

Bryan W. Shaw, Ph.D., *Chairman*
Carlos Rubinstein, *Commissioner*
Toby Baker, *Commissioner*
Zak Covar, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Bridget Bohac, Chief Clerk
Texas Commission on Environmental Quality
Office of the Chief Clerk (MC-105)
P.O. Box 13087
Austin, Texas 78711-3087

RE: Lower Colorado River Authority; TCEQ Docket No. 2012-2138-AIR

Dear Ms. Bohac:

Enclosed is a copy of the following documents for inclusion in the background material for the Commissioner's Agenda scheduled for this permit application:

- Permit issuance cover letter; and
- A copy of the draft permit Special Conditions; and
- Maximum Allowable Emission Rate Table (MAERT); and
- The summary of the technical review of the permit application; and
- The compliance summary of the Applicant.

Please do not hesitate to call me at 512-239-0466 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Janis Boyd Hudson".

Janis Boyd Hudson
Staff Attorney
Texas Commission on Environmental Quality
Environmental Law Division

Bryan W. Shaw, Ph.D., *Chairman*
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

December 5, 2012

MR ANDREW VALENCIA
MANAGER POWER AND GAS OPERATIONS
LOWER COLORADO RIVER AUTHORITY
P.O. BOX 220
AUSTIN TX 78767

Re: Permit Amendment Application
Permit Number: 51770
Electric Generating Plant
La Grange, Fayette County
Regulated Entity Number: RN100226844
Customer Reference Number: CN600253637
Account Number: FC-0018-G
Associated Permit Number: PSDTX486M3

Dear Mr. Valencia:

This is in response to your letter received January 31, 2011 and your Form PI-1 (General Application for Air Preconstruction Permits and Amendments) concerning the proposed amendment to Permit Number 51770.

Your permit is hereby amended. Enclosed are revised special conditions pages and a maximum allowable emission rates table to replace those currently attached to your permit. We appreciate your careful review of the special conditions of the permit and assuring that all requirements are consistently met.

No planned maintenance, startup, and shutdown emissions have been reviewed or represented in this application and none are authorized by this permit.

Your cooperation in this matter is appreciated. If you need further information or have any questions, please contact Mr. Erik Hendrickson, P.E. at (512) 239-1095, or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Andrew Valencia
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December 5, 2012

Re: Permit Number: 51770

Sincerely,

Bryan W. Shaw, Ph.D.
Chairman
Texas Commission on Environmental Quality

BWS/MPW/eh

Enclosures

cc: Air Section Manager, Region 11 - Austin
Air Permits Section Chief, New Source Review, Section (6PD-R), U.S. Environmental
Protection Agency, Region 6, Dallas

Project Number: 163053

Special Conditions

Permit Numbers 51770 and PSDTX486M3

1. This permit covers those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and those sources are limited to the emission limits and other conditions specified in the attached table.

Federal Applicability

2. These facilities shall comply with applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Standards of Performance for New Stationary Sources (NSPS), Subpart A, D (Unit Nos. 1 and 2), Da (Unit No. 3), and IIII (engines). These facilities shall comply with applicable requirements of the U.S. EPA regulations in Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP), Subpart A, ZZZZ (diesel engines), UUUUU (Unit Nos. 1, 2, and 3). If any condition of this permit is more stringent than the regulations so incorporated, then for the purposes of complying with this permit, the permit shall govern and be the standard by which compliance shall be demonstrated. **(12/12)**
3. The permit holder will voluntarily limit emissions of oxides of nitrogen (NO_x) to a combined total of 9,522 tons per year (tpy) from the Sam Seymour Power Plant. The permit holder further agrees to make the 9,522 tpy limits between Sam Seymour Units 1, 2, and 3 federally enforceable with this permit condition. **(2/06)**

Fuel Specifications and Limitations

4. The following fuels shall be authorized to be burned in all three boilers:
 - A. Lignite and/or subbituminous coal and various other coals with a maximum ash content of 28.11 percent by weight and with trace element concentrations that do not exceed those concentrations identified in Attachment A.
 - B. Fuel oil and natural gas with trace element concentrations that do not exceed those concentrations identified in Attachment A.
 - C. Oil-contaminated Class I Industrial Wastes generated on-site at the Fayette Power Project (FPP) as represented in the amendment application dated October 28, 1995. No Resource Conservation and Recovery Act (RCRA) hazardous waste streams shall be burned in any of the three Boilers.

SPECIAL CONDITIONS

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- D. Water from ash storage ponds on-site at the FPP as represented in the amendment applications dated October 2, 1987.
 - E. Mixtures of the above fuels provided there will not be an exceedance of the maximum allowable emission limits.
 - F. The use of any other fuels not identified above will require prior notification to the Texas Commission on Environmental Quality (TCEQ) Regional Office. The notification shall include sufficient documentation to demonstrate that any new fuels burned will not cause an exceedance of the maximum allowable emission limits. At the request of the Executive Director of the TCEQ, the holder of this permit may be asked to provide additional information, perform air dispersion modeling, stack sampling, or other testing, as required, to establish that air contaminants resulting from the firing of new fuels not identified above are protective of human health and the environment.
5. Approved oil-contaminated wastes are limited to the following maximum feed rates:
- A. Fifteen tpy of coal and dirt contaminated with fuel or hydraulic oils.
 - B. Fifteen tpy of absorbent material, booms, and rags contaminated with fuel or hydraulic oil.
 - C. Forty tpy of sump waste contaminated with coal, dirt, fuel oil, lube oil, and/or hydraulic oil.
- Compliance with these feed rates is based on the calendar year.
6. Upon request by the Executive Director of the TCEQ or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuels fired in the boilers or shall allow air pollution control agency representatives to obtain a sample for analysis.
 7. Opacity of emissions from the Unit 1 and Unit 2 boiler stacks, Emission Point Nos. (EPNs) FPP-1 and FPP-2, shall not exceed 20 percent averaged over a six-minute period, except during periods of start-up, shutdown, upset, or maintenance. Opacity of emissions from the Unit 3 boiler stack, EPN 3-1B, shall not exceed 10 percent averaged over a six minute period, except during periods of start-up, shutdown, upset, or maintenance. Opacity shall be determined by the EPA Reference Method No. 9 during compliance stack sampling. Continuous demonstration of compliance with this special condition shall be with opacity monitors required by Special Condition No. 15.

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Material Handling Operational Requirements.

8. While loading dry fly ash into tarp-covered transport trucks and/or fully enclosed transport trucks, no visible emissions shall be observed for more than 20 percent of the time as determined by EPA Method No. 22. At the request of the TCEQ Regional Director, the use of tarp-covered trucks shall be terminated if it is determined that they cause excessive emissions.
9. Material handling not controlled by a telescopic discharge chute (maximum free fall of eight feet), baghouse, enclosure, or electrostatic precipitator shall be controlled, as necessary, by a wet dust suppression system.
10. All lignite and/or coal stockpiles shall be sprinkled with water and/or chemicals, as necessary, to achieve maximum control of dust emissions.

