

Florida Department of Environmental Protection

Memorandum

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation *TV*
FROM: Jon Holtom, Title V Section *JH*
DATE: 8/8/08
SUBJECT: Air Permit No. 0970001-009-AV
Kissimmee Utility Authority
Roy B. Hansel Power Facility
Allowable Fuel Project

The Final Permit for this project is attached for your approval and signature. This Title V permit revision has been processed to include the terms and conditions of permit No. 0970001-008-AC, which eliminated fuel oil as an allowable fuel and removed inlet fogging as a recognized method of operation.

There were no comments from EPA in response to the Proposed permit during their 45-day review period.

I recommend your approval of the attached Final Permit for this project.

Attachments

NOTICE OF FINAL PERMIT

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

Kissimmee Utility Authority
P.O. Box 423219
Kissimmee, Florida 34742-3219

Authorized Representative:

Mr. Larry Mattern, Vice President of Power Supply

Air Permit No. 0970001-009-AV
Roy B. Hansel Power Facility
Allowable Fuel Project
Osceola County

Enclosed is final permit No. 0970001-009-AV. This Title V air operation permit revision is being issued to incorporate the requirements of air construction permit No. 0970001-008-AC related to inlet fogging and to remove the fuel oil firing conditions from Title V permit No. 0970001-007-AV. The existing facility is located at 102 Lakeshore Boulevard, Kissimmee, Osceola County, Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

TLV/jh

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination) was sent by electronic mail with received receipt requested to the persons listed below:

Mr. Larry Mattern, Kissimmee Utility Authority (lmattern@kua.com)
Mr. Mike Halpin, Siting Office (Mike.Halpin@dep.state.fl.us)
Mr. Alan Zahm, Central District Office (Alan.Zahm@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)

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.

 8/11/08
(Clerk) (Date)

FINAL DETERMINATION

PERMITTEE

Kissimmee Utility Authority
P.O. Box 423219
Kissimmee, Florida 34742-3219

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, Title V Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 0970001-009-AV
Roy B. Hansel Power Facility

This Title V air operation permit revision is being issued to incorporate the requirements of air construction permit No. 0970001-008-AC related to inlet fogging and to remove the fuel oil firing conditions from Title V permit No. 0970001-007-AV.

COMMENTS

No comments were received from the USEPA during their 45 day review period of the Proposed Permit.

It was noted during the processing of the Final permit that the Draft and Proposed permits mentioned inclusion of the Clean Air Interstate Rule (CAIR) requirements as part of this revision. However, the CAIR part revision was processed separately as permit No. 0970001-010-AV and is not a part of this revision. All references to the CAIR part have been removed from these Final permit documents. In addition, pursuant to Rule 62-213.420(1)(a)2., Florida Administrative Code, the renewal application submittal date has been changed from July 30, 2011 to June 19, 2011.

CONCLUSION

The final action of the Department is to issue the permit with the minor revisions, corrections, and clarifications as described above.

STATEMENT OF BASIS

FACILITY DESCRIPTION

Kissimmee Utility Authority operates a power generating facility in Osceola County located at 102 Lakeshore Boulevard in Kissimmee, Florida. The UTM map coordinates are Zone 17, 460.1 E, and 3129.3 N. The facility includes one 30.9 MW combined cycle combustion turbine with an unfired heat recovery steam generator and two 0.5 MW steam turbines which utilize steam produced by recovering waste heat from the combustion turbine exhaust gases. Emissions of nitrogen oxides (NO_x) are controlled by using low nitrogen content fuels and water injection.

PRIMARY REGULATORY REQUIREMENTS

The existing facility is:

- A Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.);
- A major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality;
- Not a major source of hazardous air pollutants (HAP);
- Subject to the New Source Performance Standards (NSPS) in 40 CFR 60 for: Subpart A (General Provisions) and Subpart GG (Stationary Gas Turbines) as adopted by reference in Rule 62-204.800 F.A.C.;
- Not subject to any National Emissions Standards for Hazardous Air Pollutants (NESHAP) in 40 CFR 63;
- Not subject to the Title IV Acid Rain provisions of the Clean Air Act (CAA); and
- Subject to Clean Air Interstate Rule (CAIR) in 40 CFR 96, as adopted by reference in 62-204.800, F.A.C.

