold nitrogen oxides (NO <sub>x</sub> ) allowances in accordance with 40 CFR 96.106(c)(1)	c Unit will hold sulfur dioxide (SO <sub>2</sub> ) allowances in accordance with 40 CFR 96.206(c)(1)	d Unit will hold NO <sub>x</sub> Ozone Season allowances in accordance with 40 CFR 96.306(c)(1)	e New Units Expected Commence Commercial Operation Date	f New Units Expected Monitor Certification Deadline
Unit ID#					
1	X	X	X		
2	X	X	X		
4A	X	X	X		
4B	X	X	X		
5A	X	X	X		
5B	X	X	X		
6A	X	X	X		
6B	X	X	X		
7A	X	X	X		
7B	X	X	X		
8A	X	X	X		
8B	X	X	X		

**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

**STEP 3**

**Read the  
standard  
requirements.**

Plant Name (from STEP 1)    Midulla Generating Station

**CAIR NO<sub>x</sub> ANNUAL TRADING PROGRAM**

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall:
  - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.122 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
  - (ii) [Reserved];
- (2) The owners and operators of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CC, and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HH, and Rule 62-288.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HH, shall be used to determine compliance by each CAIR NO<sub>x</sub> source with the following CAIR NO<sub>x</sub> Emissions Requirements.

NO<sub>x</sub> Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall hold, in the source's compliance account, CAIR NO<sub>x</sub> allowances available for compliance deductions for the control period under 40 CFR 96.154(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for the control period from all CAIR NO<sub>x</sub> units at the source, as determined in accordance with 40 CFR Part 96, Subpart HH.
- (2) A CAIR NO<sub>x</sub> unit shall be subject to the requirements under paragraph (1) of the NO<sub>x</sub> Requirements starting on the later of January 1, 2009, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.170(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR NO<sub>x</sub> allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO<sub>x</sub> Requirements, for a control period in a calendar year before the year for which the CAIR NO<sub>x</sub> allowance was allocated.
- (4) CAIR NO<sub>x</sub> allowances shall be held in, deducted from, or transferred into or among CAIR NO<sub>x</sub> Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FF and GG.
- (5) A CAIR NO<sub>x</sub> allowance is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the CAIR NO<sub>x</sub> Annual Trading Program. No provision of the CAIR NO<sub>x</sub> Annual Trading Program, the CAIR Part, or an exemption under 40 CFR 96.105 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR NO<sub>x</sub> allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EE, FF, or GG, every allocation, transfer, or deduction of a CAIR NO<sub>x</sub> allowance to or from a CAIR NO<sub>x</sub> unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO<sub>x</sub> unit.

Excess Emissions Requirements.

If a CAIR NO<sub>x</sub> source emits NO<sub>x</sub> during any control period in excess of the CAIR NO<sub>x</sub> emissions limitation, then:

- (1) The owners and operators of the source and each CAIR NO<sub>x</sub> unit at the source shall surrender the CAIR NO<sub>x</sub> allowances required for deduction under 40 CFR 96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
  - (i) The certificate of representation under 40 CFR 96.113 for the CAIR designated representative for the source and each CAIR NO<sub>x</sub> unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.
  - (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO<sub>x</sub> Annual Trading Program.
  - (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO<sub>x</sub> Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO<sub>x</sub> Annual Trading Program.
- (2) The CAIR designated representative of a CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall submit the reports required under the CAIR NO<sub>x</sub> Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.

**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

Plant Name (from STEP 1) Midulla Generating station

**STEP 3,  
Continued**

Liability.

- (1) Each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit shall meet the requirements of the CAIR NO<sub>x</sub> Annual Trading Program.
- (2) Any provision of the CAIR NO<sub>x</sub> Annual Trading Program that applies to a CAIR NO<sub>x</sub> source or the CAIR designated representative of a CAIR NO<sub>x</sub> source shall also apply to the owners and operators of such source and of the CAIR NO<sub>x</sub> units at the source.
- (3) Any provision of the CAIR NO<sub>x</sub> Annual Trading Program that applies to a CAIR NO<sub>x</sub> unit or the CAIR designated representative of a CAIR NO<sub>x</sub> unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR NO<sub>x</sub> Annual Trading Program, a CAIR Part, or an exemption under 40 CFR 96.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO<sub>x</sub> source or CAIR NO<sub>x</sub> unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR SO<sub>2</sub> TRADING PROGRAM**

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall:
  - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.222 and Rule 62-298.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
  - (ii) [Reserved].
- (2) The owners and operators of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CCC, for the source and operate the source and each CAIR unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR SO<sub>2</sub> source and each SO<sub>2</sub> CAIR unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHH, and Rule 62-298.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHH, shall be used to determine compliance by each CAIR SO<sub>2</sub> source with the following CAIR SO<sub>2</sub> Emission Requirements.