Implementation Schedule

11. All control upgrades implemented for facilities authorized by this permit shall be completed on a schedule to assure compliance with all short-term pound per hour (lb/hr) and annual TPY emission limits, as tabulated on the attached maximum allowable emission rates table (MAERT). The initial emission limits become effective upon issuance of this permit. The interim emissions limits become effective on May 1, 2005. The final emissions limits become effective no later than ten years from the date of issuance of this permit, except for the final NO_x emission limits which take effect no later than December 31, 2006. **(02/06)**

The holder of this permit is authorized to construct scrubbers for Unit Nos. 1 and 2, new stacks if necessary, and other ancillary equipment associated with the scrubbers. The holder of this permit is also authorized to construct equipment associated with future NO_x emission limits in the final emission limits. The holder of this permit shall forward to the staff of the TCEQ Air Permits Division more detailed engineering data on the additional NO_x controls, if necessary, that will be used to meet the final emission limits at least 180 days prior to start of construction of those NO_x controls. This information may be forwarded to the TCEQ in the form of a standard permit for pollution control projects pursuant to Title 30 Texas Administrative Code § 116.617 (30 TAC § 116.617).

After completion of the Implementation Schedule, the holder of this permit shall conduct sampling pursuant to Special Condition No. 13 and shall retain records to demonstrate continuing compliance with the emissions limits.

SPECIAL CONDITIONS

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The permit holder has completed construction of controls necessary to comply with the final emission rates identified in the attached Maximum Allowable Emission Rate Table and the permit holder has conducted sampling pursuant to Special Condition No. 13 that demonstrates compliance with emission limits. (12/12)

Compliance Stack Sampling

12. Sampling ports and platforms shall be incorporated into the design of all exhaust stacks according to the specifications set forth in the attachment entitled "Chapter 2, Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director or the TCEQ Air Permits Division in Austin.
13. At the request of the Executive Director of the TCEQ, the holder of this permit shall perform stack sampling and other testing, as required, to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from sources authorized by this permit. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with the appropriate EPA Reference Methods 201A and 202 or Method 5, modified to include back-half condensibles, for the concentration of particulate matter equal to or less than 10 microns in diameter (PM₁₀); Reference Method 8 or Reference Methods 6 or 6c for sulfur dioxide (SO₂); Reference 9 for opacity; Reference Method 10 for the concentration of carbon monoxide (CO); Reference Method 25A, modified to exclude methane and ethane, for the concentration of volatile organic compounds (VOC) (to measure total carbon as propane); and Reference Method 20 for the concentrations of NO_x and oxygen (O₂); or other equivalent methods approved by the Director of the TCEQ Air Permits Division in Austin or the TCEQ Regional Director.

Any deviations from those procedures must be approved by the Executive Director of the TCEQ prior to sampling. The TCEQ Executive Director or his designated representative shall be afforded the opportunity to observe all such sampling. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

- A. The TCEQ Austin Regional Office shall be contacted as soon as testing is scheduled but not less than 30 days prior to sampling to schedule a pretest meeting.

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The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions, or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Austin Regional Director or the TCEQ Air Permits Division in Austin shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards (NSPS) testing which must have the EPA approval shall be submitted to the TCEQ Air Permits Division in Austin.

- B. The holder of this permit shall perform stack sampling and other testing as required to establish the actual quantities of air contaminants being emitted into the atmosphere from EPNs FPP-1, FPP-2, and 3-1B following the installation of NO_x controls in 2005. The holder of this permit shall also perform stack sampling and other testing as required to establish the actual quantities of air contaminants being emitted into the atmosphere from EPNs FPP-1(FPP-1N) and FPP-2 (FPP-2N) following scrubber installation. Sampling of each boiler shall occur within 180 days after completion of initial NO_x controls on all boilers, completion of scrubber installation on FPP-1(FPP-1N) and FPP-2 (FPP-2N), and completion of any NO_x controls required to meet the final emission limits. Requests for an extension of this schedule shall be made in writing to and approved by the Director of the TCEQ Austin Regional Office. Additional sampling shall occur as may be required by the TCEQ or the EPA.
- C. The boilers shall be tested at their maximum firing rate or as close to a full firing rate as possible. The firing rate shall be identified in the sampling report. The permit holder shall present at the pretest meeting the manner in which stack sampling will be executed in order to demonstrate compliance with the emission limits and with the emission standards found in NSPS Subparts D and Da.

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- D. Air contaminants to be sampled and analyzed for following the installation of initial and final (if required) NO_x controls include (but are not limited to) NO_x, CO, and VOC. Air contaminants to be sampled and analyzed for following the installation of scrubbers shall include (but are not limited to) SO₂, PM₁₀, sulfuric acid (H₂SO₄), hydrogen fluoride (HF), hydrogen chloride (HCl), lead (Pb), and opacity.
- E. Within 90 days after the completion of the testing and sampling required herein, three copies of the sampling reports shall be distributed as follows:
 - One copy to the TCEQ Austin Regional Office.
 - One copy to the TCEQ Austin Office of Air, Air Permits Division.
 - One copy to the EPA Region 6 Office, Dallas.

Compliance testing pursuant to this permit condition was conducted in July 2011 that demonstrated compliance with emission limits. **(12/12)**

- 14. The permittee may be required by the Executive Director of the TCEQ or his designated representative to sample and analyze the oil-contaminated wastes in accordance with proper waste management procedures in order to:
 - A. Verify that these wastes are Industrial Class I wastes and not RCRA hazardous waste streams, and/or
 - B. Determine the concentrations of constituents in the wastes including (but not limited to): arsenic, barium, cadmium, chromium, Pb, mercury, selenium, and silver.

Continuous Determination of Compliance

- 15. The holder of this permit shall calibrate, maintain, and operate a continuous emission monitoring system (CEMS) to measure and record the concentrations of NO_x, SO₂, opacity, and O₂ or CO₂ from EPNs FPP-1(FPP-1N) and FPP-2 (FPP-2N), and 3-1B.
 - A. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B, or an acceptable alternative. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Air, Air Permits Division in Austin for requirements to be met.

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- B. The holder of this permit shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1, or an acceptable alternative. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, Procedure 1, Section 5.2.3, and any CEMS downtime shall be reported to the appropriate TCEQ Regional Director, and necessary corrective action shall be taken.
- C. The monitoring data shall be reduced to hourly average concentrations at least once every hour, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emission rate in lbs/hr at least once every hour. The lb/hr data from EPNs FPP-1(FPP-1N) and FPP-2 (FPP-2N), and 3-1B shall be summed monthly to TPY and used to determine compliance with the annual emissions limits of this permit. Demonstration of compliance with annual limits for pollutants requiring additional controls or emissions reduction shall initially be based upon the 12 months following installation of the additional controls; thereafter, compliance with annual emission limits shall be based on a rolling 12-month period.
1. Ongoing compliance with the PM/PM₁₀/PM_{2.5}, CO, VOC, H₂SO₄, Pb, HCl and HF emission limits for EPNs FPP-1N, FPP-2N, and 3-1B shall be based on the most recent stack sampling that is representative of normal operations of each unit.
 2. For each contaminant, an emission factor in lb/MMBtu will be calculated based on the stack test data and the hourly heat input determined from the CEMS data during the stack test or other alternative methods acceptable to TCEQ. The emission factor will be based on the average of three test runs. If no stack sampling has been performed on the unit for a contaminant, then the emission factor used as the basis of the emission limit in the permit application shall be used. If no stack test has been performed to PM₁₀ or PM_{2.5}, then the emission factor derived from the stack test for PM will be used.
 3. For each hour of operation, a pound per hour (lb/hr) emission rate will be calculated by multiplying the lb/MMBtu emission factor by the heat input in MMBtu/hr determined by the CEMS data for that hour. All resulting lb/hr emission rates that are less than or equal to the lb/hr emission limits in the MAERT will be considered in compliance with the permit. The lb/hr emission rate determined as described above will be summed to obtain monthly total emissions that will be used to calculate 12-month rolling average emission rates in tpy for each contaminant. All resulting tpy emission rates that are less than or equal to the tpy emission limits in the maximum allowable emission rates table

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Permit Numbers 51770 and PSDTX486M3

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(MAERT) will be considered in compliance with the permit. Multiple stack tests may be conducted within a 12 month period to demonstrate compliance with an annual emission limit.