PROJECT DESCRIPTION

On January 7, 2008, the applicant submitted a combined AC/AV application to revise air permit AC49-7856 and concurrently revise Title V permit 0970001-007-AV. The applicant requested that fuel oil be deleted as an authorized fuel for this facility and that related conditions be revised to reflect this change. The applicant also requested that the CAIR requirements be included in the permit.

A Compliance Assurance Monitoring (CAM) plan is not required for the water injection system because compliance is determined by calculating NO_x emissions based on the correlation curve developed as described in 40 CFR 75 Appendix E.

PROJECT REVIEW

There were numerous conditions in AC49-7856 and 0970001-007-AV that related to or were required by the facility's ability to fire No. 2 fuel oil as an authorized fuel. The details of these revisions are included in the technical evaluation and preliminary determination for the draft air construction permit 0970001-008-AC. These revisions include: removing oil as an authorized fuel; revising hours of operation to exclude inlet air fogging; deleting inapplicable limits related to firing fuel oil; continuous monitoring systems changes; and testing frequency changes.

Conditions changed as part of this revision are: A1, A2, A3, A7, A8, A11, A12, A17, A23, A25, A35, A38, A39, and A43.

New conditions created as part of this revision are: A44.

The requested CAIR part revision was processed as a separate project.

STATEMENT OF BASIS

CONCLUSION

This project revises Title V air operation permit No. 0970001-007-AV, which was issued on May 4, 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.

Kissimmee Utility Authority
Roy B. Hansel Power Facility
Facility ID No.: 0970001
Osceola County

Title V Air Operation Permit Revision
Final Permit No. 0970001-009-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0144
Fax: 850/922-6979

Compliance Authority:

Florida Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/893-3335
Fax: 407/897-5963

Title V Air Operation Permit Revision
Kissimmee Utility Authority
Roy B. Hansel Power Facility
Final Permit Revision No. 0970001-009-AV

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Florida Department of Environmental Protection

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2600 Blair Stone Road
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Jeff Kottkamp
Lt. Governor

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Secretary

Permittee:

Kissimmee Utility Authority
P. O. Box 423219
Kissimmee, Florida 34742-3219

Final Permit No. 0970001-009-AV

Facility ID No. 0970001

SIC Nos.: 49

Project: Title V Air Operation Permit Revision

This permit revises Title V air operation permit No. 0970001-007-AV for the Roy B. Hansel Power Facility located at 102 Lakeshore Boulevard, Osceola County; UTM Coordinates: Zone 17, 460.1 km East and 3129.2 km North; Latitude: 28° 17' 20" North and Longitude: 81° 24' 20" West. This permit revision incorporates the specific conditions of air construction permit No. 0970001-008-AC, which authorized the removal of fuel oil as an allowable fuel.

STATEMENT OF BASIS: This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities

APPENDIX TV-6, TITLE V CONDITIONS

APPENDIX SS-1, STACK SAMPLING FACILITIES

Table 297.310-1, CALIBRATION SCHEDULE

Figure 1, Summary Report – Gaseous and Opacity Excess Emissions and Monitoring System Performance

Effective Date: May 1, 2007

Revision Effective Date: July 24, 2008

Renewal Application Due Date: June 19, 2011

Expiration Date: January 30, 2012

Joe Kahn, Director

Division of Air Resource Management

JK/tlv/jh

Section I. Facility Information.

Subsection A. Facility Description.

This facility includes one 30.9 MW combined cycle combustion turbine with an unfired heat recovery steam generator and two 9.5 MW steam turbines which utilize steam produced by recovering waste heat from the combustion turbine exhaust gases. Emissions of nitrogen oxides (NO_x) are controlled by using low nitrogen content fuels and water injection.

Also included in this permit are miscellaneous insignificant emission units and/or activities.

