Exhibit No.:
Issue: LaCygne Environmental Retrofit Project In-Service Testing
Witness: Robert N. Bell
Type of Exhibit: True-Up Direct Testimony
Sponsoring Party: Kansas City Power & Light Company
Case No.: ER-2014-0370
Date Testimony Prepared: July 7, 2015

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: ER-2014-0370

TRUE-UP DIRECT TESTIMONY

OF

ROBERT N. BELL

ON BEHALF OF

KANSAS CITY POWER & LIGHT COMPANY

Kansas City, Missouri
July 2015

TRUE-UP DIRECT TESTIMONY

OF

ROBERT N. BELL

Case No. ER-2014-0370

Q: Please state your name and business address.

A: My name is Robert N. Bell. My business address is 1200 Main Street, Kansas City, Missouri 64105.

Q: Are you the same Robert N. Bell who pre-filed Direct Testimony in this matter?

A: Yes, I am.

Q: What is the purpose of your True-Up Direct Testimony?

A: To give an update regarding the completion of the in-service testing.

COMPLETION OF IN-SERVICE TESTING

Q: Have the Company and Staff reached agreement regarding the in-service criteria?

A: Yes, Kansas City Power & Light Company and the Missouri Public Service Commission Staff ("Staff") reached mutual agreement regarding the in-service criteria for the La Cygne Project. Staff acknowledged this agreement in their "Errata to Revenue Requirement Cost of Service Report" filed in this docket on April 9, 2015. The mutually agreed in-service criteria are attached as Schedule RNB-10.

Q: Has the Company successfully achieved the in-service criteria?

A: Yes.

Q: What are the actual in-service dates for the environmental retrofit equipment at La Cygne?

A: As of March 24, 2015, La Cygne Unit 2 and Common equipment is in-service. As of April 30, 2015, La Cygne Unit 1 equipment is in-service.

Q: Is any documentation available to substantiate the in-service?

A: Yes. In-Service Testing Reports for Unit 2/Common and Unit 1 are attached as Schedules RNB-11 and RNB-12.

Q: Does that conclude your True-Up Direct Testimony?

A: Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service	)))	Case No. ER-2014-0370

AFFIDAVIT OF ROBERT N. BELL

STATE OF MISSOURI)
) **ss**
COUNTY OF JACKSON)

Robert N. Bell, being first duly sworn on his oath, states:

1. My name is Robert N. Bell. I work in Kansas City, Missouri, and I am employed by Kansas City Power & Light Company as Senior Director – Construction.

2. Attached hereto and made a part hereof for all purposes is my True-Up Direct Testimony on behalf of Kansas City Power & Light Company consisting of two (2) pages, having been prepared in written form for introduction into evidence in the above-captioned docket.

3. I have knowledge of the matters set forth therein. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded, including any attachments thereto, are true and accurate to the best of my knowledge, information and belief.

Robert N. Bell

Subscribed and sworn before me this 7th day of July, 2015.

MELODY M. JONES
NOTARY PUBLIC NOTARY SEAL
COMMISSION #12332641
CLAY COUNTY
STATE OF MISSOURI
MY COMMISSION EXPIRES 4/25/2016

Notary Public

My commission expires: 4/25/2016

In-Service Criteria for La Cygne Unit 1 Environmental Upgrades

PM10 Compliance – La Cygne Unit 1

1. All major construction work for Unit 1 is complete.

2. All preoperational tests for Unit 1 have been successfully completed.

3. PM10 filterable: Unit 1 shall demonstrate its ability to operate at or above 90% of its nominal gross output of 810MW (729MW – 810MW) with emissions that contain on average 0.013 lb/mmBTU or less as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. PM10 filterable: Unit 1 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 810MW (648MW – 810MW) with emissions that contain on average 0.014 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period.

5. PM10 total: Unit 1 shall demonstrate its ability to operate at or above 90% of its nominal gross output of 810MW (729MW – 810MW) with emissions that contain on average 0.022 lb/mmBTU or less as measured by the CEMS over a continuous four (4) hour period.

6. PM10 total: Unit 1 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 810MW (648MW – 810MW) with emissions that contain on average 0.023 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period.

7. CEMS are operational and demonstrate the capability of monitoring the PM10 emissions to satisfy the parameters in items (3), (4), (5) and (6) above.

SO_2 Compliance – La Cygne Unit 1

1. All major construction work for Unit 1 is complete.

2. All preoperational tests for Unit 1 have been successfully completed.

3. Unit 1 shall demonstrate its ability to operate at or above 93% of its nominal gross output of 810MW (753MW – 810MW) with emissions that contain on average 0.055 lb/mmBTU or less (or 97.8% removal, whichever is less stringent) as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. Unit 1 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 810MW (648MW – 810MW) with emissions that contain on average 0.058 lb/mmBTU or less (or 97.7% removal, whichever is less stringent) as measured by the CEMS over a continuous 72-hour period.

5. Unit 1 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 810MW (648MW – 810MW) with emissions that contain on average 0.07 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently.

6. CEMS are operational and demonstrate the capability of monitoring the SO_2 emissions to satisfy the parameters in items (3), (4) and (5) above.

NOx Compliance – La Cygne Unit 1

The SCR met the established in-service criteria and placed into service in 2007, and therefore is not part of the scope for Unit 1.

In-Service Criteria for La Cygne Unit 2 and Common Environmental Upgrades

PM10 Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. PM10 filterable: Unit 2 shall demonstrate its ability to operate at or above 90% of its nominal gross output of 715MW (644MW – 715MW) with emissions that contain on average 0.013 lb/mmBTU or less as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. PM10 filterable: Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715MW (572MW – 715MW) with emissions that contain on average 0.014 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period.

5. PM10 total: Unit 2 shall demonstrate its ability to operate at or above 90% of its nominal gross output of 715MW (644MW – 715MW) with emissions that contain on average 0.022 lb/mmBTU or less as measured by the CEMS over a continuous four (4) hour period.

6. PM10 total: Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715MW (572MW – 715MW) with emissions that contain on average 0.023 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period.

7. CEMS are operational and demonstrate the capability of monitoring the PM10 emissions to satisfy the parameters in items (3), (4), (5) and (6) above.

SO_2 Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. Unit 2 shall demonstrate its ability to operate at or above 93% of its nominal gross output of 715MW (665MW – 715MW) with emissions that contain on average 0.055 lb/mmBTU or less (or 97.8% removal, whichever is less stringent) as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715MW (572MW – 715MW) with emissions that contain on average 0.058 lb/mmBTU or less (or 97.7% removal, whichever is less stringent) as measured by the CEMS over a continuous 72-hour period.

5. Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715MW (572NW – 715MW) with emissions that contain on average 0.07 lb/mmBTU or less as measured by the CEMS over a continue 120-hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently.

6. CEMS are operational and demonstrate the capability of monitoring the SO_2 emissions to satisfy the parameters in items (3), (4) and (5) above.

NOx Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. Unit 2 shall demonstrate its ability to operate at or above 93% of its nominal gross output of 715MW (665MW – 715MW) with emissions that contain on average 0.055 lb/mmBTU or less as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715MW (572MW – 715MW) with emissions that contain on average 0.058 lb/mmBTU or less as measured by the CEMS over a continuous 72-hour period.

5. Unit 2 shall demonstrate its ability to operate at or above 80% of its nominal gross output of 715NW (572MW – 715MW) with emissions that contain on average 0.07 lb/mmBTU or less as measured by the CEMS over a continuous 120-hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently.

6. CEMS are operational and demonstrate the capability of monitoring the NOx emissions to satisfy the parameters in items (3), (4) and (5) above.

IN-SERVICE TESTING REPORT

La Cygne Unit 1

B&V PROJECT NO. 166817

Missouri Case No. ER-2014-0370

PREPARED FOR

Kansas City Power & Light

BLACK & VEATCH
Building a world of difference.®

Schedule RNB-11

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1.0 Executive Summary

Kansas City Power & Light Company (KCP&L) performed in-service testing of the Unit 1 La Cygne Air Quality Control (AQC) equipment during the period from April 2, 2015 through April 30, 2015. Tested AQC equipment for Unit 1 is limited to particulate and sulfur dioxide (SO_2) control equipment as nitrogen oxide (NO_x) control equipment was previously installed on Unit 1 and placed into service in 2007. KCP&L previously consulted the Staff of the Missouri Public Service Commission (MPSC) to develop in-service test criteria that established specific construction and performance conditions that the La Cygne Unit 1, Unit 2 and Common plant related AQC equipment had to meet in order to demonstrate that the environmental control equipment was in-service and "used and required to be used" for service to KCP&L's customers. As of April 30, 2015, KCP&L successfully achieved each in-service criterion for Unit 1.

2.0 La Cygne Project Description and Background

La Cygne Generating Station Unit 1 operates at a nominal capacity of 810 MW and burns subbituminous Powder River Basin (PRB) coal blended with bituminous coal up to an 85% PRB / 15% bituminous blend. It has its own flue contained in the Common concrete shell. The unit is located at the La Cygne Generating Station near La Cygne, Kansas.

The La Cygne Environmental Retrofit Project included the addition of state of the art environmental controls on the existing unit that meets or exceeds Best Available Control Technology standards at the time the permit was issued. The Unit 1 AQC equipment arrangement upon completion of the Environmental Retrofit Project will include a previously installed selective catalytic reduction (SCR) system, a pulse-jet fabric filter (PJFF), induced draft (ID) fans, a wet flue gas desulfurization (WFGD) system, and a dual-flue chimney (single common chimney shell shared with Unit 2 with a separate flue for each unit). Additional equipment, commonly shared by Unit 1 and Unit 2 and essential to the operation of the AQC equipment on both units, is referred to as Common equipment. This equipment includes, but is not limited to, auxiliary power, fire protection, potable water, and gypsum, limestone, and fly ash handling equipment. Further discussion of the in-service of Common equipment is included in the Unit 2 and Common In-Service Testing Report.

3.0 In-Service Test Criteria and Procedures

The new La Cygne Unit 1 AQC equipment provides control for two distinct criteria air emissions: SO_2 and particulate matter (PM) less than 10 microns as both filterable (PM_{10F}) and total (PM_{10T}), each with distinct in-service criteria. The two main control systems for these emission types include the PJFF for particulate removal and the WFGD for SO_2 removal, although some of the control equipment does provide co-beneficial removal of other air emissions. Control of each of the two emission types is necessary to meet the in-service criteria in order for the AQC equipment to be considered in-service. In-service criteria, attached to this Report as Attachment A, includes: (1) Completion of all major construction work for Unit 1; (2) Successful completion of all pre-operational tests; and (3) AQC equipment had to successfully meet certain in-service performance criteria.

The in-service criteria contained specific 4-hour, 72-hour and 120-hour testing requirements for SO_2 emissions, and 4-hour and 120-hour testing requirements for PM_{10F} and PM_{10T} emissions. The in-service criteria included requirements that the 4-hour particulate testing be executed at greater than or equal to 90 percent design load (729 MW), the 4-hour SO_2 testing be executed at greater than or equal to 93 percent design load (753 MW), and the 72-hour SO_2 testing along with all 120-hour testing be executed at greater than or equal to 80 percent design load (648 MW). In-service

criterion required that the Continuous Emission Monitoring System (CEMS) be operational and demonstrate the capability of monitoring PM_{10F}, PM_{10T} and SO_2 emission levels.

The final tie-in of the Unit 1 AQC equipment was completed during the La Cygne Spring 2015 outage. La Cygne Environmental Partners (LEP), the Engineer-Procure-Construct (EPC) contractor for the Environmental Retrofit Project, completed necessary construction and pre-operational tests on the AQC systems to support unit start-up on March 25, 2015. Attachment B - La Cygne Unit 1 Construction Completion & Commissioning Status provides the construction completion and commissioning dates of all the major equipment.

Unit 1 operation during the period from April 2, 2015 through April 30, 2015 provided demonstration of compliance with the SO_2 and particulate matter in-service criteria. Several unit boiler outages, unrelated to the AQC equipment, delayed completion of the SO_2 in-service test and particulate matter testing. Particulate matter test runs were conducted by C.E.M. Solutions on April 17 and 18, 2015 to measure PM_{10F} and PM_{10T}. Since PM CEMS systems can only measure the filterable portion of PM_{10} and not the condensable portion of particulate emissions that the EPA also defines as part PM_{10T}, this testing was necessary to allow the development of a correlation factor between the PM_{10F} and PM_{10T} emissions. The PM CEMS uses this correlation factor to calculate the PM_{10T} emission from the measured PM_{10F} emission. This PM_{10} testing is in addition to the PM CEMS correlation testing performed by C.E.M. Solutions that is necessary per EPA regulations to allow development of a correlation curve of the filterable emissions to actual stack measurements. All PM testing was conservatively completed using EPA Method 5B/202 which includes particulate smaller and greater than 10 microns. The practice of using this test method is commonly allowed by regulators as it is easier and more practical to complete as compared to methods that only measure PM_{10}.

SO_2 and PM emission data was measured and stored by the CEMS on 1-minute emission averages. This 1-minute data was collected and used to calculate 10-minute averages as the calculation of 10-minute averages by the CEMS is not a typical EPA reporting format. The use of the 10-minute averages follows the precedent set by the previous in-service testing completed by KCP&L for the Iatan plant. It is noted that the CEMS performs automatic calibrations, ranging in duration from 20 to 30 minutes and hourly probe blowbacks. During those calibration periods and probe blowbacks, in accordance with EPA regulations, the CEMS marks the data as invalid and, as a result, some 10-minute reporting periods can be impacted. General EPA reporting protocol was followed which used all valid data collected during a 10-minute period to determine the 10-minute average. The time stamps on averaging period indicates the end of the averaging period, *i.e.*, an averaging period noted ending in the 10th minute of the hour encompasses the time period of 00:00 through 09:59. All 10-minute averaging periods during which no valid data was collected were marked as "Invalid Data" and that averaging period was excluded from consideration in the operating period. As noted, the exclusion of these invalid data periods is common to normal operation and allowed under EPA protocol. All of these 10-minute operating periods are clearly identified with the note "Invalid Data" in the data presented.

Attachment C provides a summary of the PM_{10F} and PM_{10T} correlation testing from the testing contractor, C.E.M. Solutions. This summary includes the correlation factor calculation, results of the PM CEMS correlation verification and results of the Relative Accuracy Test Audit (RATA) testing completed by LEP and their subcontractor, C.E.M. Solutions. C.E.M. Solutions testing has identified that the CEMS achieved provisional acceptance by meeting all EPA 40 CFR Part 75 requirements.

A summary of the in-service criteria and test results is given in Table 1.