- D. All monitoring data and quality-assurance data shall be maintained by the source for a period of five years and shall be made available to the TCEQ Executive Director or his designated representative upon request.
 - E. The TCEQ Austin Regional Office shall be notified at least 21 days prior to any required relative accuracy test audits in order to provide them the opportunity to observe the testing.
 - F. If applicable, each CEMS will be required to meet the design and performance specifications, pass the field tests, and meet the installation requirements and data analysis and reporting requirements specified in the applicable performance specifications in 40 CFR Part 75, Appendix A. The 40 CFR Part 75 is deemed an acceptable alternative to the performance specifications and quality assurance requirements of 40 CFR Part 60.
16. If any emission monitor fails to meet specified performance, it shall be repaired or replaced as soon as reasonably possible, but no later than seven days after it was first detected by any employee at the facility, unless written permission is obtained from the TCEQ which allows for a longer repair/replacement time. The holder of this permit shall develop an operation and maintenance program (including stocking necessary spare parts) to ensure that the continuous monitors are available as required.
17. The holder of this permit shall calibrate, maintain, and operate a fuel flow meter to record the total hourly fuel consumption by each boiler. The systems shall be accurate to plus or minus 10 percent of the units' maximum flow.

Recordkeeping Requirements

18. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction.
- A. A copy of this permit.
 - B. Permit application submitted July 2002, the permit application submitted January 31, 2011, and subsequent representations submitted to the TCEQ.

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- C. A complete copy of the testing reports and records of the initial performance testing completed pursuant to Special Condition No. 13.
 - D. Stack sampling results or other air emissions testing (other than CEMS data) that may be conducted on units authorized under this permit after the date of issuance of this permit.
19. Recordkeeping programs for those facilities authorized by the permit shall be established and maintained such that the ability to demonstrate compliance with all authorized emission limits (short-term and annual) is ensured. Compliance with annual TPY emissions shall be based on a 12-month rolling average, unless otherwise specified elsewhere in this permit. Emissions calculations for verifying compliance with the emission limits shall be calculated at least once every month. **(12/12)**

The following information shall be maintained at the plant by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made immediately available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:

- A. The NO_x, SO₂, and diluent gases (O₂ or CO₂) CEMS emissions data to demonstrate compliance with the emission rates listed in the MAERT. Opacity CEMS data shall be retained to show compliance with Special Condition No. 7.
- B. Raw data files of all CEMS data including calibration checks and adjustments and maintenance performed on these systems in a permanent form suitable for inspection.
- C. Records of the hours of operation and average daily quantity of fuel (by fuel type) fired in the boilers.
- D. The permit holder shall keep records of SO₂ performance test data and continuous monitor data consisting of rolling three-hour averages considering each hour and the two preceding hours. Compliance with the SO₂ emission rates will be based on the rolling three-hour averages. The permit holder shall report the SO₂ performance test data and continuous monitor data for Unit 3, EPN 3-1B, in the manner prescribed in 40 CFR § 60.49a. Additionally, the permit holder shall report all exceedances of SO₂ limits based on the rolling three-hour averages.

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- E. The permit holder shall keep records of process parameters necessary to demonstrate compliance with the emission sources not equipped with a CEMS. Emission calculations and emissions factors may be changed to reflect newer emission factors or emission factors that are based upon more recent stack sampling provided the new factors do not result in an exceedance of the maximum allowable emission rates.
(12/12)
- F. To demonstrate compliance with Special Condition No. 5, the permit holder shall make and maintain records of the amount by weight of oil-contaminated wastes burned in the boilers by date and type of waste.

Additional Requirements

- 20. The FPP Unit 3 may operate under wet stack conditions. No reheat of the flue gases will occur after treatment by the flue gas desulfurization system. The minimum stack exit temperature shall be 125EF. Under wet stack conditions, continuous opacity measurements will be collected from a certified opacity monitor located in the duct work at the outlet of each of the two electrostatic precipitator casings and before the flue gas desulfurization system.

Reporting

- 21. Recognition in this permit that there might be periods of time due to start-up, shutdown, upset, or maintenance when emissions may exceed permit limitations shall not be construed to relieve the permit holder from the reporting requirements of 30 TAC §§ 101.201 and 101.211.
- 22. The holder of this permit shall submit to the TCEQ Austin Regional Office and the Air Enforcement Branch of the EPA in Dallas periodic reports as described in 40 CFR § 60.7. Such reports are required for each emission unit which is required to be continuously monitored pursuant to this permit. In addition to the information specified in 40 CFR § 60.7(c), each report shall contain the hours of operation of each emissions unit which is required to be continuously monitored and a report summary of the periods of noncomplying emissions for equipment authorized by this permit and subject to NSPS.

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23. If the average NO_x or SO₂ stack outlet emissions rate exceeds the maximum allowable emissions rate for more than three hours, the holder of this permit shall investigate and determine the reason for the exceedance and, if needed, make necessary repairs and/or adjustments as soon as possible. If the NO_x or SO₂ emission rate exceeds the emission rate in the MAERT for more than 24 hours, the permit holder shall notify the TCEQ Regional Office either verbally and follow with a written report detailing the cause of the increase in emissions and all efforts being made to correct the problem.

Permits by Rule and Standard Permits

24. The following facilities at the site are authorized by permits by rule (PBR) under 30 TAC Chapter 106 and by standard permits issued under 30 TAC Chapter 116.