Based on the initial Title V permit application received June 14, 1996, the revised Title V application received October 13, 2000, and the Title V permit renewal application received July 26, 2006 this facility is **not** a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s) and Brief Description(s).

E.U. ID No./Brief Description

001 Combined Cycle Combustion Turbine

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History/ID Number Changes

These documents are on file with permitting authority:

Initial Title V Permit Application received June 14, 1996

Permit Application for a Modification received December 6, 1999

Revised Title V Permit Application received October 13, 2000

Renewal Title V Permit Application received July 30, 2001

Renewal Title V Permit Application received July 26, 2006

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-6, TITLE V CONDITIONS are a part of this permit.
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity).
[Rule 62-296.320(4)(b)1., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA).
 - a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:
RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, Maryland 20703-1515
Telephone: 301/429-5018
 - b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.
[40 CFR 68]
5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. To comply, procedures to minimize pollutant emissions shall include the following:
 - a. Tightly cover or close all VOC containers when they are not in use;
 - b. Tightly cover, where possible, all open troughs, basins, baths, tanks, etc.;
 - c. Maintain all piping, valves, fittings, etc. in good operating condition;
 - d. Prevent excessive air turbulence across exposed VOC; and
 - e. Immediately confine and clean up spills of VOC containing materials.
[Rule 62-296.320(1)(a), F.A.C.]

7. Emissions of Unconfined Particulate Matter. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a. Chemical or water application to unpaved roads and unpaved yard areas;
- b. Paving and maintenance of roads, parking areas and yards;
- c. Landscaping or planting of vegetation; and
- d. Other techniques, as necessary.

[Rule 62-296.320(4)(c)2., F.A.C.]

8. When appropriate, any recordings, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

9. The permittee shall submit all compliance related notifications and reports required of this permit to the air compliance section of this office:

Florida Department of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803
Telephone: 407/893-3336
Fax: 407/897-5963

10. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air & EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155
Fax: 404/562-9163

11. Annual Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the air compliance section of this office and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.

[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting note: This condition implements the requirements of Rules 62-213.440(3)(a)2.&3., F.A.C. (see Condition 51 of APPENDIX TV-6, TITLE V CONDITIONS)}

12. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information. [Rule 62.213.420(4), F.A.C.]

13. Annual Operating Report. A DEP Form No. 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" including the Emissions Report, shall be completed for each calendar year **on or before March 1** of the following year and submitted to the air compliance section of this office.
[Rule 62-210.370(3), F.A.C.]

14. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of the air permit application, DEP Form No. 62-210.900(1).
[Rule 62-4.090(1), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
001	Combined Cycle Combustion Turbine

{Permitting note: This emission unit is regulated under NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(7), F.A.C.; Rule 212.400, F.A.C., Prevention of Significant Deterioration (PSD) and Best Available Control Technology (BACT) Determination, dated October 5, 1981.}

The following conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A1. Capacity. The maximum fuel input to the emission unit shall not exceed 0.491 million cubic feet/hour (4301.2 million cubic feet per any consecutive 12-month period) for natural gas.

[Rule 62-210.200, (PTE), F.A.C. and construction permit Nos. AC49-74856 & 0970001-008-AC]

A2. Methods of Operation - Fuels. Only natural gas shall be fired in the emission unit.

[Rule 62-210.200, (PTE), F.A.C., Title V application received June 14, 1996 and permit No. 0970001-008-AC]

A3. Hours of Operation. This combined cycle combustion turbine is allowed to operate continuously.

[Rule 62-210.200, (PTE), F.A.C. and construction permits AC49-74856, 0970001-003-AC and 0970001-008-AC]

A4. Emissions Unit Operating Rate Limitation After Testing. See specific condition No. A30.

[Rule 62-297.310(2), F.A.C.]

Emission Limitations and Standards

A5. Visible emissions from the turbine shall not exceed 20% opacity. Visible emissions from the boilers shall not exceed 20% opacity except that up to 40% opacity is permitted for not more than two minutes in any hour.