Table 1 MPSC In-Service Criteria and Test Results

IN-SERVICE CRITERIA	IN-SERVICE EMISSION CRITERIA, LB/MMBTU		IN-SERVICE LOAD CRITERIA, MW	
	CRITERIA LIMIT	ACTUAL TEST MAXIMUM	CRITERIA LIMIT	ACTUAL TEST MINIMUM
4-hour PM_{10} filterable emissions at ≥ 90 percent design load (10 min avg)	≤ 0.013	0.008	≥729	732
4-hour PM_{10} total emissions at ≥ 90 percent design load (10 min avg)	≤ 0.022	0.017(2)	≥729	732
120-hour PM_{10} filterable emissions at ≥80percent design load (10 min avg)	≤ 0.014	0.008	≥648	662
120-hour PM_{10} total emissions at ≥ 80 percent design load (10 min avg)	≤ 0.023	0.017(2)	≥648	662
4-hour SO_2 emissions at ≥ 93 percent design load (10 min avg)	≤ 0.055 (3)	0.011	≥753	754
72- hour SO_2 emissions at ≥80 percent design load (10 min avg) (1)	≤ 0.058 (4)	0.041	≥648	669
120-hour SO_2 emissions at ≥80 percent design load (10 min avg) (1)	≤ 0.07	0.050	≥648	662

Notes:

1. 72 hour and 120 hour test periods may, but are not required to, occur concurrently.
2. Using correlation factor of PM_{10F} to PM_{10T} total emissions as determined by previous testing and implemented in the PM CEMS.
3. The less strict requirement of this limit or a 97.8 removal efficiency criterion was to be met. The removal efficiency requirement is stricter and not required to be met based on the fuels burned for this testing.
4. The less strict requirement of this limit or a 97.7 removal efficiency criterion was to be met. The removal efficiency requirement is stricter and not required to be met based on the fuels burned for this testing.

Each of the tests listed in Table 1 are described in more detail in the subsequent sections of this report. Note that all times reported in this report and attachments are based on Central Standard Time as the CEMS clock does not adjust for daylight savings time.

4.0 In-Service Particulate Reduction Test and Results

The completion of major construction of the various PJFF subsystems occurred prior to the first fire of the Unit after completing its outage. The pre-operational tests of the various PJFF subsystems (*i.e.*, fabric filter compartments, dampers, damper controls, air compressors, thermocouples and differential pressure transmitters, pulse jet air system and ash removal system) were completed prior to the initial operation of the fabric filter in March 2015. Operating personnel pre-coated the fabric filter bags in accordance with the manufacturer's recommendations prior to flue gas first being emitted to the fabric filter. Boiler unit operations and requirements for other operational tests prevented the in-service emission testing from beginning until April 23, 2015.

In-Service Particulate Reduction Test Results:

Following the required stack emission testing for the development of the correlation curve for the PM CEMS and the PM_{10F} to PM_{10T} correlation factor as explained in Section 3, the PM_{10} 4-hour testing began at 0230 on April 23, 2015 and ended at 0700 on April 23, 2015, with the PM CEMS providing measurement of the emissions. The maximum PM_{10F} measurement for the test period was 0.008 lb/MMBtu with an average of 0.008 lb/MMBtu, while the maximum PM_{10T} measurement was 0.017 lb/MMBtu with an average of 0.017 lb/MMBtu. Minimum unit load during the test was 732 MW (representing 90 percent of design load). Attachment D - 4-Hour Particulate Test Results provides the full data from this testing.

The PM_{10} 120-hour testing began at 0130 on April 25, 2015 and ended at 0400 April 30, 2015, with the PM CEMS providing measurement of the emissions. The maximum PM_{10F} measurement for the test period was 0.008 lb/MMBtu with an average of 0.008 lb/MMBtu, while the maximum PM_{10T} measurement was 0.017 lb/MMBtu with an average of 0.017 lb/MMBtu. Minimum unit load during the test was 662 MW (representing 82 percent of design load). Attachment E - 120-Hour Particulate Test Results provides the full data from this testing.

The test data shows that particulate emission controls successfully maintained the emissions at or below the 4-hour criterion limits of 0.013 lb/MMBtu for PM_{10F} and 0.022 lb/MMBtu for PM_{10T} and the 120- hour testing limits of 0.014 lb/MMBtu for PM_{10F} and 0.023 lb/MMBtu for PM_{10T}. On this basis, KCP&L satisfied the particulate reduction in-service criterion.

5.0 In-Service SO_2 Reduction Test and Results

The completion of major construction of the various absorber and reagent preparation subsystems occurred in March 2015 to allow start-up of Unit 1 in late-March 2015. The pre-operational tests of the various absorber and reagent preparation subsystems (*i.e.*, absorber vessel, recycle pumps, mist eliminator, reagent feed system, absorber bleed system, limestone conveying system, ball mills, reclaim water system, filter feed system, and gypsum dewatering and conveying systems) were completed prior to flue gas first being emitted to the system. Boiler unit operations and requirements for other operational tests prevented the in-service emission testing from beginning until April 2, 2015.

The SO_2 reduction in-service testing began April 2, 2015. The complete data for the SO_2 testing results are provided in Attachment F - 4-Hour SO_2 Test Results, Attachment G - 72-Hour SO_2 Test Results and Attachment H - 120-Hour SO_2 Test Results.

In-Service SO_2 Test Results:

The 4-hour in-service test was started at 1210 April 2, 2015 and concluded at 1610 April 2, 2015. The maximum output of SO_2 at the stack during this period was 0.011 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.010 lb/MMBtu. Minimum unit load was 754 MW (representing 93 percent of design load), while average load was 757 MW. The 10-minute average test data included in Attachment F shows that SO_2 emissions over the 4-hour test were successfully maintained below the in-service criterion limit of 0.055 lb/MMBtu. On this basis, KCP&L satisfied the 4-hour SO_2 reduction in-service criterion.

The 72-hour in-service test was started at 1300 April 17, 2015 and concluded at 1430 April 20, 2015. During this time period, the maximum output of SO_2 at the stack was 0.041 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.029 lb/MMBtu. Minimum load during the test was 669 MW (representing 83 percent of design load), while average load was 742 MW. The 10-minute average test data included in Attachment G shows that SO_2 emissions over the 72-hour test were successfully maintained below the in-service criteria limit of 0.058 lb/MMBtu. On this basis, KCP&L satisfied the 72-hour SO_2 reduction in-service criterion.

The 120-hour in-service test was started at 0130 April 25, 2015 and concluded at 0400 April 30, 2015. During this time period, the maximum output of SO_2 at the stack was 0.050 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.025 lb/MMBtu. Minimum load during the test was 662 MW (representing 82 percent of design load), while the average load was 748 MW. The 10-minute average test data included in Attachment H show that SO_2 emissions over the 120-hour test were successfully maintained below the in-service criteria limit of 0.07 lb/MMBtu. On this basis, KCP&L satisfied the 120-hour SO_2 reduction in-service criterion.

6.0 Conclusion

KCP&L and its contractors have completed all major construction and pre-operational testing of the La Cygne Unit 1 AQC systems. During the period of April 2 through April 30, 2015 the individual testing of the two air emission types, particulate and SO_2, identified as the in-service criteria, demonstrated the ability of the primary control systems to meet the in-service criteria by fulfilling the 4-hour, 72-hour and 120-hour tests. The CEMS certification tests completed by LEP and their subcontractor, C.E.M. Solutions, demonstrated the ability of the CEMS to measure the SO_2 emissions. PM_{10} stack measurements and results submitted by the testing subcontractor, C.E.M. Solutions, provide the necessary data to correlate and demonstrate the ability of the PM CEMS to measure PM_{10} emissions. Therefore, the La Cygne Unit 1 AQC Systems have successfully met each of the in-service criteria and as of April 30, 2015 can be declared "used and required to be used" for service to KCP&L's customers.

Attachment A. In-Service Test Criteria

MPSC In-Service Criteria for La Cygne Unit 1

PM10 Compliance – La Cygne Unit 1

1. All major construction work for Unit 1.

2. All preoperational tests for Unit 1 have been successfully completed.

3. PM10 filterable: Unit 1 shall demonstrate its ability to operate at or above 90 percent of its nominal gross output of 810 MW (729 MW – 810 MW) with emissions that contain on average 0.013 lb/mmBTU or less as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. PM10 filterable: Unit 1 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 810 MW (648 MW – 810 MW) with emissions that contain on average 0.014 lb/mmBTU or less as measured by the CEMS over a continuous 120 hour period.

5. PM10 total: Unit 1 shall demonstrate its ability to operate at or above 90 percent of its nominal gross output of 810 MW (729 MW – 810 MW) with emissions that contain on average 0.022 lb/mmBTU or less as measured by the CEMS over a continuous four (4) hour period.

6. PM10 total: Unit 1 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 810 MW (648 MW – 810 MW) with emissions that contain on average 0.023 lb/mmBTU or less as measured by the CEMS over a continuous 120 hour period.

7. CEMS are operational and demonstrate the capability of monitoring the PM10 emissions to satisfy the parameters in items (3), (4), (5) and (6) above.

SO_2 Compliance – La Cygne Unit 1

1. All major construction work for Unit 1 is complete.

2. All preoperational tests for Unit 1 have been successfully completed.

3. Unit 1 shall demonstrate its ability to operate at or above 93 percent of its nominal gross output of 810 MW (753 MW – 810 MW) with emissions that contain on average 0.055 lb/mmBTU or less (or 97.8 percent removal, whichever is less stringent) as measured by the CEMS over a continuous four (4) hour period.

4. Unit 1 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 810 MW (648 MW – 810 MW) with emissions that contain on average 0.058 lb/mmBTU or less (or 97.7 percent removal, whichever is less stringent) as measured by the CEMS over a continuous 72 hour period.

5. Unit 1 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 810 MW (648 MW – 810 MW) with emissions that contain on average 0.07 lb/mmBTU or less (or 97.7 percent removal, whichever is less stringent) as measured by the CEMS over a continuous 120 hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently

6. CEMS are operational and demonstrate the capability of monitoring the SO_2 emissions to satisfy the parameters in items (3), (4) and (5) above.