EPN	Description	PBR/Standard Permit No.
EG-1&2	Emergency Generator Units 1 &2	106.511
EG-3A	Emergency Generator Unit 3 Auxiliary	106.511
EG-3M	Emergency Generator Unit 3 Main	106.511
DFWP-1&2	Diesel Fire Water Pump Units 1 & 2	106.511
DFWP-3	Diesel Fire Water Pump Unit 3	106.511
AOF140A	Diesel Tank	106.472
AOF14B	Diesel Tank	106.472
AOF168A	Diesel Tank	106.472
AOF168B	Diesel Tank	106.472
AOF141	Diesel Tank	106.472
AOF142	Used Oil Tank	106.472
AOF117	Diesel Tank	106.472
AOF162	Used Oil Tank	106.472
FO-Handle	Fuel Oil Handling Fugitives	106.472
Skimmer	Skimmer	106.532
API-SEP	Skimmer	106.532
Paint	Paint Booth	SE 75 (4/96)
Mpaint	Maintenance Painting	106.263
Degrease	Degreasers	106.454
Sandblast	Sandblasting	106.452
EG-Comm	Emergency Generator Communication Bldg.	106.511
Orange Pump 07404	Orange Pump (coal pile run-off pond)	106.511

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Red Pump 32887	Portable Irrigation Pump	106.511
Blue Pump 05687	Portable Irrigation Pump	106.511
PG 40182	Portable Generator	106.511
PG30753	Portable Generator	106.511
Compressor 40073	Portable Air Compressor	106.511
WM30425	Portable Welding Machine	106.511
WM30426	Portable Welding Machine	106.511
WM32867	Portable Welding Machine	106.511
WM07439	Portable Welding Machine	106.511
LP40183	Portable Light Plant	106.511
LP40184	Portable Light Plant	106.511
AOF170	Diesel Tank	106.472
AOF171	Diesel Tank	106.472
GASTANK1	Gasoline Tank	106.472
AOF172A	Kerosene Tank	106.472
AOF172B	Kerosene Tank	106.472
AOF115	Used Lube Oil Tank	106.472
AOF186	Used Lube Oil Tank	106.472
AMMONIA U1	Aqueous Ammonia Tank	106.371
AMMONIA U2	Aqueous Ammonia Tank	106.371
AMMONIA U3	Aqueous Ammonia Tank	106.371
ACID TANK U1 & 2	Sulfuric Acid Tank	106.371
ACID TANK U3	Sulfuric Acid Tank	106.371
CAUSTIC TANK U1 & 2	Sodium Hydroxide Tank	106.371
CAUSTIC TANK U3	Sodium Hydroxide Tank	106.371
APC5	Polymer Tank	106.371
APC6	Polymer Tank	106.371
APC7	Polymer Tank	106.371
APC8	Polymer Tank	106.371
APC9	Polymer Tank	106.371
APC10	Polymer Tank	106.371
GAS TANK COALYARD	Gasoline Tank	106.371
WELD	Soldering, Welding, Brazing	106.227
FPP-1N, FPP-2N, 3-1B	Unit 1, 2, & 3 NO _x Emission Controls	52373
3-1B	Unit 3 Scrubber Upgrades	88122

Dated _____

Attachment A

Permit Numbers 51770 and PSDTX486M3

Maximum Allowable Trace Element Concentrations in Fuels Burned in Boilers

Metal	Concentration as ppmw (1)
Antimony	500
Arsenic	60
Barium	3,840
Beryllium	21
Cadmium	25
Chromium	150
Cobalt	192
Copper	270
Lead	752
Manganese	408
Mercury	5.7
Molybdenum	528
Nickel	154
Selenium	70
Silver	50
Thallium	134
Vanadium	328
Zinc	1,140

Notes:

1. Concentrations identified in this table are limitations of specific trace elements in the fuels to be burned and are not stack concentrations. Recognition that these elements are in the fuels is also acknowledgment and authorization for said elements as air contaminant emissions or resulting air contaminants that will also occur from the boiler stacks.

Dated _____

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 51770 and PSDTX486M3

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
FPP-1N	Unit 1 Steam Electric Generator	VOC	26.30	112.66
		NO _x	1725.63	3004.36
		CO	1296.40	5678.25
		SO ₂	1800.56	1577.29
		H ₂ SO ₄	83.80	155.03
		Pb	0.10	0.33
		PM/PM ₁₀ /PM _{2.5}	274.37	1201.74
		HCl	262.40	99.49
		HF	24.03	32.27
FPP-2N	Unit 2 Steam Electric Generator	VOC	26.30	113.26
		NO _x	1673.89	3020.20
		CO	1716.96	7520.31
		SO ₂	1810.05	1585.61
		H ₂ SO ₄	83.80	155.84
		Pb	0.10	0.33
		PM/PM ₁₀ /PM _{2.5}	275.82	1208.08
		HCl	263.79	100.01
		HF	24.16	32.44
3-1B	Unit 3 Steam Electric Generator	VOC	36.00	101.59

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
		NO _x	1059.61	2708.94
		CO	920.25	4030.70
		SO ₂	1948.21	2844.39
		H ₂ SO ₄	79.78	139.78
		Pb	0.09	0.29
		PM/PM ₁₀ /PM _{2.5}	123.70	541.79
		HCl	236.60	89.70
		HF	21.67	29.09
FPP-1N, FPP-2N, 3-1B	Final Compliance Cap for Units 1, 2, & 3	VOC	-	276.58
		CO	3738.40	11878.17
		SO ₂	3461.38	-
		H ₂ SO ₄	155.98	-
		HCl	624.88	-
		HF	66.40	-
FLYASH-1	Flyash Silo-1 Baghouse	PM/PM ₁₀ /PM _{2.5}	0.020	0.036
FLYASH-2	Flyash Silo-2 Baghouse	PM/PM ₁₀ /PM _{2.5}	0.020	0.036
FLYASH-3	Unit 1 Storage Bin Baghouse	PM/PM ₁₀ /PM _{2.5}	0.020	0.036
FLYASH-4	Unit 2 Storage Bin Baghouse	PM/PM ₁₀ /PM _{2.5}	0.020	0.036
3-1A	Ash Collection Baghouse	PM/PM ₁₀ /PM _{2.5}	0.099	0.096
3-2A	Ash Transport Baghouse	PM/PM ₁₀ /PM _{2.5}	0.079	0.096
3-3A	Ash Collection Baghouse	PM/PM ₁₀ /PM _{2.5}	0.099	0.096
3-4A	Ash Transport Baghouse	PM/PM ₁₀ /PM _{2.5}	0.079	0.096

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
3-1L	Limestone Unloading	PM	0.063	0.013
		PM ₁₀	0.030	0.006
		PM _{2.5}	0.005	0.001
3-2L	Limestone Reclaim	PM	0.032	0.006
		PM ₁₀	0.015	0.003
		PM _{2.5}	0.002	0.001
3-3L	Limestone Stackout	PM	0.006	0.004
		PM ₁₀	0.003	0.002
		PM _{2.5}	0.0005	0.0003
3-4L	Limestone Reclaim	PM	0.006	0.004
		PM ₁₀	0.003	0.002
		PM _{2.5}	0.0005	0.0003
3-5L	Limestone Silo Transfer	PM	0.006	0.002
		PM ₁₀	0.003	0.001
		PM _{2.5}	0.001	0.0002
3-6L	Limestone Crusher	PM	0.300	0.200
		PM ₁₀	0.142	0.095
		PM _{2.5}	0.021	0.014
3-7L	Limestone Crusher	PM	0.300	0.200
		PM ₁₀	0.142	0.095
		PM _{2.5}	0.021	0.014
3-8L	Limestone Crusher	PM	0.300	0.200