[Best Available Control Technology (BACT) Determination dated October 5, 1981, and construction permit AC49-74856]

A6. Particulate matter (PM) emissions from the turbine shall not exceed 22 pounds/hour.

[BACT Determination dated October 5, 1981, and construction permit AC49-74856]

A7. Sulfur dioxide (SO₂) emissions from the turbine shall not exceed 255 pounds/hour.

[BACT Determination dated October 5, 1981, NSPS, and construction permits AC49-74856 & 0910001-008-AC]

A8. Nitrogen oxides emissions from the turbine shall not exceed 79 ppmvd at 15% oxygen (O₂) ISO.

[BACT Determination dated October 5, 1981 and construction permits AC49-74856 & 0970001-008-AC]

A9. Volatile organic compound (VOC) emissions from the turbine shall not exceed 19 pounds/hour.

[BACT Determination dated October 5, 1981 and construction permit AC49-74856]

A10. Carbon monoxide (CO) emissions from the turbine shall not exceed 80 pounds/hour.
[BACT Determination dated October 5, 1981 and construction permit AC49-74856]

A11. <Reserved>
[Permit 0970001-008-AC]

A12. <Reserved>
[Permit 0970001-008-AC]

Excess Emissions

A13. Excess emissions from this emissions unit resulting from startup, shutdown or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A14. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

A15. In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

Monitoring of Operations

A16. At all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [40 CFR 60.11(d)]

A17. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG and using water injection to control NO_x emissions shall install and operate a continuous monitoring system (CMS) to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within ± 5.0 percent and shall be approved by the Administrator. [40 CFR 60.334(a) and permit 0970001-008-AC]

A18. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG shall monitor sulfur content and nitrogen content of the fuel being fired in the turbine. The frequency of determination of these values shall be as follows:

(a) If the turbine is supplied its fuel from a bulk storage tank, the values shall be determined on each occasion that fuel is transferred to the storage tank from any other source.

(b) If the turbine is supplied its fuel without intermediate bulk storage the values shall be determined and recorded daily. Owners, operators or fuel vendors may develop custom schedules for determination of the values

based on the design and operation of the affected facility and the characteristics of the fuel supply. These custom schedules shall be substantiated with data and must be approved by the Administrator before they can be used to comply with 40 CFR 60.334(b). [40 CFR 60.334(b)(1) and (2)]

A19. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

Test Methods and Procedures

A20. Visible Emissions. The test method for VE shall be EPA Method 9, incorporated by reference in Chapter 62-297, F.A.C.

[Rules 62-213.440, 62-297.310, and 62-297.401, F.A.C.; and construction permit AC49-74856]

A21. Particulate matter. The test methods for PM emissions shall be EPA Method 5, incorporated by reference in Chapter 62-297, F.A.C. A VE test using EPA Method 9 will be acceptable and stack testing for PM is waived if the opacity is less than 10%.

[Rules 62-213.440, 62-297.310, and 62-297.401, F.A.C.; and construction permit AC49-74856]

A22. To compute the NO_x emissions, the owner or operator shall use analytical methods and procedures that are accurate to within 5 percent and are approved by the Department to determine the nitrogen content of the fuel being fired.

[40 CFR 60.335(a)]

A23. For purposes of demonstrating compliance with NSPS - 40 CFR 60, Subpart GG, the monitoring device installed to comply with 40 CFR 75, Appendix E, will monitor fuel consumption and water-to-fuel ratio.

[40 CFR 60.335(c)(2) and permit 0970001-008-AC]

A24. Nitrogen Oxides and Sulfur Dioxide. The owner or operator shall determine compliance with the NO_x and SO₂ standards in 40 CFR 60.332 as follows: U.S. EPA. Method 20 (40 CFR 60, Appendix A) shall be used to determine the NO_x, SO₂, and O₂ concentrations. The span values shall be 300 ppm of NO_x and 21 percent O₂. The NO_x emissions shall be determined at each of the load conditions specified in 40 CFR 60.335(c)(2). The sampling site shall be located between the turbine and the boiler.