Attachment B. Construction Completion & Commissioning Status

KCP&L LaCygne Unit 1 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
T/O Packs: PWR Power T/O Packs					
T/O Packs: PWR.01GRD-01.02 Ground Grid Unit 1 & 2 - Energization					
ST09.01GRD-01.02to	TO System to Start Up [Ground Grid Unit 1 - Energization(01GRD-01.02)]	8	100%	12-20-13 A	12-22-13 A
ST09.01GRD-01.02gc	Ground Checks [Ground Grid Unit 1 - Energization(01GRD-01.02)]	96	100%	02-19-14 A	03-14-14 A
T/O Packs: PWR.01DCU-01.01 Commission System [DC & UPS System Unit 1(01DCU-01.01)]					
ST09.01DCU-01.01to	TO System to Start Up [DC & UPS System Unit 1(01DCU-01.01)]	16	100%	01-08-14 A	01-09-14 A
ST09.01DCU-01.01cs	Commission System [DC & UPS System Unit 1(01DCU-01.01)]	8	100%	04-04-14 A	05-14-14 A
T/O Packs: PWR.01AUX-01.01 Unit 1 Aux Transformer					
ST09.01AUX-01.01to	TO System to Start Up [Unit 1 Aux Transformer(01AUX-01.01)]	16	100%	01-15-14 A	01-17-14 A
ST09.01AUX-01.01ek	Energize and Soak [Unit 1 Aux Transformer(01AUX-01.01)]	8	100%	03-21-14 A	03-21-14 A
T/O Packs: PWR.01EMB-01.01 13.8 KV BUS 11A and 11B					
ST09.01EMB-01.01to	TO System to Start Up [13.8 KV Bus 11A and 11B(01EMB-01.01)]	16	100%	01-15-14 A	01-17-14 A
ST09.01EMB-01.01es	Energize Switchgear Bus [13.8 KV Bus 11A and 11B(01EMB-01.01)]	8	100%	05-15-14 A	05-15-14 A
T/O Packs: PWR.01EMB-02.01 Unit 1 MV BUS 1G and 1H (6.9KV)					
ST09.01EMB-02.01to	TO System to Start Up [Unit 1 MV BUS 1G and 1H(01EMB-02.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.01EMB-02.01es	Energize Switchgear Bus [Unit 1 MV BUS 1G and 1H(01EMB-02.01)]	8	100%	06-24-14 A	06-24-14 A
T/O Packs: PWR.01ELS-02.01 Unit 1 LV Bus Absorber - 480V					
ST09.01ELS-02.01to	TO System to Start Up [Unit 1 LV Bus Absorber(01ELS-02.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.01ELS-02.01es	Energize SWGR [Unit 1 LV Bus Absorber(01ELS-02.01)]	24	100%	06-03-14 A	06-05-14 A
T/O Packs: PWR.01ELM-02.01 LV MCC's 12A/13A - Absorber Unit 1- 480V					
ST09.01ELM-02.01to	TO System to Start Up [LV MCC's 12A/13A-Absorber Sunit 1(01ELM-02.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.01ELM-02.01em	Energize MCC [LV MCC's 12A/13A-Absorber Sunit 1(01ELM-02.01)]	16	100%	06-17-14 A	06-18-14 A
T/O Packs: PWR.01ELS-01.01 Unit 1 LV Bus FF-ABS - 480V					
ST09.01ELS-01.01to	TO System to Start Up [Unit 1 LV Bus FF(01ELS-01.01)]	16	100%	02-11-14 A	02-12-14 A
ST09.01ELS-01.01mi	Commission [Unit 1 LV Bus FF(01ELS-01.01)]	24	100%	05-28-14 A	05-30-14 A
T/O Packs: PWR.01ELM-01.01 LV MCC's 14A/15A - FF Unit 1 - 480V					
ST09.01ELM-01.01to	TO System to Start Up [LV MCC's 14A/15A-FF Unit 1(01ELM-01.01)]	16	100%	07-02-14 A	07-02-14 A
ST09.01ELM-01.01em	Energize MCC [LV MCC's 14A/15A-FF Unit 1(01ELM-01.01)]	32	100%	07-21-14 A	07-24-14 A
T/O Packs: PWR.02HTR-01.01 Unit 2 Heat Trace					
ST09.02HTR-01.01to	TO System to Start Up [Heat Trace (02HTR-01.01)]	16	100%	03-10-15 A	03-11-15 A
ST09.02HTR-01.01cp	Commission [Heat Trace (02HTR-01.01)]	40	100%	11-24-14 A	03-25-15 A
T/O Packs: WTR Water T/O Packs					
T/O Packs: WTR.01EDS-02.01 Unit 1 Plant Drains- Lime Area					
ST09.01EDS-02.01to	TO System to Start Up [Unit 1 Plant Drains-Lime Area(01EDS-02.01)]	8	100%	10-03-14 A	10-03-14 A
ST09.01EDS-02.01cs	Commission System [Unit 1 Plant Drains-Lime Area(01EDS-02.01)]	16	100%	11-25-14 A	11-26-14 A
T/O Packs: WTR.01EDS-01.01 Unit 1 Plant Drains- AQCS					
ST09.01EDS-01.01to	TO System to Start Up [Unit 1 Plant Drains-AQCS(01EDS-01.01)]	16	100%	04-29-14 A	04-29-14 A
ST09.01EDS-01.01cs	Commission System [Unit 1 Plant Drains-AQCS(01EDS-01.01)]	16	100%	05-08-14 A	05-09-14 A
T/O Packs: WTR.01FD-01.01 Floor Drains - Unit 1					
ST09.01FD-01.01to	TO System to Start Up [Floor Drains - Unit 1(01FD-01.01)]	16	100%	08-08-14 A	08-08-14 A
ST09.01FD-01.01mc	Mechanical Equip Pre-Comm Checks [Floor Drains - Unit 1(01FD-01.01)]	24	100%	11-17-14 A	11-19-14 A
ST09.01FD-01.01el	Electrical Equip Pre-Comm Checks [Floor Drains - Unit 1(01FD-01.01)]	24	100%	11-17-14 A	11-19-14 A
T/O Packs: WTR.00AQW-01.01 AQC Pond Water					
AQC2001	T/O AQCS Pond Pumps to Start Up	20	100%	03-20-15 A	03-21-15 A
AQC2005	Commission AQCS Pond Pumps	40	100%	04-26-15 A	04-28-15 A
T/O Packs: WTR.00SDS-01.01 Sanitary Drains System					
ST09.00SDS-01.01to	TO System to Start Up [Sanitary Drain(00SDS-01.01)]	16	100%	03-23-15 A	03-24-15 A
ST09.00SDS-01.01cs	Commission System [Sanitary Drain(00SDS-01.01)]	16	100%	04-15-15 A	04-17-15 A
T/O Packs: ASH Fly Ash T/O					
T/O Packs: ASH.01ADC-01.02 Unit 1 Hoppers & Transport Piping					
ST09.01ADC-01.02to	TO System to Start Up [Unit 1 Hoppers & Transport Piping (01ADC-01.02)]	16	100%	07-03-14 A	07-03-14 A
ST09.01ADC-01.02cs	Commission System [Unit 1 Hoppers & Transport Piping (01ADC-01.02)]	40	100%	09-25-14 A	01-02-15 A
T/O Packs: ASH.01ADC-01.04 Unit 1 Unloading/ Disposal					
ST09.01ADC-01.04to	TO System to Start Up [Unloading/Disposal Unit 1 (01ADC-01.04)]	16	100%	08-20-14 A	08-20-14 A
ST09.01ADC-01.04cs	Commission System [Unloading/Disposal Unit 1 (01ADC-01.04)]	16	100%	04-08-15 A	04-17-15 A
T/O Packs: ASH.00ADC-01.02 Spare Filter Separator					
ST09.00ADC-01.02to	TO System to Start Up [Spare Filter Separator(00ADC-01.02)]	16	100%	09-05-14 A	09-05-14 A
ST09.00ADC-01.02cs	Commission System [Spare Filter Separator(00ADC-01.02)]	8	100%	04-06-15 A	04-17-15 A
T/O Packs: FFS Fabric Filter T/O					
T/O Packs: FFS.01FFS-01.02 Unit 1 Cleaning Air Blowers					
ST09.01FFS-01.02to	TO System to Start Up [Unit 1 Seal Air Blowers(01FFS-01.02)]	16	100%	08-19-14 A	08-19-14 A
ST09.01FFS-01.02cs	Commission System [Unit 1 Seal Air Blowers(01FFS-01.02)]	40	100%	11-24-14 A	03-06-15 A
T/O Packs: FFS.01FFS-01.01 Unit 1 Fabric Filter					
ST09.01FFS-01.01to	TO System to Start Up [Unit 1 Fabric Filter (01FFS-01.01)]	16	100%	08-19-14 A	08-19-14 A
ST09.01FFS-01.01ch	Commission Fabric Filters [Unit 1 Fabric (01FFS-01.01)]	40	100%	03-09-15 A	03-18-15 A
T/O Packs: FAN ID Fan T/O Packs					
T/O Packs: FAN.01IDF-03.02 Fan 1C L/O/Hyd system					
ST09.01IDF-03.02to	TO System to Start Up [Fan 1C LO/Hyd System(01IDF-03.02)]	16	100%	08-22-14 A	08-22-14 A
ST09.01IDF-03.02cs	Commission System [Fan 1C LO/Hyd System(01IDF-03.02)]	40	100%	11-06-14 A	11-12-14 A
T/O Packs: FAN.01IDF-02.02 Fan 1B L/O/Hyd system					
ST09.01IDF-02.02to	TO System to Start Up [Fan 1B LO/Hyd System(01IDF-02.02)]	16	100%	08-22-14 A	08-22-14 A
ST09.01IDF-02.02cs	Commission System [Fan 1B LO/Hyd System(01IDF-02.02)]	40	100%	11-06-14 A	11-12-14 A
T/O Packs: FAN.01IDF-01.02 Fan 1A L/O/Hyd system					
ST09.01IDF-01.02to	TO System to Start Up [Fan 1A LO/Hyd System(01IDF-01.02)]	16	100%	08-22-14 A	08-22-14 A
ST09.01IDF-01.02cs	Commission System [Fan 1A LO/Hyd System(01IDF-01.02)]	40	100%	11-06-14 A	11-12-14 A
T/O Packs: FAN.01IDF-01.01 ID Fan 1A					
ST09.01IDF-01.01to	TO System to Start Up [ID Fan 1A(01IDF-01.01)]	16	100%	10-29-14 A	10-30-14 A
ST09.01IDF-01.01of	Operate Fans Pre-Outage [ID Fan 1A(01IDF-01.01)]	16	100%	03-11-15 A	03-12-15 A
T/O Packs: FAN.01IDF-02.01 ID Fan 1B					
ST09.01IDF-02.01to	TO System to Start Up [ID Fan 1B(01IDF-02.01)]	16	100%	10-22-14 A	10-22-14 A
ST09.01IDF-02.01of	Operate Fans Pre-Outage [ID Fan 1B(01IDF-02.01)]	40	100%	03-16-15 A	03-23-15 A
T/O Packs: FAN.01IDF-03.01 ID Fan 1C					
ST09.01IDF-03.01to	TO System to Start Up [ID Fan 1C(01IDF-03.01)]	16	100%	10-22-14 A	10-22-14 A
ST09.01IDF-03.01of	Operate Fans Pre-Outage [ID Fan 1C(01IDF-03.01)]	40	100%	02-24-15 A	02-25-15 A

DD: 05-03-15

KCP&L LaCygne Unit 1 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
T/O Packs: FGD FGD T/O Packs					
T/O Packs: FGD.01FGD-01.01 Unit 1 Fuel Gas Desulfurization					
ST09.01FGD-01.01to	TO System to Start Up [Unit 1 Flue Gas Desulfurization(01FGD-01.01)]	16	100%	10-17-14 A	10-17-14 A
ST09.01FGD-01.01cs	Commission System [Unit 1 Flue Gas Desulfurization(01FGD-01.01)]	40	100%	03-16-15 A	03-20-15 A
T/O Packs: FGD.01ARS-01.01 Unit 1 Absorber Recycle System					
ST09.01ARS-01.01to	TO System to Start Up [Unit 1 Absorber Recycle System(01ARS-01.01)]	16	100%	08-28-14 A	08-28-14 A
ST09.01ARS-01.01cs	Commission System [Unit 1 Absorber Recycle System(01ARS-01.01)]	16	100%	03-16-15 A	03-18-15 A
T/O Packs: FGD.01MEW-01.01 Unit 1 Mist Eliminator WAS Water System					
ST09.01MEW-01.01to	TO System to Start Up [Unit 1 Mist Eliminator Wash Water System(01MEW-01.01)]	16	100%	08-11-14 A	08-11-14 A
ST09.01MEW-01.01cs	Commission System [Unit 1 Mist Eliminator Wash Water System(01MEW-01.01)]	40	100%	03-16-15 A	03-23-15 A
T/O Packs: FGD.01OAS-01.01 Unit 1 Oxidation Air System					
ST09.01OAS-01.01to	TO System to Start Up [Unit 1 Oxidation Air System(01OAS-01.01)]	16	100%	07-30-14 A	07-30-14 A
ST09.01OAS-01.01cs	Commission System [Unit 1 Oxidation Air System(01OAS-01.01)]	16	100%	04-27-15 A	04-28-15 A
T/O Packs: FGD.01ABL-01.01 Unit 1 Absorber Bleed System					
ST09.01ABL-01.01to	TO System to Start Up [Unit 1 Absorber Bleed System(01ABL-01.01)]	16	100%	08-16-14 A	08-16-14 A
ST09.01ABL-01.01cs	Commission System [Unit 1 Absorber Bleed System(01ABL-01.01)]	40	100%	03-16-15 A	03-23-15 A
T/O Packs: GYP Gypsum T/O Packs					
T/O Packs: GYP.01GDS-01.01 Unit 1 Gypsum Dewatering system					
ST09.01GDS-01.01to	TO System to Start Up [Unit 1 Gypsum Dewatering System(01GDS-01.01)]	16	100%	08-07-14 A	08-07-14 A
ST09.01GDS-01.01cs	Commission System [Unit 1 Gypsum Dewatering System(01GDS-01.01)]	40	100%	12-08-14 A	12-12-14 A
T/O Packs: OUT Outage T/O Packs					
T/O Packs: OUT.00WTS-01.02 Water Treatment U1 Outge (Existing Equipment)					
WTR2002	T/O Water Treatment DCS to Start Up	20	100%	03-11-15 A	03-12-15 A
WTR2032	Commissoin DCS Water Treatment System	120	100%	03-22-15 A	03-28-15 A
T/O Packs: OUT.01GRD-01.01 Unit 1& 2 Ground Grid					
ST09.01GRD-01.01to	TO System to Start Up [Ground Grid Unit 1(01GRD-01.01)]	16	100%	08-19-14 A	08-19-14 A
ST09.01GRD-01.01gc	Ground Checks [Ground Grid Unit 1(01GRD-01.01)]	8	100%	11-03-14 A	11-03-14 A
T/O Packs: OUT.01MRS-01.02 Unit 1 Tie Ins/ Outage (MRS)					
ST09.01MRS-01.02to	TO System to Start Up [Mercury Removal Unit 1 Outage Tie-ins(01MRS-01.02)]	16	100%	03-20-15 A	03-20-15 A
ST09.01MRS-01.02in	Instrumentation Pre-Comm Checks [Mercury Removal Unit 1 Outage Tie-ins(01MRS-01.02)]	8	100%	03-30-15 A	04-17-15 A
ST09.01MRS-01.02mc	Mechanical Equip Pre-Comm Checks [Mercury Removal Unit 1 Outage Tie-ins(01MRS-01.02)]	8	100%	03-30-15 A	04-17-15 A
ST09.01MRS-01.02el	Electrical Equip Pre-Comm Checks [Mercury Removal Unit 1 Outage Tie-ins(01MRS-01.02)]	8	100%	03-30-15 A	04-17-15 A
T/O Packs: OUT.01CEMS-01.01 Unit 1 CEMS					
ST09.01CEM-01.01to	TO System to Start Up [Unit 1 CEMS(01CEM-01.01)]	16	100%	02-12-15 A	02-13-15 A
ST09.01CEM-01.01ct	Certification Testing [Unit 1 CEMS(01CEM-01.01)]	56	100%	03-27-15 A	04-03-15 A
T/O Packs: OUT.01IDF-01.03 Unit 1 Flue Gas Duct and Outage Tie-Ins					
ST09.01IDF-01.03mc	Mechanical Equip Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01IDF-01.03)]	8	100%	03-11-15 A	03-11-15 A
ST09.01IDF-01.03el	Electrical Equip Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01IDF-01.03)]	8	100%	03-11-15 A	03-11-15 A
ST09.01IDF-01.03to	TO System to Start Up [Unit 1 Flue Gas Duct and Outage Tie-Ins(01IDF-01.03)]	16	100%	03-10-15 A	03-11-15 A
ST09.01IDF-01.03in	Instrumentation Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01IDF-01.03)]	8	100%	10-23-14 A	03-13-15 A
T/O Packs: OUT.01CMY01-01 Unti 1 Chimney					
ST09.01CMY-01.01to	TO System to Start Up [Unit 1 Flue Gas Duct and Outage Tie-Ins(01CMY-01.01)]	16	100%	06-25-14 A	06-25-14 A
ST09.01CMY-01.01in	Instrumentation Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.01CMY-01.01mc	Mechanical Equip Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.01CMY-01.01el	Electrical Equip Pre-Comm Checks [Unit 1 Flue Gas Duct and Outage Tie-Ins(01CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A

DD: 05-03-15

Attachment C. Continuous Emission Monitoring Verification

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 1
RATA
Date:4/15/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	SO_2 RM DRY ppm	SO_2 CEM DRY ppm	Difference Like ppm
Run 1	15-Apr	7:15:00	8:04:00	700	7.1	10.6	-3.5
Run 2	15-Apr	8:38:00	8:59:00	700	9.3	11.2	-1.9
Run 3	15-Apr	9:19:00	9:40:00	700	9.7	11.5	-1.8
Run 4	15-Apr	10:02:00	10:23:00	700	9.8	11.3	-1.5
Run 5	15-Apr	10:43:00	11:04:00	701	10.1	11.4	-1.3
Run 6	15-Apr	11:31:00	11:52:00	700	10.1	11.5	-1.4
Run 7	15-Apr	12:13:00	12:34:00	700	9.3	10.6	-1.3
Run 8	15-Apr	12:59:00	13:20:00	700	9.7	10.7	-1.0
Run 9	15-Apr	13:40:00	14:01:00	700	9.5	10.5	-1.0
Run 10	15-Apr	14:22:00	14:43:00	701	9.0	10.0	-1.0
		Average:		700	9.4 ppm	10.9 ppm	-1.6 ppm

Bias Test (pass/fail): Low Emitter-Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Low Emitter

Standard Deviation:	0.7484
Confidence Coefficient:	0.5353
T-Factor:	2.262
Number of runs Reported:	10
Relative Accuracy:	**1.570**
Maximum RA	15.00
RA Status	**Passed**

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 1
RATA
Date:4/15/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	CO2 RM DRY % V/V	CO2 CEM DRY % V/V	CO2 Difference Like % V/V
Run 1	15-Apr	7:15:00	8:04:00	700	9.9	10.1	-0.2
Run 2	15-Apr	8:38:00	8:59:00	700	10.1	10.1	0.0
Run 3	15-Apr	9:19:00	9:40:00	700	10.0	10.1	-0.1
Run 4	15-Apr	10:02:00	10:23:00	700	10.0	10.0	0.0
Run 5	15-Apr	10:43:00	11:04:00	701	10.0	10.0	0.0
Run 6	15-Apr	11:31:00	11:52:00	700	10.0	10.0	0.0
Run 7	15-Apr	12:13:00	12:34:00	700	10.0	10.0	0.0
Run 8	15-Apr	12:59:00	13:20:00	700	10.1	10.1	0.0
Run 9	15-Apr	13:40:00	14:01:00	700	10.0	10.0	0.0
Run 10	15-Apr	14:22:00	14:43:00	701	10.2	10.2	0.0
		Average:		700	10.0 %	10.1 %	0.0 %

Bias Test (pass/fail): Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Average RM Value

Standard Deviation:	0.0675
Confidence Coefficient:	0.0483
T-Factor:	2.262
Number of runs Reported:	10
Relative Accuracy:	**0.8**
Maximum RA	10.0
RA Status	**Passed**

C.E.M. SOLUTIONS
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www.cem-solutions.com

May 11, 2015

Rick L. Lausman, P.E.
Air Quality Control Engineer
B&V Energy
11401 Lamar Avenue
Overland Park, KS 66211

Subject: Results of KCP&L LaCygne Unit 1 Total Particulate Testing

Dear Mr. Lausman,

On March 17th and 18th, 2015 C.E.M. Solutions performed emissions testing for total Particulate Matter (PM) on the Unit 1 exhaust of Kansas City Power & Light (KCP&L) Company's LaCygne Generating Station. Testing was performed while the unit was operating at full load.