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
		PM ₁₀	0.142	0.095
		PM _{2.5}	0.021	0.014
COAL-1	Coal Railcar Unloading	PM/ PM ₁₀ /PM _{2.5}	0.161	0.233
COAL-2	Coal Transfer	PM/ PM ₁₀ /PM _{2.5}	0.107	0.155
COAL-3	Coal Transfer	PM/ PM ₁₀ /PM _{2.5}	0.107	0.102
COAL-4	Coal Transfer to Pile	PM	0.803	0.765
		PM ₁₀	0.380	0.362
		PM _{2.5}	0.057	0.055
COAL-5	Coal Reclaim 1 & 2	PM/PM ₁₀ /PM _{2.5}	0.054	0.083
COAL-6	Coal Crusher	PM/PM ₁₀ /PM _{2.5}	0.400	0.620
COAL-7	Coal Transfer Surge Bin	PM/ PM ₁₀ /PM _{2.5}	0.027	0.041
COAL-8	Coal Transfer Surge Bin	PM/PM ₁₀ /PM _{2.5}	0.027	0.041
COAL-9	Coal Transfer to Silo Baghouse	PM/ PM ₁₀ /PM _{2.5}	0.027	0.041
COAL-10	Coal Transfer to Silo Baghouse	PM/PM ₁₀ /PM _{2.5}	0.027	0.041
PILE 1 & 2	Coal Piles 1 & 2	PM	5.20	22.78
		PM ₁₀	2.46	10.772
		PM _{2.5}	0.372	1.631
ASH PILE	Combustion By-Product Landfill	PM	1.09	4.79
		PM ₁₀	0.517	2.266
		PM _{2.5}	0.078	0.343
PILE-3A	Unit 3 Active Coal Pile	PM	0.335	1.469
		PM ₁₀	0.159	0.695

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
		PM _{2.5}	0.024	0.106
PILE 3-D	Unit 3 Dead Coal Pile	PM	1.21	5.30
		PM ₁₀	0.572	2.505
		PM _{2.5}	0.087	0.379
3-2F	Coal Transfer	PM	1.26	1.32
		PM ₁₀	0.598	0.626
		PM _{2.5}	0.091	0.095
3-3F/3-12F	Transfer to Unit 3 Active/Dead Coal Piles	PM	2.11	2.21
		PM ₁₀	0.997	1.044
		PM _{2.5}	0.151	0.158
3-4F	Coal Transfer	PM	0.602	1.324
		PM ₁₀	0.285	0.626
		PM _{2.5}	0.043	0.095
3-5F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.088
3-6F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	3.000	6.600
3-7F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.088
3-8F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.022
3-9F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.022
3-10F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.022
3-11F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.040	0.022
3-13F	Coal Transfer Baghouse	PM/PM ₁₀ /PM _{2.5}	0.040	0.088
3-14F	Coal Transfer Baghouse	PM/PM ₁₀ /PM _{2.5}	0.019	0.044

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hour	TPY (4)
3-15F	Coal Transfer	PM	0.187	0.44
		PM ₁₀	0.089	0.209
		PM _{2.5}	0.013	0.032
3-16F	Coal Transfer	PM/PM ₁₀ /PM _{2.5}	0.084	0.155
3-17F	Coal Transfer	PM	1.26	1.32
		PM ₁₀	0.598	0.626
		PM _{2.5}	0.091	0.095
3-18F	Dead Storage Reclaim	PM	0.401	0.441
		PM ₁₀	0.190	0.209
		PM _{2.5}	0.029	0.032
3-19F	Active Storage Reclaim	PM	0.602	0.662
		PM ₁₀	0.285	0.313
		PM _{2.5}	0.043	0.047

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 HCl - hydrogen chloride
 HF - hydrogen fluoride
 H₂SO₄ - sulfuric acid mist
 Pb - lead
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period unless otherwise note in permit special conditions.

Emission Sources - Maximum Allowable Emission Rates

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

___Hrs/day ___Days/week ___Weeks/year or 8,760 Hrs/year

Date: _____

Permit Amendment Source Analysis & Technical Review

Company	Lower Colorado River Authority	Permit Number	51770 and PSDTX486M3
City	La Grange	Project Number	163053
County	Fayette	Account Number	FC-0018-G
Project Type	Initpmtchg	Regulated Entity Number	RN100226844
Project Reviewer	Mr. Erik Hendrickson	Customer Reference Number	CN600253637
Site Name	Fayette Power Project (FPP)		

Project Overview

The Lower Colorado River Authority (LCRA) submitted a permit amendment to convert their existing flexible permit to a Subchapter B permit, to resolve EPA Region 6 concerns about Texas' flexible permit program. LCRA also voluntarily requested that the amendment application include a public notice component limited to the intent to obtain a permit and a notice of application and preliminary decision. This permit amendment will not authorize new construction or any changes to existing equipment and the amendment will not authorize an increase in emission limits. This amendment will establish individual unit emission limits that are less than or equal to the caps that were in the flexible permit. For any pollutants for which the sum of the proposed individual unit emission limits exceeds the flexible permit emission caps, compliance caps are being established that are less than or equal to the current flexible permit caps to ensure that the permit action does not result in an increase in allowable emissions.

Emission Summary

Below is a comparison of each of the utility boiler emission limits over time. Interim permit allowable emission rates were deleted from the existing permit and the draft permit MAERT, since they are no longer necessary.

Unit 1

Pollutant	Legacy Permit Allowable Emission Rates (tpy)	Interim Permit Allowable Emission Rates (tpy)	Final Permit Allowable Emission Rates (tpy)
NO _x	18,396	3,004	3,004
SO ₂	31,536	15,619	1,577
PM	2,628	1,502	1,202
PM ₁₀	1,340	1,502	1,202
PM _{2.5}	-	1,502	1,202
CO	1,642	5,678	5,678
VOC	115	113	113
H ₂ SO ₄	367	167	155
Pb	0.29	0.33	0.33

Unit 2

Pollutant	Legacy Permit Allowable Emission Rates (tpy)	Interim Permit Allowable Emission Rates (tpy)	Final Permit Allowable Emission Rates (tpy)
NO _x	18,396	3,020	3,020
SO ₂	31,536	15,619	1,586
PM	2,628	1,510	1,208
PM ₁₀	1,340	1,510	1,208
PM _{2.5}	-	1,510	1,208
CO	1,642	7,520	7,520
VOC	115	113	113
H ₂ SO ₄	367	168	140
Pb	0.29	0.33	0.33

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Source Analysis & Technical Review

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Unit 3

Pollutant	Legacy Permit Allowable Emission Rates (tpy)	Interim Permit Allowable Emission Rates (tpy)	Final Permit Allowable Emission Rates (tpy)
NO _x	12,444	2,708	2,708
SO ₂	20,739	2,844	2,844
PM	622	813	542
PM ₁₀	622	813	542
PM _{2.5}	-	813	542
CO	2,628	4,031	4,031
VOC	157	102	102
H ₂ SO ₄	955	150	140
Pb	-	0.29	0.29

Compliance History Evaluation - 30 TAC Chapter 60 Rules

A compliance history report was reviewed on:	5/9/2012
Compliance period:	9/1/2006 - 9/1/2011
Site rating & classification:	0.1, Average
Company rating & classification:	2.8, Average
If the rating is 40<RATING<45, what was the outcome, if any, based on the findings in the formal report:	N/A
Has the permit changed on the basis of the compliance history or rating?	No