[40 CFR 60.335(c)(3) and construction permit AC49-74856]

A25. <Reserved> [Permit 0970001-008-AC]

A26. To meet the requirements of 40 CFR 60.334(b), the owner or operator shall use the methods specified in 40 CFR 60.335(a) and 40 CFR 60.335(d) to determine the nitrogen and sulfur contents of the fuel being burned. The analysis may be performed by the owner or operator, a service contractor retained by the owner or operator, the fuel vendor, or any other qualified agency.

[40 CFR 60.335(e)]

A27. Volatile organic compound. Compliance with the VOC standard shall be assumed provided the CO allowable emission rate is achieved.
[Construction permit AC49-74856]

A28. Carbon monoxide. Compliance with the CO standard shall be demonstrated using EPA Method 10.
[Rules 62-213.440, 62-297.310, and 62-297.401, F.A.C.; and construction permit AC49-74856]

A29. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.
[Rule 62-297.310(1), F.A.C.]

A30. Operating Rate During Testing.

Testing of emissions shall be conducted with the emission unit operating at permitted capacity. Capacity is defined as 95-100 percent of the manufacturer's rated heat input achievable for the average ambient (or conditioned) air temperature during the test. If it is impracticable to test at capacity, then sources may be tested at less than capacity. In such cases, the entire heat input vs. inlet temperature curve will be adjusted by the increment equal to the difference between the design heat input value and 105 percent of the value reached during the test. Data, curves, and calculations necessary to demonstrate the heat input rate correction at both design and test conditions shall be submitted to the Department with the compliance test report.

A31. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.

b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements,

shall be established as necessary to properly establish the relationship between a FINAL surrogate standard and an existing mass emission limiting standard.

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in TABLE 297.310-1, CALIBRATION SCHEDULE (attached).

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

A32. The permittee shall comply with the requirements contained in APPENDIX SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A33. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

a. Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 -- September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

a. Visible emissions, if there is an applicable standard;

b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and

c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

10. An annual compliance test conducted for VE shall not be required for units exempted from permitting at Rule 62-210.300(3)(a), F.A.C., or units permitted under the General Permit provisions at Rule 62-210.300(4), F.A.C.

(b) **Special Compliance Tests.** When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) **Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a baghouse or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.]

A34. Frequency of Compliance Tests. General Compliance Testing. Any combustion turbine that does not operate for more than 400 hours per year shall conduct a VE compliance test once per each five-year period, coinciding with the term of its air operation permit.
[Rule 62-297.310(7)(a)8., F.A.C.]

A35. Frequency of Compliance Tests. Compliance testing for PM, SO₂, NO_x, and CO emissions from this combustion turbine is required prior to permit renewal. If the combustion turbine fails to qualify as a 40 CFR 75, Appendix E unit during any calendar year, compliance testing for PM, SO₂, NO_x, and CO must be conducted during the first 90 days of the following calendar year.

[Rule 62-297.310(7)(a)3., 4., and 5., F.A.C. and construction permits AC49-74856 & 0970001-008-AC]

A36. At least 15 days prior to the date on which each formal compliance test is due to begin, the permittee shall provide written notification of the test to the air compliance section of this office. The notification must include the following information: the date, time and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test. [Rule 62-297.310(7)(a)9, F.A.C.]

A37. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.

4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rule 62-297.310(8), F.A.C.]

Record Keeping and Reporting Requirements

A38. For the purpose of reports required under 40 CFR 60.7(c), periods of excess emissions that shall be reported are defined as follows: Nitrogen oxides. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with the permitted nitrogen oxide standard by the initial performance test required in 40 CFR 60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the initial performance test. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under 40

CFR 60.335(a). In lieu of these procedures, the permittee may follow the methodology in 40 CFR 75, Appendix E. Completion of either set of excess emissions procedures shall fulfill compliance with this specific condition. [Rule 62-296.800, F.A.C.; 40 CFR 60.334(c)(1); and, permit 0970001-008-AC]

A39. The owner or operator required to install a continuous monitoring system (CMS) or monitoring device shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form [see 40 CFR 60.7(d)] to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or, the CMS data are to be used directly for compliance determination, in which case quarterly reports shall be submitted; or, the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each calendar half (or quarter, as appropriate). Written reports of excess emissions shall include the following information:

(a) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), or 40 CFR 75 Appendix E, any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.