Facility Description

LaCygne Unit 1 is a dry bottom wall fired boiler rated at 810 MW. Primary fuel for Unit No. 1 is blend of approximately 90% Powder River Basin coal and 10% Missouri/Kansas coal. Number 2 fuel oil may be burned as a startup fuel and for low load flame stabilization.

Emissions are controlled from Unit #2 with low NOx burners, Selective Catalytic Reduction (SCR) for NOx, a wet Flue Gas Desulfurization (FGD) system for SO_2 control, activated carbon injection for mercury (Hg) control, and a baghouse for particulate matter control. Emissions are exhausted through an approximately 604 ft. tall stack.

The facility has a Continuous Emissions Monitoring Systems (CEMS) installed at the stack location, adjacent to the PM test ports. The stack CEMS consists of a dilution extractive NO_X, SO_2, and CO_2 system. Flow and Particulates are also monitored at this location on a continuous basis.

Test Methods

All testing was performed by C.E.M. Solutions in accordance with methods approved by the USEPA. The following discusses the test methods employed.

EPA Method 5B (M5B) was used to determine filterable particulate emissions. Stack gas-samples were extracted isokinetically. Gas samples were extracted from the stack through a nozzle, heated glass lined probe and heated filter to an impinger train. Both the probe and filter were maintained at a nominal temperature of 320° F (± 25° F).

USEPA Method 202 was used to determine condensable particulate matter emissions. Stack gas was extracted isokinetically from the gas stream. Condensable particulate emissions are collected in water dropout impingers and on a Teflon filter, after filterable particulate matter has been removed on the method 5B glass fiber filter. The exit temperature of the Teflon filter was maintained at a temperature below 85° F for the duration of each test.

Test Results

PM was measured for a total sampling time of 60 minutes for each of three test runs. Total filterable particulate was determined using U.S. EPA method 5B. For the purposes of this test series, all filterable particulate matter was considered to be 10 microns or less in particle size. Condensable particulate was measured using RM202 concurrent with the M5B tests as part of the filterable particulate sampling train. Table 1 presents the individual test run results and the average of each measured parameter.

Table 1: Test Results
KCP&L LaCygne
Unit 1

Pollutant	Test Result			
	Run 1	Run 2	Run 3	Average
Date/Time	4/17/2015 15:30 – 16:36	4/17/2015 17:15 – 18:21	4/18/2015 8:55 – 10:05	-
Unit Load (MWe)	776	776	775	776
Filterable Particulate Matter (lb/mmBtu) [a]	0.0039	0.0045	0.0046	0.0043
Condensable Particulate Matter (lb/mmBtu) [a]	0.0021	0.0086	0.0037	0.0048
Total PM_{10} (lb/mmBtu) [b]	0.0061	0.0131	0.0083	0.0092

[a] Filterable Particulate was measured using RM5B, Condensable Particulate was measured using RM202
[b] Sum of Filterable and Condensable PM

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www.cem-solutions.com

Supporting test data and quality assurance results for the tests performed by C.E.M. solutions are included in a complete test report under separate cover.

Should you have any questions, please do not hesitate to contact me at my office (913) 438-7744 or my cell phone (919) 417-2148.

Sincerely,

Walter Gray
Source Testing Operations Manager
Lenexa, Kansas

Determination of Total PM to Filterable PM Correlation Factor
Particulate Matter Emissions Summary
KCP&L LaCygne -Unit 1
April 17 and 18, 2015

Run I.D.	Start Time	End Time	Filterable Particulate Matter (lb/mmBtu)	Condensable Particulate Matter (lb/mmBtu)	Total Particulate Matter (lb/mmBtu)
1	15:30	16:36	0.0041	0.0023	0.0064
2	17:15	18:21	0.0047	0.0092	0.0139
3	8:55	10:05	0.0048	0.0038	0.0086
		3 Test Total	0.0136	0.0153	0.0289
		3 test average	0.0045	0.0051	0.0096

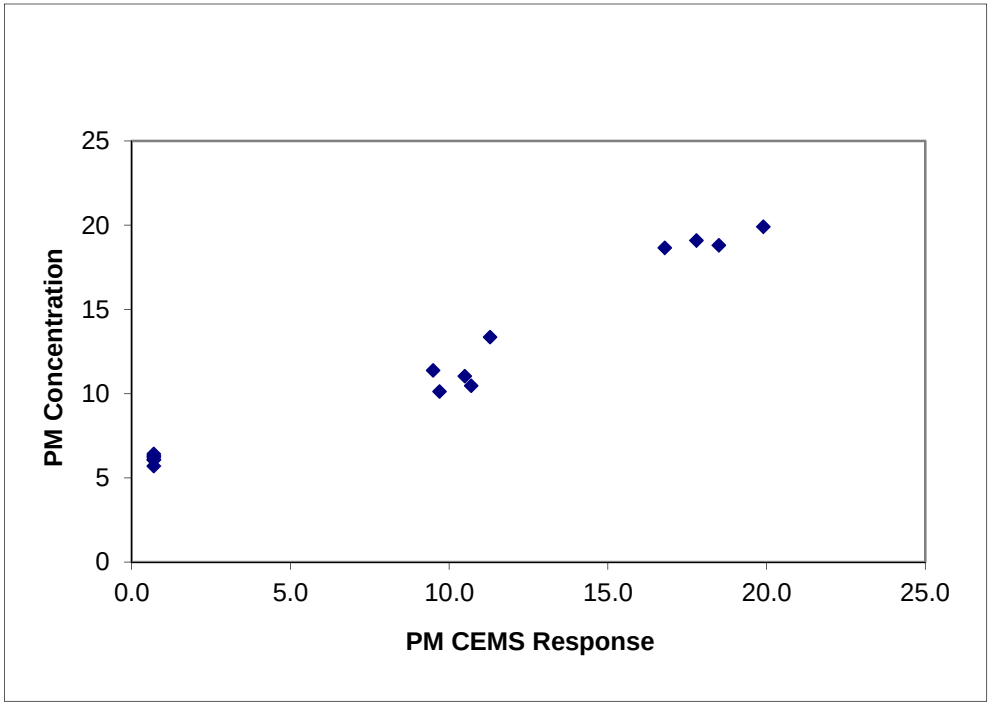
			Correlation Factor
Determine CF from combined totals	0.02890 / 0.01360	=	2.13

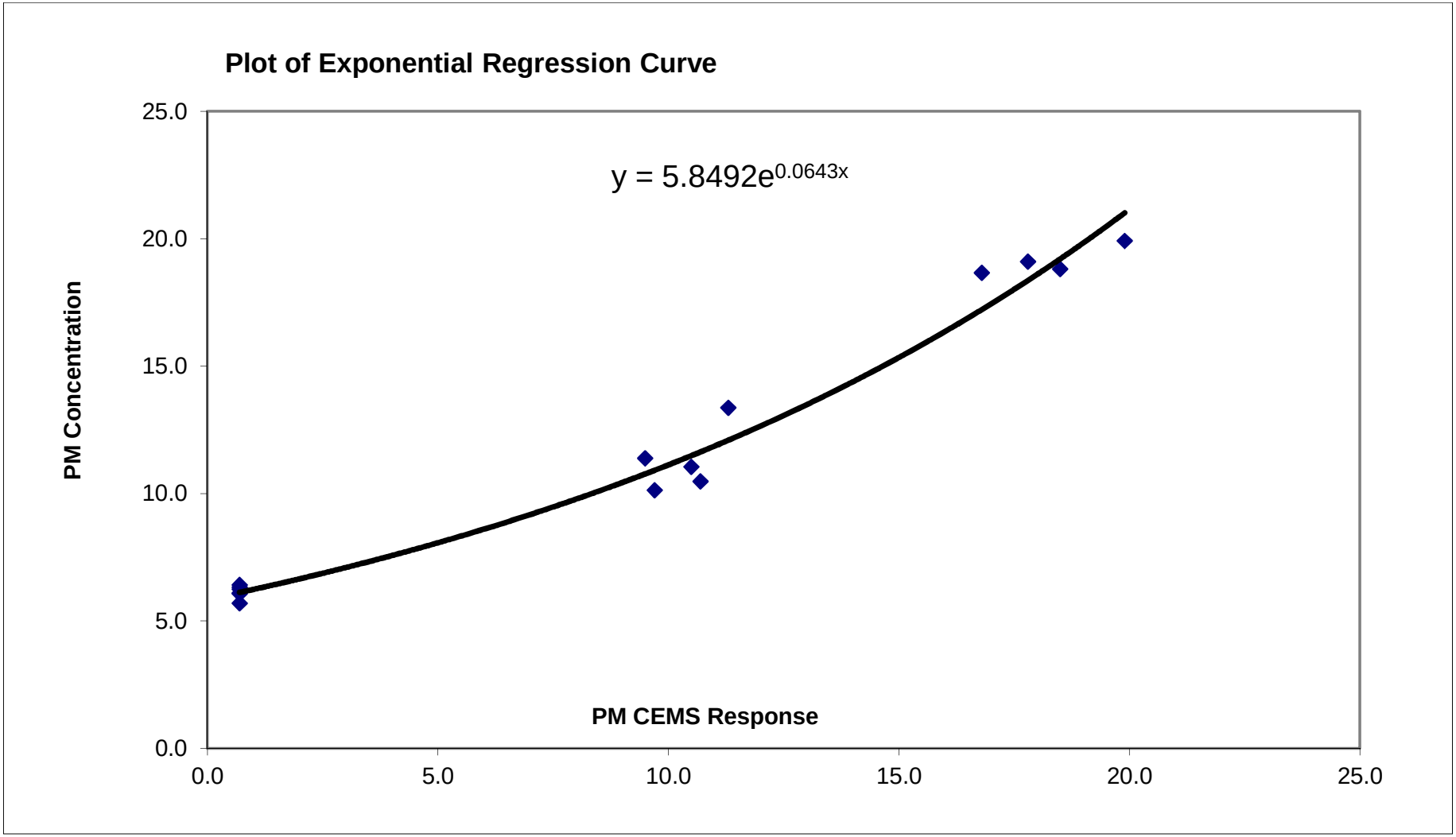
CORRELATION TEST PM CEMS AND REFERENCE METHOD TEST DATA

Run	PM CEMS response x	PM concentration mg/acm y
1	0.7	6.1
2	0.7	6.42
3	0.7	6.32
4	0.7	6.07
5	0.7	6.24
6	0.7	5.7
7	18.5	18.81
8	16.8	18.66
9	17.8	19.1
10		
11	19.9	19.91
12		
13		
14	9.5	11.38
15	10.5	11.05
16	9.7	10.13
17	11.3	13.37
18	10.7	10.47
19		
20		

Facility: **La Cygne Station**
Location: **La Cygne, Kansas**
Emission Unit: **Boiler No. 1**
Test Dates: **April 22-23, 2015**

	Value	Units
Emission limit:	**25**	**mg/acm**




Plot of Exponential Regression Curve
y = 5.8492e0.0643x
PM Concentration
PM CEMS Response
25.0
20.0
15.0
10.0
5.0
0.0
0.0
5.0
10.0
15.0
20.0
25.0

1-Minute Data Report

From: 04/17/2015 14:30 **To:** 04/17/2015 15:36 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:11 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 14:30	0.060	0.028	776.0	10.3	28.1	9.3
04/17/2015 14:31	0.059	0.028	776.5	10.3	27.8	9.4
04/17/2015 14:32	0.061	0.028	775.9	10.3	28.5	9.3
04/17/2015 14:33	0.063	0.028	776.0	10.3	29.4	9.3
04/17/2015 14:34	0.064	0.027	775.4	10.3	29.8	9.2
04/17/2015 14:35	0.064	0.027	776.0	10.3	30.2	9.2
04/17/2015 14:36	0.065	0.027	775.2	10.3	30.3	9.2
04/17/2015 14:37	0.065	0.027	774.4	10.3	30.3	9.2
04/17/2015 14:38	0.065	0.028	775.4	10.3	30.5	9.4
04/17/2015 14:39	0.067	0.028	776.0	10.3	31.3	9.4
04/17/2015 14:40	0.068	0.028	775.9	10.3	32.1	9.6
04/17/2015 14:41	0.070	0.029	775.4	10.3	33.0	9.7
04/17/2015 14:42	0.073	0.029	775.3	10.3	34.4	9.8
04/17/2015 14:43	0.075	0.029	775.9	10.3	35.3	9.8
04/17/2015 14:44	0.067	0.029	775.1	10.3	31.3	9.9
04/17/2015 14:45	0.062	0.029	775.3	10.3	29.3	9.9
04/17/2015 14:46	0.064	0.027	777.0	9.1	26.7	8.1
04/17/2015 14:47	0.064	0.028	777.9	10.2	29.8	9.5
04/17/2015 14:48	0.064	0.028	777.4	10.2	29.7	9.4
04/17/2015 14:49	0.064	0.028	776.4	10.3	29.9	9.5
04/17/2015 14:50	0.065	0.028	776.8	10.3	30.7	9.5
04/17/2015 14:51	0.067	0.028	776.4	10.3	31.2	9.4
04/17/2015 14:52	0.064	0.028	776.4	10.3	30.1	9.5
04/17/2015 14:53	0.058	0.028	775.4	10.3	27.1	9.5
04/17/2015 14:54	0.056	0.028	775.9	10.3	26.1	9.5
04/17/2015 14:55	0.054	0.028	776.3	10.3	25.1	9.5
04/17/2015 14:56	0.054	0.028	775.9	10.3	25.2	9.6
04/17/2015 14:57	0.055	0.029	775.6	10.3	25.6	9.7
04/17/2015 14:58	0.058	0.029	776.1	10.3	27.1	9.7
04/17/2015 14:59	0.065	0.029	775.0	10.3	30.6	9.8