SO<sub>2</sub> Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO<sub>2</sub> allowances available for compliance deductions for the control period, as determined in accordance with 40 CFR 96.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO<sub>2</sub> units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHH.
- (2) A CAIR SO<sub>2</sub> unit shall be subject to the requirements under paragraph (1) of the Sulfur Dioxide Emission Requirements starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.270(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR SO<sub>2</sub> allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the SO<sub>2</sub> Emission Requirements, for a control period in a calendar year before the year for which the CAIR SO<sub>2</sub> allowance was allocated.
- (4) CAIR SO<sub>2</sub> allowances shall be held in, deducted from, or transferred into or among CAIR SO<sub>2</sub> Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFF and GGG.
- (5) A CAIR SO<sub>2</sub> allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO<sub>2</sub> Trading Program. No provision of the CAIR SO<sub>2</sub> Trading Program, the CAIR Part, or an exemption under 40 CFR 96.205 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR SO<sub>2</sub> allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart FFF or GGG, every allocation, transfer, or deduction of a CAIR SO<sub>2</sub> allowance to or from a CAIR SO<sub>2</sub> unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR SO<sub>2</sub> unit.

Excess Emissions Requirements.

If a CAIR SO<sub>2</sub> source emits SO<sub>2</sub> during any control period in excess of the CAIR SO<sub>2</sub> emissions limitation, then:

- (1) The owners and operators of the source and each CAIR SO<sub>2</sub> unit at the source shall surrender the CAIR SO<sub>2</sub> allowances required for deduction under 40 CFR 96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAA, the Clean Air Act, and applicable state law.



**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

Plant Name (from STEP 1) Midulla Generating Station

**STEP 3,  
Continued**

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Department or the Administrator.

(i) The certificate of representation under 40 CFR 98.213 for the CAIR designated representative for the source and each CAIR SO<sub>2</sub> unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 98.213 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 98, Subpart HHH, of this part, provided that to the extent that 40 CFR Part 98, Subpart HHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO<sub>2</sub> Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR SO<sub>2</sub> Trading Program or to demonstrate compliance with the requirements of the CAIR SO<sub>2</sub> Trading Program.

(2) The CAIR designated representative of a CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall submit the reports required under the CAIR SO<sub>2</sub> Trading Program, including those under 40 CFR Part 98, Subpart HHH.

Liability.

(1) Each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit shall meet the requirements of the CAIR SO<sub>2</sub> Trading Program.

(2) Any provision of the CAIR SO<sub>2</sub> Trading Program that applies to a CAIR SO<sub>2</sub> source or the CAIR designated representative of a CAIR SO<sub>2</sub> source shall also apply to the owners and operators of such source and of the CAIR SO<sub>2</sub> units at the source.

(3) Any provision of the CAIR SO<sub>2</sub> Trading Program that applies to a CAIR SO<sub>2</sub> unit or the CAIR designated representative of a CAIR SO<sub>2</sub> unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR SO<sub>2</sub> Trading Program, a CAIR Part, or an exemption under 40 CFR 98.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO<sub>2</sub> source or CAIR SO<sub>2</sub> unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR NO<sub>x</sub> OZONE SEASON TRADING PROGRAM**

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall:

(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 98.322 and Rule 62-298.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and

(ii) [Reserved];

(2) The owners and operators of each CAIR NO<sub>x</sub> Ozone Season source required to have a Title V operating permit or air construction permit, and each CAIR NO<sub>x</sub> Ozone Season unit required to have a Title V operating permit or air construction permit at the source shall have a CAIR Part included in the Title V operating permit or air construction permit issued by the DEP under 40 CFR Part 98, Subpart CCCC, for the source and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 98, Subpart HHHH, and Rule 62-296.470, F.A.C.

(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 98, Subpart HHHH, shall be used to determine compliance by each CAIR NO<sub>x</sub> Ozone Season source with the following CAIR NO<sub>x</sub> Ozone Season Emissions Requirements.

NO<sub>x</sub> Ozone Season Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO<sub>x</sub> Ozone Season allowances available for compliance deductions for the control period under 40 CFR 98.354(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for the control period from all CAIR NO<sub>x</sub> Ozone Season units at the source, as determined in accordance with 40 CFR Part 98, Subpart HHHH.