(b) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.

(c) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.

(d) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.

[40 CFR 60.7(c)(1), (2), (3), and (4); and, permit 0970001-008-AC]

A40. The summary report form shall contain the information and be in the format shown in FIGURE 1 - SUMMARY REPORT-GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.

(a) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.

(b) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.

[40 CFR 60.7(d)(1) and (2)]

A41. (a) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

1. For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;

2. The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and,

3. The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2).

(b) The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the sources potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(c) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) and (e)(2).

[40 CFR 60.7(e)]

A42. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A43. In order to demonstrate compliance with conditions no. A1, A2, and A3, the permittee shall maintain a log at the facility. The log shall contain the following:

Monthly

a) month

b) consecutive 12-month total of fuel usage and heat input rates.

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.; and permit 0970001-008-AC]

A44. Loss of peaking status. If, at the end of any calendar year or ozone season, the unit's operations exceed the levels required to be a peaking unit, the owner or operator shall install and certify a NO_x – diluent monitoring system no later than December 31st of the following year. A combustion unit is defined as a peaking unit if it has an average annual capacity factor of 10.0 percent or less over the past three years and an annual capacity factor of 20.0 percent or less in each of those three years. Capacity factor is defined in §72.2 as either (1) the ratio of the unit's actual annual electrical output to the nameplate capacity times 8760, or (2) the ratio of the unit's actual annual heat input to the maximum design heat input times 8760. The ozone season capacity factor is calculated in the same basic way as the annual capacity factor, except that the ozone season heat input or electrical output is used in the calculation and 8760 is replaced with 3672.

[40 CFR 75 Appendix E and permit 0970001-008-AC]

Friday, Barbara

To: lattern@kua.com; Halpin, Mike; Zahm, Alan; Forney.Kathleen@epamail.epa.gov
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT;
0970001-009-AV

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the document(s) provided in this email; 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).

This is the official notification of the Final Permit Revision and its associated documents for the following project:

Attention: Jonathan Holtom

Owner/Company Name: KISSIMMEE UTILITY AUTHORITY
Facility Name: KUA - ROY B HANSEL POWER PLANT
Project Number: 0970001-009-AV
Permit Status: FINAL
Permit Activity: PERMIT REVISION
Facility County: OSCEOLA

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0970001.009.AV.F_pdf.zip

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. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> <<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> .

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Thank you,

Barbara Friday

Bureau of Air Regulation

(850)921-9524

8/11/2008

Friday, Barbara

From: Larry Mattern [LMATTERN@kua.com]
To: Friday, Barbara
Sent: Monday, August 11, 2008 2:41 PM
Subject: Read: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: LMATTERN@kua.com
Subject:

was read on 8/11/2008 2:41 PM.

Friday, Barbara

From: Larry Mattern [LMATTERN@kua.com]
Sent: Monday, August 11, 2008 2:38 PM
To: Friday, Barbara
Subject: RE: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Received

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

From: Friday, Barbara <Barbara.Friday@dep.state.fl.us>
Sent: Monday, August 11, 2008 1:55 PM
To: lmattern@kua.com <lmattern@kua.com>; Halpin, Mike <Mike.Halpin@dep.state.fl.us>; Zahm, Alan <Alan.Zahm@dep.state.fl.us>; Forney.Kathleen@epamail.epa.gov <Forney.Kathleen@epamail.epa.gov>
Cc: Holtom, Jonathan <Jonathan.Holtom@dep.state.fl.us>; Gibson, Victoria <Victoria.Gibson@dep.state.fl.us>
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the document(s) provided in this email; 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).