1-Minute Data Report

From: 04/17/2015 14:30 **To:** 04/17/2015 15:36 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:11 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 15:00	0.067	0.029	775.3	10.3	31.2	9.7
04/17/2015 15:01	0.068	0.028	775.3	10.3	31.7	9.6
04/17/2015 15:02	0.070	0.029	775.8	10.2	32.3	9.6
04/17/2015 15:03	0.070	0.029	775.8	10.2	32.5	9.7
04/17/2015 15:04	0.068	0.029	776.1	10.3	31.8	9.7
04/17/2015 15:05	0.067	0.029	776.0	10.3	31.5	9.9
04/17/2015 15:06	0.068	0.030	776.1	10.3	31.9	10.0
04/17/2015 15:07	0.068	0.030	775.2	10.3	32.1	10.1
04/17/2015 15:08	0.069	0.030	775.8	10.3	32.2	10.1
04/17/2015 15:09	0.069	0.030	775.3	10.3	32.3	10.1
04/17/2015 15:10	0.069	0.030	776.0	10.3	32.4	10.0
04/17/2015 15:11	0.068	0.030	775.2	10.3	32.1	10.0
04/17/2015 15:12	0.069	0.030	775.1	10.3	32.2	10.0
04/17/2015 15:13	0.069	0.029	775.9	10.3	32.2	9.9
04/17/2015 15:14	0.068	0.029	775.1	10.3	31.8	9.9
04/17/2015 15:15	0.067	0.029	774.9	10.3	31.5	9.8
04/17/2015 15:16	0.067	0.029	774.7	10.3	31.3	9.8
04/17/2015 15:17	0.066	0.029	774.7	10.3	30.9	9.7
04/17/2015 15:18	0.064	0.028	775.1	10.3	30.2	9.6
04/17/2015 15:19	0.063	0.029	775.4	10.3	29.7	9.7
04/17/2015 15:20	0.065	0.029	775.5	10.3	30.3	9.8
04/17/2015 15:21	0.068	0.029	775.6	10.3	32.0	9.8
04/17/2015 15:22	0.071	0.029	774.2	10.3	33.5	9.9
04/17/2015 15:23	0.075	0.030	774.1	10.3	35.1	10.0
04/17/2015 15:24	0.077	0.030	773.7	10.2	35.6	10.0
04/17/2015 15:25	0.069	0.030	774.3	10.3	32.4	10.0
04/17/2015 15:26	0.068	0.030	774.4	10.3	32.1	10.0
04/17/2015 15:27	0.068	0.029	775.0	10.3	31.9	9.9
04/17/2015 15:28	0.068	0.029	775.2	10.3	31.7	9.7
04/17/2015 15:29	0.068	0.029	775.0	10.3	32.0	9.7

1-Minute Data Report

From: 04/17/2015 14:30 **To:** 04/17/2015 15:36 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:11 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 15:30	0.068	0.029	773.9	10.3	32.1	9.7
04/17/2015 15:31	0.067	0.029	774.5	10.3	31.4	9.7
04/17/2015 15:32	0.064	0.029	775.1	10.3	29.9	9.9
04/17/2015 15:33	0.061	0.030	775.1	10.3	28.8	10.1
04/17/2015 15:34	0.061	0.030	775.6	10.3	28.7	10.2
04/17/2015 15:35	0.074	0.031	775.8	10.3	34.5	10.4
04/17/2015 15:36	0.085	0.031	777.1	10.3	39.8	10.6
Valid Data Points:	60	60	67	60	60	60
Average:	0.066	0.029	775.5	10.3	31.1	9.8

1-Minute Data Report

From: 04/17/2015 16:15 **To:** 04/17/2015 17:21 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:16 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 16:15	0.091	0.029	776.5	10.2	42.3	9.8
04/17/2015 16:16	0.094	0.030	776.2	10.2	43.6	9.9
04/17/2015 16:17	0.089	0.030	776.0	10.3	41.5	10.0
04/17/2015 16:18	0.078	0.030	776.4	10.3	36.7	10.1
04/17/2015 16:19	0.076	0.030	776.3	10.3	35.4	10.2
04/17/2015 16:20	0.071	0.030	774.7	10.3	33.1	10.1
04/17/2015 16:21	0.060	0.030	776.0	10.3	28.2	10.0
04/17/2015 16:22	0.058	0.029	775.6	10.3	27.4	9.8
04/17/2015 16:23	0.060	0.029	776.2	10.3	28.1	9.8
04/17/2015 16:24	0.062	0.029	775.5	10.3	29.2	9.8
04/17/2015 16:25	0.065	0.029	775.5	10.3	30.5	9.8
04/17/2015 16:26	0.067	0.029	775.2	10.3	31.3	9.9
04/17/2015 16:27	0.067	0.030	775.3	10.3	31.3	10.0
04/17/2015 16:28	0.062	0.029	775.2	10.3	29.0	9.9
04/17/2015 16:29	0.059	0.029	775.7	10.3	27.6	9.9
04/17/2015 16:30	0.057	0.029	775.0	10.3	26.7	9.9
04/17/2015 16:31	0.056	0.029	775.0	10.3	26.1	9.9
04/17/2015 16:32	0.057	0.029	776.0	10.3	26.5	9.9
04/17/2015 16:33	0.059	0.029	776.4	10.3	27.7	9.9
04/17/2015 16:34	0.061	0.029	775.6	10.3	28.5	9.9
04/17/2015 16:35	0.061	0.029	775.2	10.3	28.4	9.9
04/17/2015 16:36	0.059	0.029	774.9	10.3	27.7	9.8
04/17/2015 16:37	0.059	0.029	774.6	10.3	27.7	9.7
04/17/2015 16:38	0.060	0.029	775.8	10.3	28.3	9.7
04/17/2015 16:39	0.062	0.029	775.2	10.3	29.0	9.7
04/17/2015 16:40	0.069	0.029	775.4	10.3	32.4	9.8
04/17/2015 16:41	0.071	0.029	775.1	10.3	33.1	9.9
04/17/2015 16:42	0.084	0.030	775.2	10.3	39.2	10.1
04/17/2015 16:43	0.087	0.030	774.5	10.3	40.7	10.2
04/17/2015 16:44	0.087	0.031	775.2	10.3	41.0	10.3

1-Minute Data Report

From: 04/17/2015 16:15 **To:** 04/17/2015 17:21 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:16 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 16:45	0.089	0.031	774.2	10.2	41.3	10.5
04/17/2015 16:46	0.085	0.029	774.4	9.2	35.5	8.6
04/17/2015 16:47	0.077	0.029	774.4	10.2	35.6	9.7
04/17/2015 16:48	0.072	0.030	774.8	10.3	33.6	10.0
04/17/2015 16:49	0.062	0.029	774.7	10.3	29.2	9.7
04/17/2015 16:50	0.061	0.029	774.6	10.3	28.4	9.7
04/17/2015 16:51	0.060	0.029	774.0	10.3	28.0	9.7
04/17/2015 16:52	0.058	0.029	774.5	10.3	27.1	9.7
04/17/2015 16:53	0.056	0.029	775.0	10.3	26.2	9.8
04/17/2015 16:54	0.062	0.029	775.4	10.3	29.0	9.8
04/17/2015 16:55	0.066	0.029	775.0	10.3	31.1	9.9
04/17/2015 16:56	0.067	0.030	776.0	10.3	31.3	10.0
04/17/2015 16:57	0.068	0.030	775.6	10.3	31.7	10.1
04/17/2015 16:58	0.067	0.030	775.9	10.3	31.6	10.1
04/17/2015 16:59	0.065	0.030	775.8	10.3	30.7	10.1
04/17/2015 17:00	0.065	0.030	775.6	10.3	30.5	10.1
04/17/2015 17:01	0.067	0.030	775.8	10.3	31.2	10.2
04/17/2015 17:02	0.068	0.031	776.1	10.3	31.8	10.3
04/17/2015 17:03	0.068	0.031	776.8	10.3	32.0	10.3
04/17/2015 17:04	0.067	0.030	776.9	10.3	31.5	10.2
04/17/2015 17:05	0.066	0.030	777.1	10.3	30.8	10.2
04/17/2015 17:06	0.065	0.030	776.8	10.3	30.4	10.0
04/17/2015 17:07	0.064	0.029	776.9	10.3	30.1	9.9
04/17/2015 17:08	0.062	0.029	777.3	10.3	29.0	9.8
04/17/2015 17:09	0.059	0.029	776.2	10.3	27.5	9.9
04/17/2015 17:10	0.057	0.029	775.9	10.3	26.7	9.9
04/17/2015 17:11	0.055	0.030	776.6	10.3	26.0	10.1
04/17/2015 17:12	0.056	0.030	776.3	10.3	26.1	10.2
04/17/2015 17:13	0.058	0.030	776.3	10.3	27.1	10.2
04/17/2015 17:14	0.059	0.030	775.5	10.3	27.7	10.2

1-Minute Data Report

From: 04/17/2015 16:15 **To:** 04/17/2015 17:21 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:16 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/17/2015 17:15	0.061	0.031	776.6	10.3	28.4	10.3
04/17/2015 17:16	0.067	0.030	776.6	10.3	31.2	10.2
04/17/2015 17:17	0.070	0.030	776.7	10.3	32.6	10.2
04/17/2015 17:18	0.068	0.030	775.1	10.3	31.7	10.2
04/17/2015 17:19	0.068	0.030	775.5	10.3	31.9	10.2
04/17/2015 17:20	0.069	0.030	775.8	10.3	32.4	10.2
04/17/2015 17:21	0.070	0.031	775.6	10.3	32.7	10.3
Valid Data Points:	60	60	67	60	60	60
Average:	0.067	0.030	775.6	10.3	31.2	10.0

1-Minute Data Report

From: 04/18/2015 07:55 **To:** 04/18/2015 09:05 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:15 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/18/2015 07:55	0.070	0.031	775.1	10.3	32.6	10.5
04/18/2015 07:56	0.072	0.031	775.8	10.3	33.9	10.6
04/18/2015 07:57	0.075	0.031	775.6	10.3	35.2	10.5
04/18/2015 07:58	0.056	0.028	776.4	4.6	11.8	4.2
04/18/2015 07:59	0.076	0.030	776.3	10.0	34.7	9.7
04/18/2015 08:00	0.073	0.031	776.0	10.3	34.3	10.4
04/18/2015 08:01	0.073	0.030	774.9	10.3	34.1	10.0
04/18/2015 08:02	0.072	0.030	775.4	10.3	33.7	10.0
04/18/2015 08:03	0.071	0.030	775.7	10.3	33.5	10.1
04/18/2015 08:04	0.070	0.030	775.2	10.3	32.8	10.1
04/18/2015 08:05	0.067	0.030	774.7	10.4	31.9	10.2
04/18/2015 08:06	0.067	0.030	774.7	10.4	31.9	10.2
04/18/2015 08:07	0.071	0.030	774.9	10.3	33.1	10.2
04/18/2015 08:08	0.072	0.030	774.9	10.3	33.9	10.2
04/18/2015 08:09	0.072	0.031	774.3	10.3	33.9	10.4
04/18/2015 08:10	0.073	0.031	774.7	10.3	34.1	10.4
04/18/2015 08:11	0.074	0.031	774.5	10.3	34.8	10.5
04/18/2015 08:12	0.077	0.031	774.9	10.3	35.9	10.5
04/18/2015 08:13	0.079	0.031	775.9	10.3	37.2	10.5
04/18/2015 08:14	0.087	0.031	775.2	10.3	40.9	10.5
04/18/2015 08:15	0.088	0.031	774.8	10.3	41.4	10.5
04/18/2015 08:16	0.086	0.031	773.8	10.3	40.4	10.5
04/18/2015 08:17	0.084	0.031	775.0	10.3	39.4	10.6
04/18/2015 08:18	0.082	0.031	775.6	10.3	38.4	10.6
04/18/2015 08:19	0.079	0.031	775.4	10.3	37.2	10.6
04/18/2015 08:20	0.076	0.031	774.7	10.3	35.4	10.5
04/18/2015 08:21	0.074	0.031	774.7	10.3	34.8	10.4
04/18/2015 08:22	0.073	0.031	775.1	10.3	34.4	10.3
04/18/2015 08:23	0.071	0.031	775.1	10.3	33.3	10.3
04/18/2015 08:24	0.067	0.031	774.7	10.3	31.4	10.4

1-Minute Data Report

From: 04/18/2015 07:55 **To:** 04/18/2015 09:05 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:15 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/18/2015 08:25	0.065	0.031	775.3	10.3	30.3	10.4
04/18/2015 08:26	0.064	0.031	775.1	10.3	29.8	10.3
04/18/2015 08:27	0.063	0.031	775.0	10.3	29.4	10.3
04/18/2015 08:28	0.061	0.030	775.4	10.3	28.8	10.2
04/18/2015 08:29	0.061	0.030	775.7	10.3	28.5	10.1
04/18/2015 08:30	0.062	0.030	775.5	10.3	29.0	10.1
04/18/2015 08:31	0.063	0.030	775.5	10.3	29.7	10.1
04/18/2015 08:32	0.064	0.030	776.3	10.3	30.2	10.1
04/18/2015 08:33	0.066	0.030	776.4	10.3	30.8	10.1
04/18/2015 08:34	0.067	0.030	775.9	10.3	31.6	10.2
04/18/2015 08:35	0.069	0.030	776.4	10.3	32.5	10.2
04/18/2015 08:36	0.070	0.031	776.1	10.3	32.7	10.3
04/18/2015 08:37	0.068	0.031	776.0	10.3	32.0	10.3
04/18/2015 08:38	0.065	0.031	776.4	10.3	30.7	10.4
04/18/2015 08:39	0.063	0.031	775.8	10.3	29.6	10.3
04/18/2015 08:40	0.062	0.031	775.8	10.3	29.2	10.3
04/18/2015 08:41	0.062	0.031	776.4	10.3	29.3	10.3
04/18/2015 08:42	0.063	0.030	776.5	10.3	29.6	10.2
04/18/2015 08:43	0.063	0.030	776.0	10.3	29.5	10.2
04/18/2015 08:44	0.064	0.031	776.3	10.3	29.9	10.3
04/18/2015 08:45	0.066	0.031	775.1	10.3	30.8	10.4
04/18/2015 08:46	0.066	0.031	774.3	10.3	31.0	10.5
04/18/2015 08:47	0.063	0.031	774.0	10.3	29.7	10.6
04/18/2015 08:48	0.062	0.031	774.3	10.3	29.2	10.6
04/18/2015 08:49	0.065	0.031	774.5	10.3	30.3	10.6
04/18/2015 08:50	0.067	0.031	774.8	10.2	31.0	10.4
04/18/2015 08:51	0.067	0.031	775.1	10.3	31.3	10.4
04/18/2015 08:52	0.067	0.031	775.9	10.3	31.3	10.3
04/18/2015 08:53	0.065	0.031	775.9	10.3	30.7	10.3
04/18/2015 08:54	0.064	0.031	775.4	10.3	29.8	10.3