Public Notice Information - 30 TAC Chapter 39 Rules

Rule Citation	Requirement	
39.403	Date Application Received:	1/31/2011
	Date Administratively Complete:	4/15/2011
	Small Business Source?	No
	Date Leg Letters mailed:	4/15/2011
39.603	Date Published:	4/22/2011
	Publication Name:	Fayette County Record
	Pollutants:	VOC, NO _x , CO, SO ₂ , Pb, H ₂ SO ₄ , PM, PM ₁₀ , PM _{2.5} , HCL, HF
	Date Affidavits/Copies Received:	4/29/2011
	Is bilingual notice required?	Yes
	Language:	Spanish
	Date Published:	N/A
	Publication Name:	None Available
	Date Affidavits/Copies Received:	5/27/2011
	Date Certification of Sign Posting / Application Availability Received:	5/27/2011
39.604	Public Comments Received?	Yes
	Hearing Requested?	Yes
	Meeting Request?	Yes

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Source Analysis & Technical Review

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Rule Citation	Requirement	
	Date Response to Comments sent to OCC:	9/20/2012
	Consideration of Comments:	Yes
	Is 2nd Public Notice required?	Yes
39.419	Date 2nd Public Notice/Preliminary Decision Letter Mailed:	5/10/2012
39.603	Date Published:	5/15/2012
	Publication Name:	Fayette County Record
	Pollutants:	VOC, NO _x , CO, SO ₂ , Pb, H ₂ SO ₄ , PM ₁₀ , PM _{2.5} , HCL, HF
	Date Affidavits/Copies Received:	6/7/2012
	Is bilingual notice required?	Yes
	Language:	Spanish
	Date Published:	N/A
	Publication Name:	None Available
	Date Affidavits/Copies Received:	6/7/2012
	Public Comments Received?	Yes
	Meeting Request?	Yes
	Date Meeting Held:	6/18/2012
	Hearing Request?	Yes
	Request(s) withdrawn?	No
	Consideration of Comments:	Yes
39.421	Date RTC, Technical Review & Draft Permit Conditions sent to OCC:	9/20/2012
	Request for Reconsideration Received?	No
	Final Action:	Yes
	Are letters Enclosed?	No

Construction Permit & Amendment Requirements - 30 TAC Chapter 116 Rules

Rule Citation	Requirement	
116.111(a)(2)(G)	Is the facility expected to perform as represented in the application?	Yes
116.111(a)(2)(A)(i)	Are emissions from this facility expected to comply with all TCEQ air quality Rules & Regulations, and the intent of the Texas Clean Air Act?	Yes
116.111(a)(2)(B)	Emissions will be measured using the following method: Continuous emissions monitoring system (CEMS) will measure NO _x , SO ₂ , opacity, and diluent gases from the utility boiler. Emissions of other pollutants will be calculated based on emission factors.	Yes
116.111(a)(2)(D)	Subject to NSPS? Subparts A & D (Units 1&2) Da (Unit 3)	Yes
116.111(a)(2)(E)	Subject to NESHAP? Subparts &	No
116.111(a)(2)(F)	Subject to NESHAP (MACT) for source categories? Subparts A & UUUU	Yes
116.111(a)(2)(H)	Is nonattainment review required?	No

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Source Analysis & Technical Review

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Rule Citation	Requirement	
116.111(a)(2)(I)	Is the site located in a nonattainment area?	No
	Is PSD applicable?	No
	Is the site a federal major source (100/250 tons/yr)?	Yes
	Is the project a federal major source by itself?	No
	Is the project a federal major modification?	No
	Comment The permit amendment does not authorize construction of a new source or a physical change or change in method of control or operation of an existing source; therefore, the permit action is not a modification for purposes of PSD applicability.	
116.111(a)(2)(L)	Is Mass Emissions Cap and Trade applicable to the new or modified facilities?	No
	If yes, did the proposed facility, group of facilities, or account obtain allowances to operate:	
		N/A
116.140 - 141	Permit Fee: \$ 900	Fee certification: RI15402

Title V Applicability - 30 TAC Chapter 122 Rules

Rule Citation	Requirement	
122.10(13)(A)	Is the site a major source under FCAA Section 112(b)?	Yes
	Does the site emit 10 tons or more of any single HAP?	Yes
	Does the site emit 25 tons or more of a combination?	Yes
122.10(13)(C)	Does the site emit 100 tons or more of any air pollutant?	Yes
122.10(13)(D)	Is the site a non-attainment major source?	No
122.602	Periodic Monitoring (PM) applicability: Periodic monitoring is applicable because this site is subject to 30 TAC Chapter 122. Periodic monitoring of emissions not monitored with a CEMS will be based upon operational data and emissions will be calculated based on emission factors.	
122.604	Compliance Assurance Monitoring (CAM) applicability: The site is a major source with CAM requirements in their existing Title V permits. Existing CAM, includes CEMS for NO _x , SO ₂ and COMS.	

Request for Comments

Received From	Program/Area Name	Reviewed By	Comments
Region:	11		No comments

Process/Project Description

FPP consists of three pulverized coal steam electric generating units currently fired with low sulfur subbituminous coal. The gross generating capacity of Units 1, 2, and 3 are approximately 650 megawatts (MW), 640 MW, and 470 MW respectively. All three utility boilers are equipped with low NO_x burners and an over fired air systems to minimize emissions oxides of nitrogen. Flue gas from each of the utility boilers is routed through an electrostatic precipitator (ESP) for particulate control. Flue gas from each of the three utility boilers is also routed through a wet scrubber that removes sulfur dioxide and other acid gases, before the flue gas is exhausted through a stack to the atmosphere. Fly ash removed by the ESP is collected in hoppers and pneumatically conveyed to storage silos prior to loading for disposal or sales. FPP also consist of ancillary coal, limestone, and ash material handling facilities that are controlled by baghouses, foam suppression, sprays, and enclosures.

Pollution Prevention, Sources, Controls and BACT- [30 TAC 116.111(a)(2)(C)]

This permit amendment was submitted to convert the existing flexible permit to a Subchapter B permit. The permit amendment does not authorize any new facilities nor does the amendment authorize any modification to existing facilities. The permit amendment does not authorize an increase in allowable emission rates for any pollutant; therefore, a BACT review is not required. The facilities currently authorized in the flexible permit were previously permitted prior to reauthorization of those sources in the flexible permit in 2002, and were subject to BACT reviews at the time they were originally permitted and when the flexible permit was issued in 2002. Reevaluation of previous BACT determinations was not triggered by this amendment to convert the flexible permit to a Subchapter B permit.

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Impacts Evaluation - 30 TAC 116.111(a)(2)(J)

Was modeling conducted?	No	Type of Modeling:	N/A
Will GLC of any air contaminant cause violation of NAAQS?			No
Is this a sensitive location with respect to nuisance?			No
[§116.111(a)(2)(A)(ii)] Is the site within 3000 feet of any school?			No
Comment: The permit amendment does not authorize an increase in allowable emission rates for any pollutant. The amendment does not authorize any new equipment or modification to existing equipment; therefore, actual emissions will not change as a result of this amendment. An impacts review was not triggered since there will be no change in either actual or allowable emissions.			

Permit Concurrence and Related Authorization Actions

Is the applicant in agreement with special conditions?	Yes
Company representative(s):	Joe Bentley
Contacted Via:	Phone
Date of contact:	5/9/2012
Other permit(s) or permits by rule affected by this action:	N/A
List permit and/or PBR number(s) and actions required or taken:	N/A

<i>Eil Henderson</i>	11/9/2012	<i>Rebecca Parise</i>	11/9/12
Project Reviewer	Date	Team Leader/Section Manager/Backup	Date

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Compliance History Report

PENDING Compliance History Report for CN600253637, RN100226844, Rating Year 2012 which includes Compliance History (CH) components from September 1, 2007, through August 31, 2012.