(2) A CAIR NO<sub>x</sub> Ozone Season unit shall be subject to the requirements under paragraph (1) of the NO<sub>x</sub> Ozone Season Emission Requirements starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 98.370(b)(1),(2), or (3) and for each control period thereafter.

(3) A CAIR NO<sub>x</sub> Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO<sub>x</sub> Ozone Season Emission Requirements, for a control period in a calendar year before the year for which the CAIR NO<sub>x</sub> Ozone Season allowance was allocated.

(4) CAIR NO<sub>x</sub> Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NO<sub>x</sub> Ozone Season Allowance Tracking System accounts in accordance with 40 CFR Part 98, Subparts FFFF and GGGG.

(5) A CAIR NO<sub>x</sub> Ozone Season allowance is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the CAIR NO<sub>x</sub> Ozone Season Trading Program. No provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program, the CAIR Part, or an exemption under 40 CFR 98.305 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.

(6) A CAIR NO<sub>x</sub> Ozone Season allowance does not constitute a property right.

(7) Upon recardation by the Administrator under 40 CFR Part 98, Subpart EEEE, FFFF or GGGG, every allocation, transfer, or deduction of a

**SECTION V. CAIR PART FORM**  
**CLEAN AIR INTERSTATE RULE PROVISIONS**

CAIR NO<sub>x</sub> Ozone Season allowance to or from a CAIR NO<sub>x</sub> Ozone Season unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO<sub>x</sub> Ozone Season unit.

Plant Name (from STEP 1)	Midulla Generating Station
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**STEP 3.**  
**Continued**

Excess Emissions Requirements.

If a CAIR NO<sub>x</sub> Ozone Season source emits NO<sub>x</sub> during any control period in excess of the CAIR NO<sub>x</sub> Ozone Season emissions limitation, then:

(1) The owners and operators of the source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall surrender the CAIR NO<sub>x</sub> Ozone Season allowances required for deduction under 40 CFR 98.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 98, Subpart AAAA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.

(i) The certificate of representation under 40 CFR 98.313 for the CAIR designated representative for the source and each CAIR NO<sub>x</sub> Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 98.113 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 98, Subpart HHHH, of this part, provided that to the extent that 40 CFR Part 98, Subpart HHHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO<sub>x</sub> Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO<sub>x</sub> Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO<sub>x</sub> Ozone Season Trading Program.

(2) The CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall submit the reports required under the CAIR NO<sub>x</sub> Ozone Season Trading Program, including those under 40 CFR Part 98, Subpart HHHH.

Liability.

(1) Each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit shall meet the requirements of the CAIR NO<sub>x</sub> Ozone Season Trading Program.

(2) Any provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program that applies to a CAIR NO<sub>x</sub> Ozone Season source or the CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season source shall also apply to the owners and operators of such source and of the CAIR NO<sub>x</sub> Ozone Season units at the source.

(3) Any provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program that applies to a CAIR NO<sub>x</sub> Ozone Season unit or the CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.


No provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 98.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO<sub>x</sub> Ozone Season source or CAIR NO<sub>x</sub> Ozone Season unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**STEP 4**

**Certification (for designated representative or alternate designated representative only)**

**Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.**

I am authorized to make this submission on behalf of the owners and operators of the CAIR source or CAIR units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Mike Roddy	Title Manager of Environmental Affairs (Alternate Designated Representative)
Company Owner Name Seminole Electric Cooperative, Inc.	
Phone (813) 739-1224	E-mail Address wmroddey@seminole-electric.com
Signature 	Date 3/28/08

**Friday, Barbara**

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**To:** moplanski@seminole-electric.com; WMRoddy@seminole-electric.com; Zhang-Torres  
**Cc:** Wider, Russell  
**Subject:** DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station  
**Attachments:** 0490340009WrittenNoticeofIntent.pdf; 0490340009CAIRSOBReformatMidulla.pdf; 0490340009MidullaPublicNoticeCAIR.pdf; 0490340009MidullaRevisedCairPart.pdf; 0490340009PECertificationPage.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html> <<http://www.adobe.com/products/acrobat/readstep.html>> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

5/16/2008

## Friday, Barbara

---

**From:** System Administrator  
**To:** Wider, Russell; Zhang-Torres  
**Sent:** Friday, May 16, 2008 11:10 AM  
**Subject:** Delivered:DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station

Your message ..