1-Minute Data Report

From: 04/18/2015 07:55 **To:** 04/18/2015 09:05 **Facility Name:** LA CYGNE STATION
Generated: 04/30/2015 12:15 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 1 NOx, LbPerMBtu 1 Minute(s)	Unit 1 SO2, LbPerMBtu 1 Minute(s)	Unit 1 Load, MWe 1 Minute(s)	Unit 1 CO2, Pct 1 Minute(s)	Unit 1 NOx, Ppm 1 Minute(s)	Unit 1 SO2, Ppm 1 Minute(s)
04/18/2015 08:55	0.062	0.031	775.1	10.3	29.1	10.3
04/18/2015 08:56	0.060	0.030	775.4	10.3	28.1	10.2
04/18/2015 08:57	0.060	0.030	775.3	10.2	27.7	10.1
04/18/2015 08:58	0.047	0.028	775.2	4.6	9.8	4.2
04/18/2015 08:59	0.060	0.029	774.7	10.0	27.2	9.5
04/18/2015 09:00	0.059	0.031	775.5	10.3	27.6	10.3
04/18/2015 09:01	0.060	0.031	775.0	10.3	28.3	10.3
04/18/2015 09:02	0.062	0.031	775.8	10.3	29.2	10.3
04/18/2015 09:03	0.064	0.031	776.2	10.3	30.0	10.3
04/18/2015 09:04	0.066	0.031	776.4	10.3	30.9	10.4
04/18/2015 09:05	0.067	0.031	775.7	10.3	31.6	10.4
Valid Data Points:	55	55	71	55	55	55
Average:	0.069	0.031	775.4	10.3	32.3	10.4

Attachment D. 4-Hour Particulate Test Results

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 4 hr
PM10 Filterable Emission Limit, lb/MMBtu	0.013
PM10 Total Emission Limit, lb/MMBtu	0.022
Min. Load, MW	729
Target, minutes	240

4 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = exclude time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/23/2015 02:10	720	0.008	0.017	0
4/23/2015 02:20	726	0.008	0.017	0
4/23/2015 02:30	725	0.008	0.017	0
4/23/2015 02:40	732	0.008	0.017	10
4/23/2015 02:50	734	0.008	0.016	20
4/23/2015 03:00	748	0.008	0.016	30
4/23/2015 03:10	746	0.008	0.017	40
4/23/2015 03:20	747	0.008	0.016	50
4/23/2015 03:30	743	0.008	0.017	60
4/23/2015 03:40	754	0.008	0.017	70
4/23/2015 03:50	753	0.008	0.017	80
4/23/2015 04:00	752	0.008	0.016	90
4/23/2015 04:10	743	0.008	0.017	100
4/23/2015 04:20	756	0.008	0.016	110
4/23/2015 04:30	767	0.008	0.016	120
4/23/2015 04:40	770	0.008	0.016	130
4/23/2015 04:50	760	0.008	0.017	140
4/23/2015 05:00	761	0.008	0.016	150
4/23/2015 05:10	753	0.008	0.017	160
4/23/2015 05:20	765	0.008	0.016	170
4/23/2015 05:30	755	0.008	0.016	180
4/23/2015 05:40	767	Invalid Data	Invalid Data	180
4/23/2015 05:50	768	Invalid Data	Invalid Data	180
4/23/2015 06:00	777	Invalid Data	Invalid Data	180
4/23/2015 06:10	776	0.008	0.016	190
4/23/2015 06:20	775	0.008	0.016	200
4/23/2015 06:30	775	0.008	0.016	210
4/23/2015 06:40	776	0.008	0.016	220
4/23/2015 06:50	776	0.008	0.016	230
4/23/2015 07:00	776	0.008	0.016	240
4/23/2015 07:10	775	0.008	0.016	250
4/23/2015 07:20	775	0.009	0.018	260
4/23/2015 07:30	775	0.021	0.046	0
4/23/2015 07:40	776	0.021	0.046	0

	Load MWe	PM10 Filt - 4 hr Lb/MBtu	PM10 Tot - 4 hr Lb/MBtu
Average Values	759	0.008	0.016
Maximum Values	777	0.008	0.017
Minimum Value	732	0.008	0.016
Minimum Target	729		
Maximum Target		0.013	0.022

Attachment E. 120-Hour Particulate Test Results

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable	0.014
Emission Limit,	
PM10 Total Emission	0.023
Limit, lb/MMBtu	
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/25/2015 00:50	511	0.008	0.018	0
4/25/2015 01:00	543	0.008	0.017	0
4/25/2015 01:10	573	0.008	0.017	0
4/25/2015 01:20	602	0.008	0.017	0
4/25/2015 01:30	631	0.008	0.016	0
4/25/2015 01:40	662	0.008	0.016	10
4/25/2015 01:50	678	0.008	0.016	20
4/25/2015 02:00	677	0.008	0.016	30
4/25/2015 02:10	677	0.008	0.016	40
4/25/2015 02:20	691	0.008	0.016	50
4/25/2015 02:30	692	0.008	0.016	60
4/25/2015 02:40	695	0.008	0.016	70
4/25/2015 02:50	691	0.008	0.016	80
4/25/2015 03:00	687	0.008	0.016	90
4/25/2015 03:10	683	0.008	0.016	100
4/25/2015 03:20	680	0.008	0.016	110
4/25/2015 03:30	679	0.008	0.016	120
4/25/2015 03:40	677	0.008	0.016	130
4/25/2015 03:50	679	0.008	0.016	140
4/25/2015 04:00	679	0.008	0.016	150
4/25/2015 04:10	680	0.008	0.016	160
4/25/2015 04:20	698	0.008	0.016	170
4/25/2015 04:30	694	0.008	0.016	180
4/25/2015 04:40	694	0.008	0.016	190
4/25/2015 04:50	699	0.008	0.016	200
4/25/2015 05:00	693	0.008	0.016	210
4/25/2015 05:10	692	0.008	0.016	220
4/25/2015 05:20	690	0.008	0.016	230
4/25/2015 05:30	679	0.008	0.016	240
4/25/2015 05:40	677	0.008	0.016	250
4/25/2015 05:50	679	0.008	0.016	260
4/25/2015 06:00	682	0.008	0.016	270
4/25/2015 06:10	690	0.008	0.016	280
4/25/2015 06:20	692	0.008	0.016	290
4/25/2015 06:30	702	0.008	0.016	300
4/25/2015 06:40	718	Invalid Data	Invalid Data	300
4/25/2015 06:50	742	Invalid Data	Invalid Data	300
4/25/2015 07:00	771	Invalid Data	Invalid Data	300
4/25/2015 07:10	776	0.007	0.016	310
4/25/2015 07:20	775	0.007	0.016	320
4/25/2015 07:30	775	0.007	0.016	330
4/25/2015 07:40	775	0.007	0.016	340
4/25/2015 07:50	775	0.007	0.016	350
4/25/2015 08:00	775	0.007	0.016	360
4/25/2015 08:10	776	0.007	0.016	370
4/25/2015 08:20	775	0.007	0.016	380
4/25/2015 08:30	775	0.007	0.016	390
4/25/2015 08:40	776	0.007	0.016	400
4/25/2015 08:50	775	0.007	0.016	410
4/25/2015 09:00	775	0.007	0.016	420
4/25/2015 09:10	775	0.007	0.016	430
4/25/2015 09:20	776	0.007	0.016	440
4/25/2015 09:30	775	0.007	0.016	450
4/25/2015 09:40	775	0.007	0.016	460
4/25/2015 09:50	775	0.007	0.016	470
4/25/2015 10:00	776	0.007	0.016	480
4/25/2015 10:10	776	0.007	0.016	490
4/25/2015 10:20	775	0.007	0.016	500
4/25/2015 10:30	775	0.007	0.016	510
4/25/2015 10:40	776	0.007	0.016	520

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/25/2015 10:50	775	0.007	0.016	530
4/25/2015 11:00	775	0.008	0.016	540
4/25/2015 11:10	776	0.007	0.016	550
4/25/2015 11:20	775	0.007	0.016	560
4/25/2015 11:30	776	0.007	0.016	570
4/25/2015 11:40	776	0.007	0.016	580
4/25/2015 11:50	775	0.007	0.016	590
4/25/2015 12:00	775	0.007	0.016	600
4/25/2015 12:10	775	0.007	0.016	610
4/25/2015 12:20	776	0.007	0.016	620
4/25/2015 12:30	775	0.007	0.016	630
4/25/2015 12:40	776	0.007	0.016	640
4/25/2015 12:50	775	0.007	0.016	650
4/25/2015 13:00	776	0.007	0.016	660
4/25/2015 13:10	775	0.007	0.016	670
4/25/2015 13:20	775	0.007	0.016	680
4/25/2015 13:30	775	0.007	0.016	690
4/25/2015 13:40	775	0.007	0.016	700
4/25/2015 13:50	775	0.007	0.016	710
4/25/2015 14:00	776	0.007	0.016	720
4/25/2015 14:10	776	0.007	0.016	730
4/25/2015 14:20	775	0.007	0.016	740
4/25/2015 14:30	775	0.007	0.016	750
4/25/2015 14:40	775	0.007	0.016	760
4/25/2015 14:50	775	0.007	0.016	770
4/25/2015 15:00	776	0.007	0.016	780
4/25/2015 15:10	775	0.007	0.016	790
4/25/2015 15:20	775	0.007	0.016	800
4/25/2015 15:30	776	0.007	0.016	810
4/25/2015 15:40	776	0.008	0.016	820
4/25/2015 15:50	775	0.008	0.016	830
4/25/2015 16:00	774	0.007	0.016	840
4/25/2015 16:10	775	0.007	0.016	850
4/25/2015 16:20	776	0.007	0.016	860
4/25/2015 16:30	776	0.007	0.016	870
4/25/2015 16:40	776	0.008	0.016	880
4/25/2015 16:50	775	0.007	0.016	890
4/25/2015 17:00	775	0.008	0.016	900
4/25/2015 17:10	776	0.008	0.016	910
4/25/2015 17:20	775	0.008	0.016	920
4/25/2015 17:30	775	0.008	0.016	930
4/25/2015 17:40	775	0.007	0.016	940
4/25/2015 17:50	775	0.008	0.016	950
4/25/2015 18:00	776	0.008	0.016	960
4/25/2015 18:10	776	0.008	0.016	970
4/25/2015 18:20	776	0.008	0.016	980
4/25/2015 18:30	776	0.008	0.016	990
4/25/2015 18:40	776	0.008	0.016	1000
4/25/2015 18:50	775	0.008	0.016	1010
4/25/2015 19:00	775	0.008	0.016	1020
4/25/2015 19:10	775	0.008	0.016	1030
4/25/2015 19:20	776	0.008	0.016	1040
4/25/2015 19:30	775	0.007	0.016	1050
4/25/2015 19:40	775	0.008	0.016	1060
4/25/2015 19:50	776	0.008	0.016	1070
4/25/2015 20:00	775	0.008	0.016	1080
4/25/2015 20:10	775	0.008	0.016	1090
4/25/2015 20:20	775	0.008	0.016	1100
4/25/2015 20:30	775	0.008	0.016	1110
4/25/2015 20:40	776	0.008	0.016	1120
4/25/2015 20:50	775	0.008	0.016	1130

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/25/2015 21:00	776	0.008	0.016	1140
4/25/2015 21:10	776	0.008	0.016	1150
4/25/2015 21:20	776	0.007	0.016	1160
4/25/2015 21:30	776	0.007	0.016	1170
4/25/2015 21:40	775	0.008	0.016	1180
4/25/2015 21:50	775	0.007	0.016	1190
4/25/2015 22:00	761	0.008	0.016	1200
4/25/2015 22:10	736	0.008	0.016	1210
4/25/2015 22:20	730	0.008	0.016	1220
4/25/2015 22:30	716	0.008	0.016	1230
4/25/2015 22:40	713	0.008	0.016	1240
4/25/2015 22:50	726	0.008	0.016	1250
4/25/2015 23:00	725	0.008	0.016	1260
4/25/2015 23:10	725	0.008	0.016	1270
4/25/2015 23:20	725	0.008	0.016	1280
4/25/2015 23:30	725	0.008	0.016	1290
4/25/2015 23:40	726	0.008	0.016	1300
4/25/2015 23:50	722	0.008	0.016	1310
4/26/2015 00:00	701	0.008	0.016	1320
4/26/2015 00:10	700	0.008	0.016	1330
4/26/2015 00:20	696	0.008	0.016	1340
4/26/2015 00:30	675	0.008	0.016	1350
4/26/2015 00:40	675	0.008	0.016	1360
4/26/2015 00:50	675	0.008	0.016	1370
4/26/2015 01:00	676	0.008	0.016	1380
4/26/2015 01:10	675	0.008	0.016	1390
4/26/2015 01:20	674	0.008	0.016	1400
4/26/2015 01:30	675	0.008	0.016	1410
4/26/2015 01:40	675	0.008	0.016	1420
4/26/2015 01:50	675	0.008	0.016	1430
4/26/2015 02:00	676	0.008	0.016	1440
4/26/2015 02:10	676	0.008	0.016	1450
4/26/2015 02:20	675	0.008	0.016	1460
4/26/2015 02:30	675	0.008	0.016	1470
4/26/2015 02:40	676	0.008	0.016	1480
4/26/2015 02:50	676	0.008	0.016	1490
4/26/2015 03:00	676	0.008	0.016	1500
4/26/2015 03:10	675	0.008	0.016	1510
4/26/2015 03:20	675	0.008	0.016	1520
4/26/2015 03:30	676	0.008	0.016	1530
4/26/2015 03:40	676	0.008	0.016	1540
4/26/2015 03:50	675	0.008	0.016	1550
4/26/2015 04:00	675	0.008	0.016	1560
4/26/2015 04:10	675	0.008	0.016	1570
4/26/2015 04:20	675	0.008	0.016	1580
4/26/2015 04:30	675	0.008	0.016	1590
4/26/2015 04:40	675	0.008	0.016	1600
4/26/2015 04:50	675	0.008	0.016	1610
4/26/2015 05:00	675	0.008	0.016	1620
4/26/2015 05:10	675	0.008	0.016	1630
4/26/2015 05:20	676	0.008	0.016	1640
4/26/2015 05:30	686	0.008	0.016	1650
4/26/2015 05:40	687	0.008	0.016	1660
4/26/2015 05:50	678	0.008	0.016	1670
4/26/2015 06:00	677	0.008	0.016	1680
4/26/2015 06:10	685	0.008	0.016	1690
4/26/2015 06:20	712	0.008	0.016	1700
4/26/2015 06:30	737	0.008	0.016	1710
4/26/2015 06:40	764	Invalid Data	Invalid Data	1710
4/26/2015 06:50	772	Invalid Data	Invalid Data	1710
4/26/2015 07:00	771	Invalid Data	Invalid Data	1710