Customer, Respondent, or Owner/Operator:	CN600253637, Lower Colorado River Authority	Classification: SATISFACTORY	Rating: 0.65
Regulated Entity:	RN100226844, LCRA SAM SEYMOUR FAYETTE POWER PROJECT	Classification: HIGH	Rating: 0.00
Complexity Points:	23	Repeat Violator: NO	
CH Group:	06 - Electric Power Generation		
Location:	6549 POWER PLANT RD LA GRANGE, TX 78945-3714, FAYETTE COUNTY		
TCEQ Region:	REGION 11 - AUSTIN		

ID Number(s):

AIR OPERATING PERMITS ACCOUNT NUMBER FC0018G	AIR OPERATING PERMITS PERMIT 21
WASTEWATER PERMIT WQ0002105000	WASTEWATER EPA ID TX0073121
AIR NEW SOURCE PERMITS PERMIT 19208	AIR NEW SOURCE PERMITS REGISTRATION 29852
AIR NEW SOURCE PERMITS REGISTRATION 33928	AIR NEW SOURCE PERMITS ACCOUNT NUMBER FC0018G
AIR NEW SOURCE PERMITS AFS NUM 4814900005	AIR NEW SOURCE PERMITS PERMIT 51770
AIR NEW SOURCE PERMITS REGISTRATION 52373	AIR NEW SOURCE PERMITS EPA PERMIT PSDTX486M3
AIR NEW SOURCE PERMITS REGISTRATION 80845	AIR NEW SOURCE PERMITS EPA PERMIT PAL2
AIR NEW SOURCE PERMITS REGISTRATION 88122	AIR NEW SOURCE PERMITS EPA PERMIT PAL48
AIR NEW SOURCE PERMITS REGISTRATION 97985	USED OIL REGISTRATION C81690
IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION # (SWR) 31575	STORMWATER PERMIT TXR05M603
AIR EMISSIONS INVENTORY ACCOUNT NUMBER FC0018G	INDUSTRIAL AND HAZARDOUS WASTE EPA ID TXD083566547
INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE REGISTRATION # (SWR) 31575	POLLUTION PREVENTION PLANNING ID NUMBER P01613

Compliance History Period: September 01, 2007 to August 31, 2012 **Rating Year:** 2012 **Rating Date:** 09/01/2012

Date Compliance History Report Prepared: November 09, 2012

Agency Decision Requiring Compliance History: Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.

Component Period Selected: September 01, 2007 to August 31, 2012

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Mr. Erik Hendrickson

Phone: (512) 239-1095

Site and Owner/Operator History:

- 1) Has the site been in existence and/or operation for the full five year compliance period? YES
- 2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO
- 3) If YES for #2, who is the current owner/operator? N/A
- 4) If YES for #2, who was/were the prior owner(s)/operator(s)? N/A
- 5) If YES, when did the change(s) in owner or operator occur? N/A

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

N/A

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	September 17, 2007	(608499)
Item 2	October 16, 2007	(608500)
Item 3	November 15, 2007	(623280)
Item 4	December 18, 2007	(623281)
Item 5	January 14, 2008	(613567)
Item 6	January 18, 2008	(614224)
Item 7	January 25, 2008	(613910)
Item 8	February 13, 2008	(674635)
Item 9	February 27, 2008	(617756)
Item 10	March 18, 2008	(674636)
Item 11	April 16, 2008	(674637)
Item 12	May 19, 2008	(692963)
Item 13	June 18, 2008	(692964)
Item 14	July 07, 2008	(657003)
Item 15	July 10, 2008	(594573)
Item 16	August 11, 2008	(657123)
Item 17	August 18, 2008	(714155)
Item 18	September 17, 2008	(714156)
Item 19	October 13, 2008	(714157)
Item 20	November 18, 2008	(708592)
Item 21	December 02, 2008	(702264)
Item 22	December 16, 2008	(753380)
Item 23	December 18, 2008	(703178)
Item 24	January 02, 2009	(705284)
Item 25	January 15, 2009	(703109)
Item 26	January 22, 2009	(723718)
Item 27	January 27, 2009	(724476)
Item 28	January 30, 2009	(725328)
Item 29	February 19, 2009	(753376)
Item 30	March 06, 2009	(727039)
Item 31	March 10, 2009	(737982)
Item 32	March 17, 2009	(753377)
Item 33	April 17, 2009	(753378)
Item 34	May 18, 2009	(770890)
Item 35	June 09, 2009	(770891)
Item 36	June 18, 2009	(749786)
Item 37	August 19, 2009	(812469)
Item 38	August 20, 2009	(765769)
Item 39	August 28, 2009	(766906)
Item 40	September 15, 2009	(776067)
Item 41	September 17, 2009	(812470)
Item 42	September 24, 2009	(776645)
Item 43	October 02, 2009	(776549)
Item 44	October 07, 2009	(778357)
Item 45	October 09, 2009	(778733)
Item 46	October 13, 2009	(778838)
Item 47	October 19, 2009	(812471)
Item 48	October 20, 2009	(779849)
Item 49	October 21, 2009	(779968)
Item 50	November 05, 2009	(781596)
Item 51	November 12, 2009	(781764)
Item 52	November 17, 2009	(782353)
Item 53	November 18, 2009	(812472)
Item 54	December 02, 2009	(784055)
Item 55	December 10, 2009	(812473)

Pending Compliance History Report for CN600253637, RN100226844, Rating Year 2012 which Includes Compliance History (CH) components from September 01, 2007, through August 31, 2012.

Item 56	December 22, 2009	(786424)
Item 57	February 18, 2010	(812468)
Item 58	March 10, 2010	(793932)
Item 59	March 11, 2010	(795284)
Item 60	March 15, 2010	(795743)
Item 61	March 19, 2010	(833599)
Item 62	March 23, 2010	(794102)
Item 63	March 24, 2010	(796516)
Item 64	April 19, 2010	(833600)
Item 65	May 04, 2010	(801274)
Item 66	May 17, 2010	(833601)
Item 67	June 08, 2010	(825591)
Item 68	June 16, 2010	(847107)
Item 69	July 14, 2010	(841261)
Item 70	July 19, 2010	(861573)
Item 71	August 13, 2010	(867903)
Item 72	August 31, 2010	(849226)
Item 73	September 02, 2010	(850541)
Item 74	September 17, 2010	(874845)
Item 75	October 05, 2010	(866372)
Item 76	October 18, 2010	(882438)
Item 77	October 28, 2010	(872356)
Item 78	November 18, 2010	(878319)
Item 79	November 19, 2010	(864796)
Item 80	December 07, 2010	(872811)
Item 81	December 10, 2010	(897243)
Item 82	January 19, 2011	(903147)
Item 83	February 16, 2011	(910067)
Item 84	February 28, 2011	(900651)
Item 85	March 11, 2011	(902076)
Item 86	March 17, 2011	(917266)
Item 87	March 24, 2011	(907451)
Item 88	April 01, 2011	(908323)
Item 89	April 15, 2011	(912611)
Item 90	May 02, 2011	(914457)
Item 91	May 16, 2011	(920666)
Item 92	May 18, 2011	(921319)
Item 93	June 16, 2011	(933636)
Item 94	June 20, 2011	(919772)
Item 95	August 02, 2011	(944395)
Item 96	August 18, 2011	(960236)
Item 97	September 07, 2011	(952104)
Item 98	September 15, 2011	(966288)
Item 99	October 06, 2011	(958738)
Item 100	October 20, 2011	(972304)
Item 101	November 17, 2011	(978462)
Item 102	November 18, 2011	(965105)
Item 103	December 08, 2011	(971200)
Item 104	December 09, 2011	(970898)
Item 105	December 15, 2011	(985274)
Item 106	January 10, 2012	(991555)
Item 107	January 17, 2012	(980956)
Item 108	February 13, 2012	(1010999)
Item 109	February 15, 2012	(987640)
Item 110	March 09, 2012	(993765)
Item 111	March 13, 2012	(990369)
Item 112	March 19, 2012	(1004428)
Item 113	May 01, 2012	(1002084)
Item 114	May 11, 2012	(1017362)
Item 115	June 12, 2012	(1025164)