This is the official notification of the Final Permit Revision and its associated documents for the following project:

Attention: Jonathan Holtom

Owner/Company Name: KISSIMMEE UTILITY AUTHORITY Facility Name: KUA - ROY B HANSEL POWER PLANT Project Number: 0970001-009-AV Permit Status: FINAL Permit Activity: PERMIT REVISION Facility County: OSCEOLA

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0970001.009.AV.F_pdf.zip

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. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at
<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>>
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>>
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> > .

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Thank you,

Barbara Friday

Bureau of Air Regulation

(850)921-9524

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

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survey: <http://survey.dep.state.fl.us/?refemail=Barbara.Friday@dep.state.fl.us> Thank you in advance for completing the survey.

Friday, Barbara

From: System Administrator
To: Halpin, Mike; Holtom, Jonathan
Sent: Monday, August 11, 2008 1:52 PM
Subject: Delivered:Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: 'lmattem@kua.com'; Halpin, Mike; Zahm, Alan; 'Forney.Kathleen@epamail.epa.gov'
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV
Sent: 8/11/2008 1:52 PM

was delivered to the following recipient(s):

Halpin, Mike on 8/11/2008 1:52 PM
Holtom, Jonathan on 8/11/2008 1:52 PM

Friday, Barbara

From: System Administrator
To: Zahm, Alan; Gibson, Victoria
Sent: Monday, August 11, 2008 1:52 PM
Subject: Delivered: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: 'lmattern@kua.com'; Halpin, Mike; Zahm, Alan; 'Forney.Kathleen@epamail.epa.gov'
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV
Sent: 8/11/2008 1:52 PM

was delivered to the following recipient(s):

Zahm, Alan on 8/11/2008 1:52 PM
Gibson, Victoria on 8/11/2008 1:52 PM

Friday, Barbara

From: Exchange Administrator
Sent: Monday, August 11, 2008 1:52 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT164474.txt; Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL
POWER PLANT; 0970001-009-AV



ATT164474.txt
(283 B)



Notice of FINAL
PERMIT REVISIO...

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.

lmattern@kua.com

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive02.rtp.epa.gov]
Sent: Monday, August 11, 2008 1:52 PM
To: Friday, Barbara
Subject: Successful Mail Delivery Report

Attachments: Delivery report; Message Headers



Delivery report.txt
(499 B)

Message
Headers.txt (2 KB)

This is the mail system at host mseive02.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250
OK, sent 48A07C4D_830_1805_9 387D11DC00D

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Monday, August 11, 2008 1:57 PM
Subject: Read: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: 'lattern@kua.com'; Halpin, Mike; Zahm, Alan; 'Forney.Kathleen@epamail.epa.gov'
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV
Sent: 8/11/2008 1:52 PM

was read on 8/11/2008 1:57 PM.

Friday, Barbara

From: Halpin, Mike
Sent: Monday, August 11, 2008 1:55 PM
To: Friday, Barbara
Subject: Delivered: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Attachments: ATT164500.txt



ATT164500.txt
(153 B)

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Friday, Barbara

From: Halpin, Mike
To: Friday, Barbara
Sent: Monday, August 11, 2008 1:57 PM
Subject: Read: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: 'lattern@kua.com'; Halpin, Mike; Zahm, Alan; 'Forney.Kathleen@epamail.epa.gov'
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV
Sent: 8/11/2008 1:52 PM

was read on 8/11/2008 1:57 PM.

Friday, Barbara

From: Holtom, Jonathan
To: Friday, Barbara
Sent: Monday, August 11, 2008 3:26 PM
Subject: Read: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV

Your message

To: 'lmattem@kua.com'; Halpin, Mike; Zahm, Alan; 'Forney.Kathleen@epamail.epa.gov'
Cc: Holtom, Jonathan; Gibson, Victoria
Subject: Notice of FINAL PERMIT REVISION ISSUANCE: KUA - ROY B HANSEL POWER PLANT; 0970001-009-AV
Sent: 8/11/2008 1:52 PM

was read on 8/11/2008 3:26 PM.