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/26/2015 07:10	770	0.007	0.016	1720
4/26/2015 07:20	769	0.007	0.016	1730
4/26/2015 07:30	772	0.008	0.016	1740
4/26/2015 07:40	771	0.008	0.016	1750
4/26/2015 07:50	771	0.008	0.016	1760
4/26/2015 08:00	772	0.008	0.016	1770
4/26/2015 08:10	774	0.008	0.016	1780
4/26/2015 08:20	774	0.007	0.016	1790
4/26/2015 08:30	774	0.008	0.016	1800
4/26/2015 08:40	774	0.007	0.016	1810
4/26/2015 08:50	775	0.007	0.016	1820
4/26/2015 09:00	775	0.007	0.016	1830
4/26/2015 09:10	775	0.007	0.016	1840
4/26/2015 09:20	776	0.007	0.016	1850
4/26/2015 09:30	776	0.007	0.016	1860
4/26/2015 09:40	774	0.007	0.016	1870
4/26/2015 09:50	773	0.007	0.016	1880
4/26/2015 10:00	775	0.007	0.016	1890
4/26/2015 10:10	774	0.007	0.016	1900
4/26/2015 10:20	774	0.007	0.016	1910
4/26/2015 10:30	774	0.008	0.016	1920
4/26/2015 10:40	774	0.007	0.016	1930
4/26/2015 10:50	775	0.008	0.016	1940
4/26/2015 11:00	775	0.007	0.016	1950
4/26/2015 11:10	774	0.007	0.016	1960
4/26/2015 11:20	772	0.007	0.016	1970
4/26/2015 11:30	774	0.007	0.016	1980
4/26/2015 11:40	774	0.007	0.016	1990
4/26/2015 11:50	775	0.007	0.016	2000
4/26/2015 12:00	774	0.007	0.016	2010
4/26/2015 12:10	774	0.007	0.016	2020
4/26/2015 12:20	775	0.007	0.016	2030
4/26/2015 12:30	774	0.007	0.016	2040
4/26/2015 12:40	772	0.007	0.016	2050
4/26/2015 12:50	773	0.007	0.016	2060
4/26/2015 13:00	774	0.007	0.016	2070
4/26/2015 13:10	774	0.007	0.016	2080
4/26/2015 13:20	774	0.007	0.016	2090
4/26/2015 13:30	775	0.007	0.016	2100
4/26/2015 13:40	775	0.007	0.016	2110
4/26/2015 13:50	775	0.007	0.016	2120
4/26/2015 14:00	776	0.007	0.016	2130
4/26/2015 14:10	769	0.007	0.016	2140
4/26/2015 14:20	765	0.007	0.016	2150
4/26/2015 14:30	759	0.007	0.016	2160
4/26/2015 14:40	764	0.007	0.016	2170
4/26/2015 14:50	744	0.007	0.016	2180
4/26/2015 15:00	713	0.008	0.016	2190
4/26/2015 15:10	699	0.008	0.016	2200
4/26/2015 15:20	701	0.008	0.016	2210
4/26/2015 15:30	701	0.008	0.016	2220
4/26/2015 15:40	701	0.008	0.016	2230
4/26/2015 15:50	700	0.008	0.016	2240
4/26/2015 16:00	700	0.008	0.016	2250
4/26/2015 16:10	701	0.007	0.016	2260
4/26/2015 16:20	700	0.007	0.016	2270
4/26/2015 16:30	700	0.007	0.016	2280
4/26/2015 16:40	700	0.007	0.016	2290
4/26/2015 16:50	700	0.007	0.016	2300
4/26/2015 17:00	700	0.007	0.016	2310
4/26/2015 17:10	699	0.007	0.016	2320

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/26/2015 17:20	707	0.008	0.016	2330
4/26/2015 17:30	734	0.007	0.016	2340
4/26/2015 17:40	753	0.007	0.016	2350
4/26/2015 17:50	763	0.007	0.016	2360
4/26/2015 18:00	766	0.007	0.016	2370
4/26/2015 18:10	768	0.007	0.016	2380
4/26/2015 18:20	780	0.007	0.016	2390
4/26/2015 18:30	784	0.007	0.016	2400
4/26/2015 18:40	784	0.007	0.016	2410
4/26/2015 18:50	785	0.007	0.016	2420
4/26/2015 19:00	785	0.007	0.016	2430
4/26/2015 19:10	784	0.007	0.016	2440
4/26/2015 19:20	783	0.007	0.016	2450
4/26/2015 19:30	783	0.007	0.016	2460
4/26/2015 19:40	778	0.007	0.016	2470
4/26/2015 19:50	778	0.007	0.016	2480
4/26/2015 20:00	774	0.007	0.016	2490
4/26/2015 20:10	779	0.007	0.016	2500
4/26/2015 20:20	779	0.007	0.016	2510
4/26/2015 20:30	778	0.007	0.016	2520
4/26/2015 20:40	772	0.007	0.016	2530
4/26/2015 20:50	771	0.008	0.016	2540
4/26/2015 21:00	759	0.008	0.016	2550
4/26/2015 21:10	735	0.008	0.016	2560
4/26/2015 21:20	720	0.008	0.016	2570
4/26/2015 21:30	701	0.008	0.016	2580
4/26/2015 21:40	716	0.008	0.016	2590
4/26/2015 21:50	726	0.008	0.016	2600
4/26/2015 22:00	712	0.008	0.016	2610
4/26/2015 22:10	690	0.008	0.016	2620
4/26/2015 22:20	684	0.008	0.016	2630
4/26/2015 22:30	675	0.008	0.016	2640
4/26/2015 22:40	677	0.008	0.016	2650
4/26/2015 22:50	683	0.008	0.016	2660
4/26/2015 23:00	683	0.008	0.016	2670
4/26/2015 23:10	678	0.008	0.016	2680
4/26/2015 23:20	675	0.008	0.016	2690
4/26/2015 23:30	675	0.008	0.016	2700
4/26/2015 23:40	675	0.008	0.016	2710
4/26/2015 23:50	675	0.008	0.016	2720
4/27/2015 00:00	675	0.008	0.016	2730
4/27/2015 00:10	675	0.008	0.016	2740
4/27/2015 00:20	676	0.008	0.016	2750
4/27/2015 00:30	675	0.008	0.016	2760
4/27/2015 00:40	675	0.008	0.016	2770
4/27/2015 00:50	675	0.008	0.016	2780
4/27/2015 01:00	675	0.008	0.016	2790
4/27/2015 01:10	679	0.008	0.016	2800
4/27/2015 01:20	685	0.008	0.016	2810
4/27/2015 01:30	678	0.008	0.016	2820
4/27/2015 01:40	684	0.008	0.016	2830
4/27/2015 01:50	685	0.008	0.016	2840
4/27/2015 02:00	680	0.008	0.016	2850
4/27/2015 02:10	683	0.008	0.016	2860
4/27/2015 02:20	681	0.008	0.016	2870
4/27/2015 02:30	686	0.008	0.016	2880
4/27/2015 02:40	687	0.008	0.016	2890
4/27/2015 02:50	688	0.008	0.016	2900
4/27/2015 03:00	689	0.008	0.016	2910
4/27/2015 03:10	695	0.008	0.016	2920
4/27/2015 03:20	687	0.008	0.016	2930

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/27/2015 03:30	691	0.008	0.016	2940
4/27/2015 03:40	688	0.008	0.016	2950
4/27/2015 03:50	690	0.008	0.016	2960
4/27/2015 04:00	694	0.008	0.016	2970
4/27/2015 04:10	702	0.008	0.016	2980
4/27/2015 04:20	719	0.007	0.016	2990
4/27/2015 04:30	735	0.008	0.016	3000
4/27/2015 04:40	742	0.008	0.016	3010
4/27/2015 04:50	755	0.008	0.016	3020
4/27/2015 05:00	757	0.008	0.016	3030
4/27/2015 05:10	739	0.008	0.016	3040
4/27/2015 05:20	746	0.008	0.016	3050
4/27/2015 05:30	764	0.008	0.016	3060
4/27/2015 05:40	759	0.008	0.016	3070
4/27/2015 05:50	765	0.007	0.016	3080
4/27/2015 06:00	779	0.007	0.016	3090
4/27/2015 06:10	780	0.007	0.016	3100
4/27/2015 06:20	780	0.007	0.016	3110
4/27/2015 06:30	780	0.007	0.016	3120
4/27/2015 06:40	780	Invalid Data	Invalid Data	3120
4/27/2015 06:50	780	Invalid Data	Invalid Data	3120
4/27/2015 07:00	783	Invalid Data	Invalid Data	3120
4/27/2015 07:10	783	0.008	0.016	3130
4/27/2015 07:20	783	0.007	0.016	3140
4/27/2015 07:30	784	0.007	0.016	3150
4/27/2015 07:40	784	0.008	0.016	3160
4/27/2015 07:50	782	0.008	0.016	3170
4/27/2015 08:00	782	0.008	0.016	3180
4/27/2015 08:10	781	0.007	0.016	3190
4/27/2015 08:20	782	0.007	0.016	3200
4/27/2015 08:30	783	0.007	0.016	3210
4/27/2015 08:40	781	0.007	0.016	3220
4/27/2015 08:50	783	0.008	0.016	3230
4/27/2015 09:00	783	0.008	0.016	3240
4/27/2015 09:10	781	0.008	0.016	3250
4/27/2015 09:20	782	0.008	0.016	3260
4/27/2015 09:30	784	0.008	0.016	3270
4/27/2015 09:40	784	0.008	0.016	3280
4/27/2015 09:50	781	0.007	0.016	3290
4/27/2015 10:00	781	0.007	0.016	3300
4/27/2015 10:10	782	0.007	0.016	3310
4/27/2015 10:20	784	0.007	0.016	3320
4/27/2015 10:30	782	0.007	0.016	3330
4/27/2015 10:40	782	0.007	0.016	3340
4/27/2015 10:50	782	0.007	0.016	3350
4/27/2015 11:00	781	0.007	0.016	3360
4/27/2015 11:10	780	0.007	0.016	3370
4/27/2015 11:20	778	0.007	0.016	3380
4/27/2015 11:30	780	0.007	0.016	3390
4/27/2015 11:40	782	0.007	0.016	3400
4/27/2015 11:50	782	0.007	0.016	3410
4/27/2015 12:00	782	0.007	0.016	3420
4/27/2015 12:10	782	0.007	0.016	3430
4/27/2015 12:20	780	0.007	0.016	3440
4/27/2015 12:30	782	0.007	0.016	3450
4/27/2015 12:40	781	0.007	0.016	3460
4/27/2015 12:50	782	0.007	0.016	3470
4/27/2015 13:00	781	0.007	0.016	3480
4/27/2015 13:10	782	0.007	0.016	3490
4/27/2015 13:20	784	0.007	0.016	3500
4/27/2015 13:30	784	0.007	0.016	3510

Unit 1

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State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/27/2015 13:40	783	0.007	0.016	3520
4/27/2015 13:50	784	0.007	0.016	3530
4/27/2015 14:00	784	0.007	0.016	3540
4/27/2015 14:10	784	0.007	0.016	3550
4/27/2015 14:20	784	0.007	0.016	3560
4/27/2015 14:30	784	0.007	0.016	3570
4/27/2015 14:40	784	0.007	0.016	3580
4/27/2015 14:50	785	0.007	0.016	3590
4/27/2015 15:00	784	0.007	0.016	3600
4/27/2015 15:10	783	0.007	0.016	3610
4/27/2015 15:20	782	0.007	0.016	3620
4/27/2015 15:30	780	0.007	0.016	3630
4/27/2015 15:40	781	0.007	0.016	3640
4/27/2015 15:50	781	0.007	0.016	3650
4/27/2015 16:00	781	0.007	0.016	3660
4/27/2015 16:10	781	0.007	0.016	3670
4/27/2015 16:20	781	0.007	0.016	3680
4/27/2015 16:30	781	0.007	0.016	3690
4/27/2015 16:40	780	0.007	0.016	3700
4/27/2015 16:50	779	0.007	0.016	3710
4/27/2015 17:00	779	0.007	0.016	3720
4/27/2015 17:10	780	0.007	0.016	3730
4/27/2015 17:20	780	0.007	0.016	3740
4/27/2015 17:30	779	0.007	0.016	3750
4/27/2015 17:40	779	0.007	0.016	3760
4/27/2015 17:50	781	0.007	0.016	3770
4/27/2015 18:00	782	0.007	0.016	3780
4/27/2015 18:10	776	0.007	0.016	3790
4/27/2015 18:20	773	0.007	0.016	3800
4/27/2015 18:30	767	0.007	0.016	3810
4/27/2015 18:40	764	0.007	0.016	3820
4/27/2015 18:50	760	0.007	0.016	3830
4/27/2015 19:00	773	0.007	0.016	3840
4/27/2015 19:10	767	0.007	0.016	3850
4/27/2015 19:20	761	0.007	0.016	3860
4/27/2015 19:30	772	0.007	0.016	3870
4/27/2015 19:40	770	0.007	0.016	3880
4/27/2015 19:50	765	0.007	0.016	3890
4/27/2015 20:00	772	0.007	0.016	3900
4/27/2015 20:10	780	0.007	0.016	3910
4/27/2015 20:20	775	0.007	0.016	3920
4/27/2015 20:30	776	0.007	0.016	3930
4/27/2015 20:40	777	0.007	0.016	3940
4/27/2015 20:50	771	0.007	0.016	3950
4/27/2015 21:00	769	0.008	0.016	3960
4/27/2015 21:10	771	0.007	0.016	3970
4/27/2015 21:20	772	0.007	0.016	3980
4/27/2015 21:30	772	0.007	0.016	3990
4/27/2015 21:40	770	0.007	0.016	4000
4/27/2015 21:50	768	0.007	0.016	4010
4/27/2015 22:00	760	0.007	0.016	4020
4/27/2015 22:10	748	0.008	0.016	4030
4/27/2015 22:20	745	0.008	0.016	4040
4/27/2015 22:30	748	0.007	0.016	4050
4/27/2015 22:40	741	0.008	0.016	4060
4/27/2015 22:50	741	0.008	0.016	4070
4/27/2015 23:00	740	0.007	0.016	4080
4/27/2015 23:10	728	0.008	0.016	4090
4/27/2015 23:20	725	0.008	0.016	4100
4/27/2015 23:30	730	0.008	0.016	4110
4/27/2015 23:40	732	0.008	0.016	4120