**To:** 'moplanski@seminole-electric.com'; 'WMRoddy@seminole-electric.com'; Zhang-Torres  
**Cc:** Wider, Russell  
**Subject:** DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station  
**Sent:** 5/16/2008 11:10 AM

was delivered to the following recipient(s):

Wider, Russell on 5/16/2008 11:10 AM  
Zhang-Torres on 5/16/2008 11:10 AM

## Friday, Barbara

---

**To:** Exchange Administrator  
**Subject:** RE: Delivery Status Notification (Relay)

-----Original Message-----

**From:** Exchange Administrator  
**Sent:** Friday, May 16, 2008 11:10 AM  
**To:** Friday, Barbara  
**Subject:** Delivery Status Notification (Relay)

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

moplanski@seminole-electric.com  
WMRoddy@seminole-electric.com

**Friday, Barbara**

---

**From:** Exchange Administrator  
**Sent:** Friday, May 16, 2008 11:13 AM  
**To:** Friday, Barbara  
**Subject:** Delivery Status Notification (Relay)

**Attachments:** ATT284589.txt; FW: DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station



ATT284589.txt  
(299 B)



FW: DRAFT/  
:OPOSED Title V Per

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

mopalinski@seminole-electric.com

**Friday, Barbara**

---

**From:** Mike Roddy [WMRoddy@seminole-electric.com]  
**Sent:** Friday, May 16, 2008 12:24 PM  
**To:** Friday, Barbara  
**Subject:** Re: DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV- Seminole Electric Cooperative, Inc. - Midulla Generating Station

>>> "Friday, Barbara" <Barbara.Friday@dep.state.fl.us> 5/16/2008 11:10  
>>> AM >>>

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

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Thank you,

DEP, Bureau of Air Regulation

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey <<http://survey.dep.state.fl.us/?refemail=Barbara.Friday@dep.state.fl.us>> . Thank you in advance for completing the survey.

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**\*\* NOTICE \*\***

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## Friday, Barbara

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**From:** Zhang-Torres  
**To:** Friday, Barbara  
**Sent:** Friday, May 16, 2008 12:04 PM  
**Subject:** Read: DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station

Your message

**To:** 'moplanski@seminole-electric.com'; 'WMRoddy@seminole-electric.com'; Zhang-Torres  
**Cc:** Wider, Russell  
**Subject:** DRAFT/PROPOSED Title V Permit Revision No.: 0490340-009-AV - Seminole Electric Cooperative, Inc. - Midulla Generating Station  
**Sent:** 5/16/2008 11:10 AM

was read on 5/16/2008 12:04 PM.



**Friday, Barbara**

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**From:** Forney.Kathleen@epamail.epa.gov  
**Sent:** Monday, June 02, 2008 1:58 PM  
**To:** Friday, Barbara  
**Subject:** Re: DRAFT/PROPOSED Title V Permit Revision No: 1070025-007-AV - Seminole Electric Cooperative, Inc. - Seminole Generating Station

thanks

-----  
Katy R. Forney  
Air Permits Section  
EPA - Region 4  
61 Forsyth St., SW  
Atlanta, GA 30303

Phone: 404-562-9130  
Fax: 404-562-9019

"Friday,  
Barbara"  
<Barbara.Friday@  
dep.state.fl.us>

05/29/2008 01:40  
PM

To  
<mopalinski@seminole-electric.com  
>,  
<WMRoddy@seminole-electric.com>,  
Kathleen Forney/R4/USEPA/US@EPA,  
"Kirts, Christopher"  
<Christopher.Kirts@dep.state.fl.us>  
s>

cc

"Wider, Russell"  
<Russell.Wider@dep.state.fl.us>  
Subject  
DRAFT/PROPOSED Title V Permit  
Revision No: 1070025-007-AV -  
Seminole Electric Cooperative,  
Inc. - Seminole Generating  
Station

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

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The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be

## Friday, Barbara

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**From:** Wider, Russell  
**To:** Friday, Barbara  
**Sent:** Sunday, June 01, 2008 12:39 PM  
**Subject:** Read: DRAFT/PROPOSED Title V Permit Revision No: 1070025-007-AV - Seminole Electric Cooperative, Inc. - Seminole Generating Station

Your message

**To:** 'mopalinski@seminole-electric.com'; 'WMRoddy@seminole-electric.com'; 'Forney.Kathleen@epamail.epa.gov'; Kirts, Christopher  
**Cc:** Wider, Russell  
**Subject:** DRAFT/PROPOSED Title V Permit Revision No: 1070025-007-AV - Seminole Electric Cooperative, Inc. - Seminole Generating Station  
**Sent:** 5/29/2008 1:40 PM

was read on 6/1/2008 12:39 PM.