Pending Compliance History Report for CN600253637, RN100226844, Rating Year 2012 which includes Compliance History (CH) components from September 01, 2007, through August 31, 2012.

Item 116	July 10, 2012	(1032501)
Item 117	August 03, 2012	(1022750)
Item 118	August 08, 2012	(1023419)
Item 119	August 14, 2012	(1038923)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

F. Environmental audits:

N/A

G. Type of environmental management systems (EMSs):

1	04/30/2009	01/01/2012	ENVIRONMENTAL MANAGEMENT SYSTEM	30 TAC CERTIFIED
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H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

	Type	Tier	Certification Date
1	CLEAN TEXAS PROGRAM	LEADER	04/30/2009

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

LCRA Application to Deflex Air Quality Permit # 51770 Locations of Three Closest Hearing Requestors



Texas Commission on Environmental Quality
GIS Team (Mail Code 197)
P.O. Box 13087
Austin, Texas 78711-3087

November 1, 2012



Projection: Texas Statewide Mapping System (TSMS)

Scale 1:112,570

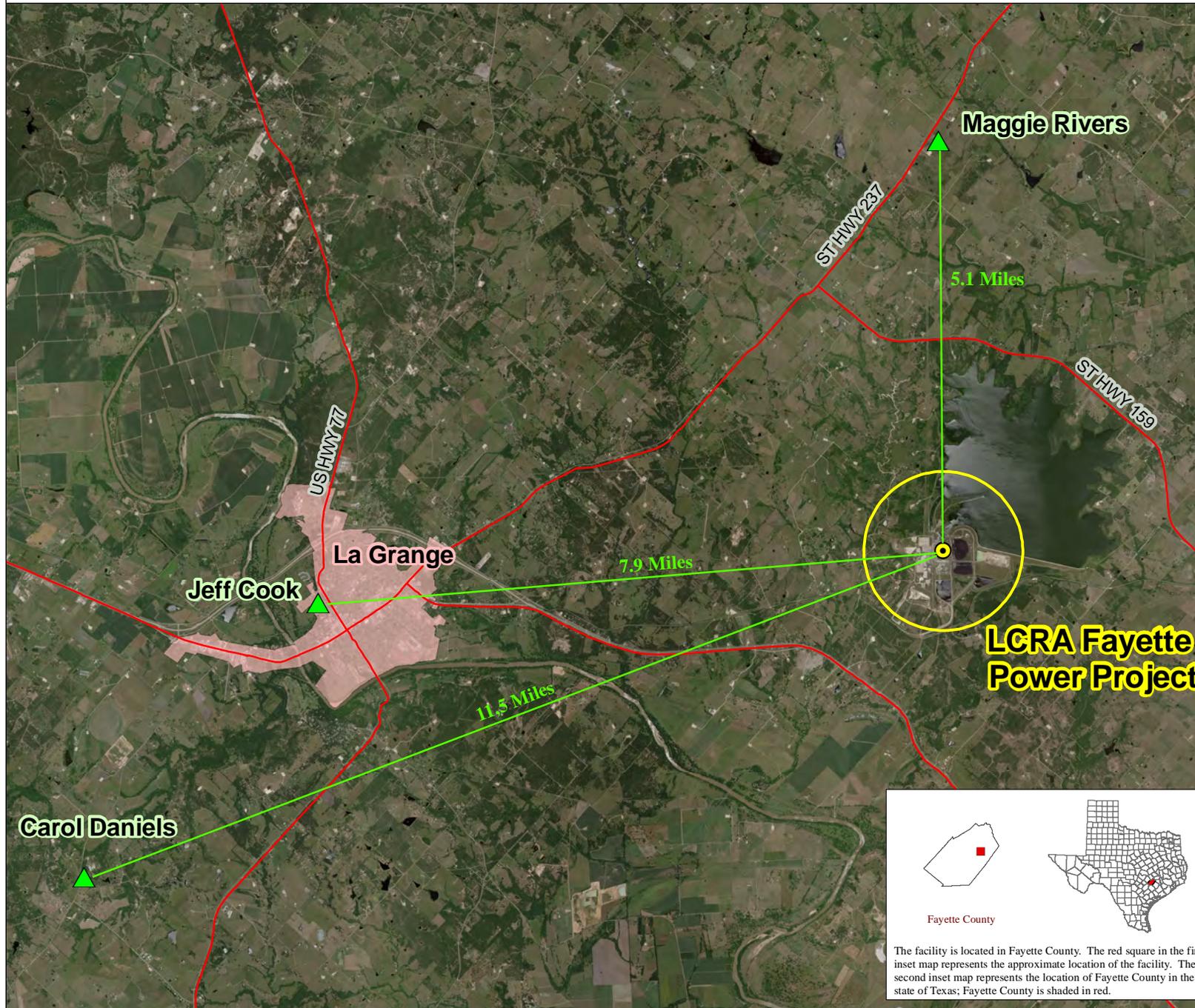
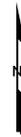
Legend

- ▲ Residences of Hearing Requestors
- LCRA Fayette Power Project Stacks

Source: The location of the facility was provided by the TCEQ Office of Legal Services (OLS). OLS obtained the requestor addresses from the requestors. Point locations for these addresses was obtained using the MapQuest geocoding tools. The roads and cities data are from TeleAtlas/GDT Dynamap 2000 data. The background of this map is a one-half meter aerial imagery from the 2008 National Aerial Imagery Program (NAIP).

This map shows:

1. A point location representing the center of the primary three stacks at the LCRA Fayette Power Project
2. A one-mile radius surrounding the facility has indicated.
3. Geocoded locations for the residences of Jeff Cook, Carols Daniels, and Maggie Rivers.
4. Distances in miles from each residence to a point representing the stack area of the LCRA Fayette Power Plant



The facility is located in Fayette County. The red square in the first inset map represents the approximate location of the facility. The second inset map represents the location of Fayette County in the state of Texas; Fayette County is shaded in red.

This map was generated by the Information Resources Division of the Texas Commission on Environmental Quality. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map, contact the Information Resource Division at (512) 239-0800.