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/27/2015 23:50	733	0.008	0.016	4130
4/28/2015 00:00	732	0.007	0.016	4140
4/28/2015 00:10	715	0.008	0.016	4150
4/28/2015 00:20	699	0.008	0.016	4160
4/28/2015 00:30	689	0.008	0.016	4170
4/28/2015 00:40	686	0.008	0.016	4180
4/28/2015 00:50	686	0.008	0.016	4190
4/28/2015 01:00	689	0.008	0.016	4200
4/28/2015 01:10	688	0.008	0.016	4210
4/28/2015 01:20	685	0.008	0.016	4220
4/28/2015 01:30	682	0.008	0.016	4230
4/28/2015 01:40	682	0.008	0.016	4240
4/28/2015 01:50	682	0.008	0.016	4250
4/28/2015 02:00	681	0.008	0.016	4260
4/28/2015 02:10	679	0.008	0.016	4270
4/28/2015 02:20	675	0.008	0.016	4280
4/28/2015 02:30	677	0.008	0.016	4290
4/28/2015 02:40	686	0.008	0.016	4300
4/28/2015 02:50	702	0.008	0.016	4310
4/28/2015 03:00	716	0.008	0.016	4320
4/28/2015 03:10	725	0.007	0.016	4330
4/28/2015 03:20	735	0.007	0.016	4340
4/28/2015 03:30	735	0.007	0.016	4350
4/28/2015 03:40	736	0.008	0.016	4360
4/28/2015 03:50	731	0.008	0.016	4370
4/28/2015 04:00	729	0.007	0.016	4380
4/28/2015 04:10	726	0.008	0.016	4390
4/28/2015 04:20	725	0.008	0.016	4400
4/28/2015 04:30	722	0.008	0.016	4410
4/28/2015 04:40	721	0.008	0.016	4420
4/28/2015 04:50	725	0.008	0.016	4430
4/28/2015 05:00	707	0.008	0.016	4440
4/28/2015 05:10	711	0.008	0.016	4450
4/28/2015 05:20	732	0.008	0.016	4460
4/28/2015 05:30	746	0.007	0.016	4470
4/28/2015 05:40	764	0.007	0.016	4480
4/28/2015 05:50	762	0.007	0.016	4490
4/28/2015 06:00	767	0.007	0.016	4500
4/28/2015 06:10	778	0.007	0.016	4510
4/28/2015 06:20	780	0.007	0.016	4520
4/28/2015 06:30	780	0.007	0.016	4530
4/28/2015 06:40	780	Invalid Data	Invalid Data	4530
4/28/2015 06:50	783	Invalid Data	Invalid Data	4530
4/28/2015 07:00	784	Invalid Data	Invalid Data	4530
4/28/2015 07:10	783	0.007	0.016	4540
4/28/2015 07:20	784	0.007	0.016	4550
4/28/2015 07:30	784	0.007	0.016	4560
4/28/2015 07:40	784	0.007	0.016	4570
4/28/2015 07:50	783	0.007	0.016	4580
4/28/2015 08:00	783	0.007	0.016	4590
4/28/2015 08:10	783	0.007	0.016	4600
4/28/2015 08:20	783	0.007	0.016	4610
4/28/2015 08:30	782	0.007	0.016	4620
4/28/2015 08:40	783	0.007	0.016	4630
4/28/2015 08:50	784	0.007	0.016	4640
4/28/2015 09:00	783	0.007	0.016	4650
4/28/2015 09:10	784	0.007	0.016	4660
4/28/2015 09:20	783	0.007	0.016	4670
4/28/2015 09:30	783	0.007	0.016	4680
4/28/2015 09:40	780	0.007	0.016	4690
4/28/2015 09:50	781	0.007	0.016	4700

Unit 1

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State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/28/2015 10:00	785	0.007	0.016	4710
4/28/2015 10:10	784	0.007	0.016	4720
4/28/2015 10:20	783	0.007	0.016	4730
4/28/2015 10:30	784	0.007	0.016	4740
4/28/2015 10:40	777	0.007	0.016	4750
4/28/2015 10:50	781	0.007	0.016	4760
4/28/2015 11:00	782	0.007	0.016	4770
4/28/2015 11:10	784	0.007	0.016	4780
4/28/2015 11:20	782	0.007	0.016	4790
4/28/2015 11:30	784	0.007	0.016	4800
4/28/2015 11:40	784	0.007	0.016	4810
4/28/2015 11:50	784	0.007	0.016	4820
4/28/2015 12:00	784	0.007	0.016	4830
4/28/2015 12:10	783	0.007	0.016	4840
4/28/2015 12:20	781	0.007	0.016	4850
4/28/2015 12:30	780	0.007	0.016	4860
4/28/2015 12:40	781	0.007	0.016	4870
4/28/2015 12:50	781	0.007	0.016	4880
4/28/2015 13:00	781	0.007	0.016	4890
4/28/2015 13:10	781	0.007	0.016	4900
4/28/2015 13:20	782	0.007	0.016	4910
4/28/2015 13:30	782	0.007	0.016	4920
4/28/2015 13:40	782	0.007	0.016	4930
4/28/2015 13:50	781	0.007	0.016	4940
4/28/2015 14:00	782	0.007	0.016	4950
4/28/2015 14:10	783	0.007	0.016	4960
4/28/2015 14:20	784	0.007	0.016	4970
4/28/2015 14:30	784	0.007	0.016	4980
4/28/2015 14:40	784	0.007	0.016	4990
4/28/2015 14:50	785	0.007	0.016	5000
4/28/2015 15:00	785	0.007	0.016	5010
4/28/2015 15:10	783	0.007	0.016	5020
4/28/2015 15:20	784	0.007	0.016	5030
4/28/2015 15:30	784	0.007	0.016	5040
4/28/2015 15:40	784	0.007	0.016	5050
4/28/2015 15:50	783	0.007	0.016	5060
4/28/2015 16:00	783	0.007	0.016	5070
4/28/2015 16:10	783	0.007	0.016	5080
4/28/2015 16:20	784	0.007	0.016	5090
4/28/2015 16:30	784	0.008	0.016	5100
4/28/2015 16:40	782	0.007	0.016	5110
4/28/2015 16:50	783	0.007	0.016	5120
4/28/2015 17:00	782	0.007	0.016	5130
4/28/2015 17:10	783	0.007	0.016	5140
4/28/2015 17:20	784	0.007	0.016	5150
4/28/2015 17:30	783	0.007	0.016	5160
4/28/2015 17:40	783	0.008	0.016	5170
4/28/2015 17:50	782	0.008	0.016	5180
4/28/2015 18:00	781	0.007	0.016	5190
4/28/2015 18:10	781	0.007	0.016	5200
4/28/2015 18:20	780	0.007	0.016	5210
4/28/2015 18:30	770	0.007	0.016	5220
4/28/2015 18:40	774	0.007	0.016	5230
4/28/2015 18:50	777	0.007	0.016	5240
4/28/2015 19:00	773	0.007	0.016	5250
4/28/2015 19:10	765	0.007	0.016	5260
4/28/2015 19:20	781	0.007	0.016	5270
4/28/2015 19:30	783	0.007	0.016	5280
4/28/2015 19:40	783	0.007	0.016	5290
4/28/2015 19:50	781	0.007	0.016	5300
4/28/2015 20:00	782	0.007	0.016	5310

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/28/2015 20:10	783	0.007	0.016	5320
4/28/2015 20:20	782	0.007	0.016	5330
4/28/2015 20:30	777	0.007	0.016	5340
4/28/2015 20:40	776	0.007	0.016	5350
4/28/2015 20:50	772	0.008	0.016	5360
4/28/2015 21:00	762	0.008	0.016	5370
4/28/2015 21:10	777	0.007	0.016	5380
4/28/2015 21:20	778	0.007	0.016	5390
4/28/2015 21:30	777	0.007	0.016	5400
4/28/2015 21:40	768	0.007	0.016	5410
4/28/2015 21:50	753	0.008	0.016	5420
4/28/2015 22:00	744	0.008	0.016	5430
4/28/2015 22:10	765	0.007	0.016	5440
4/28/2015 22:20	780	0.007	0.016	5450
4/28/2015 22:30	778	0.007	0.016	5460
4/28/2015 22:40	772	0.007	0.016	5470
4/28/2015 22:50	778	0.007	0.016	5480
4/28/2015 23:00	780	0.007	0.016	5490
4/28/2015 23:10	761	0.008	0.016	5500
4/28/2015 23:20	730	0.008	0.016	5510
4/28/2015 23:30	704	0.008	0.016	5520
4/28/2015 23:40	700	0.008	0.016	5530
4/28/2015 23:50	700	0.008	0.016	5540
4/29/2015 00:00	690	0.008	0.016	5550
4/29/2015 00:10	675	0.008	0.016	5560
4/29/2015 00:20	676	0.008	0.016	5570
4/29/2015 00:30	676	0.008	0.016	5580
4/29/2015 00:40	685	0.008	0.016	5590
4/29/2015 00:50	683	0.008	0.016	5600
4/29/2015 01:00	674	0.008	0.016	5610
4/29/2015 01:10	681	0.008	0.016	5620
4/29/2015 01:20	686	0.008	0.016	5630
4/29/2015 01:30	686	0.008	0.016	5640
4/29/2015 01:40	687	0.008	0.016	5650
4/29/2015 01:50	709	0.008	0.016	5660
4/29/2015 02:00	736	0.008	0.016	5670
4/29/2015 02:10	744	0.008	0.016	5680
4/29/2015 02:20	728	0.008	0.016	5690
4/29/2015 02:30	719	0.008	0.016	5700
4/29/2015 02:40	718	0.008	0.016	5710
4/29/2015 02:50	723	0.008	0.016	5720
4/29/2015 03:00	726	0.008	0.016	5730
4/29/2015 03:10	733	0.008	0.016	5740
4/29/2015 03:20	739	0.008	0.016	5750
4/29/2015 03:30	738	0.008	0.016	5760
4/29/2015 03:40	723	0.008	0.016	5770
4/29/2015 03:50	716	0.008	0.016	5780
4/29/2015 04:00	726	0.008	0.016	5790
4/29/2015 04:10	730	0.008	0.016	5800
4/29/2015 04:20	737	0.008	0.016	5810
4/29/2015 04:30	728	0.008	0.016	5820
4/29/2015 04:40	716	0.008	0.016	5830
4/29/2015 04:50	702	0.008	0.016	5840
4/29/2015 05:00	697	0.008	0.016	5850
4/29/2015 05:10	687	0.008	0.016	5860
4/29/2015 05:20	697	0.008	0.016	5870
4/29/2015 05:30	713	0.008	0.016	5880
4/29/2015 05:40	731	0.008	0.016	5890
4/29/2015 05:50	732	0.008	0.016	5900
4/29/2015 06:00	757	0.008	0.016	5910
4/29/2015 06:10	780	0.007	0.016	5920

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/29/2015 06:20	780	0.007	0.016	5930
4/29/2015 06:30	780	0.007	0.016	5940
4/29/2015 06:40	781	Invalid Data	Invalid Data	5940
4/29/2015 06:50	781	Invalid Data	Invalid Data	5940
4/29/2015 07:00	780	Invalid Data	Invalid Data	5940
4/29/2015 07:10	780	0.007	0.016	5950
4/29/2015 07:20	781	0.007	0.016	5960
4/29/2015 07:30	780	0.007	0.016	5970
4/29/2015 07:40	781	0.007	0.016	5980
4/29/2015 07:50	780	0.007	0.016	5990
4/29/2015 08:00	780	0.007	0.016	6000
4/29/2015 08:10	781	0.007	0.016	6010
4/29/2015 08:20	779	0.007	0.016	6020
4/29/2015 08:30	780	0.007	0.016	6030
4/29/2015 08:40	781	0.007	0.016	6040
4/29/2015 08:50	780	0.007	0.016	6050
4/29/2015 09:00	781	0.007	0.016	6060
4/29/2015 09:10	781	0.007	0.016	6070
4/29/2015 09:20	780	0.007	0.016	6080
4/29/2015 09:30	781	0.007	0.016	6090
4/29/2015 09:40	781	0.007	0.016	6100
4/29/2015 09:50	781	0.007	0.016	6110
4/29/2015 10:00	781	0.007	0.016	6120
4/29/2015 10:10	780	0.007	0.016	6130
4/29/2015 10:20	781	0.007	0.016	6140
4/29/2015 10:30	781	0.007	0.016	6150
4/29/2015 10:40	780	0.007	0.016	6160
4/29/2015 10:50	780	0.007	0.016	6170
4/29/2015 11:00	780	0.007	0.016	6180
4/29/2015 11:10	780	0.007	0.016	6190
4/29/2015 11:20	782	0.007	0.016	6200
4/29/2015 11:30	781	0.007	0.016	6210
4/29/2015 11:40	780	0.007	0.016	6220
4/29/2015 11:50	780	0.007	0.016	6230
4/29/2015 12:00	782	0.008	0.016	6240
4/29/2015 12:10	782	0.008	0.016	6250
4/29/2015 12:20	780	0.008	0.016	6260
4/29/2015 12:30	781	0.008	0.016	6270
4/29/2015 12:40	781	0.008	0.016	6280
4/29/2015 12:50	781	0.008	0.016	6290
4/29/2015 13:00	780	0.008	0.016	6300
4/29/2015 13:10	781	0.008	0.016	6310
4/29/2015 13:20	781	0.007	0.016	6320
4/29/2015 13:30	780	0.007	0.016	6330
4/29/2015 13:40	780	0.007	0.016	6340
4/29/2015 13:50	781	0.007	0.016	6350
4/29/2015 14:00	781	0.007	0.016	6360
4/29/2015 14:10	781	0.007	0.016	6370
4/29/2015 14:20	781	0.007	0.016	6380
4/29/2015 14:30	781	0.007	0.016	6390
4/29/2015 14:40	781	0.007	0.016	6400
4/29/2015 14:50	781	0.007	0.016	6410
4/29/2015 15:00	781	0.007	0.016	6420
4/29/2015 15:10	780	0.007	0.016	6430
4/29/2015 15:20	781	0.007	0.016	6440
4/29/2015 15:30	778	0.008	0.016	6450
4/29/2015 15:40	779	0.008	0.016	6460
4/29/2015 15:50	782	0.008	0.016	6470
4/29/2015 16:00	781	0.008	0.016	6480
4/29/2015 16:10	779	0.008	0.016	6490
4/29/2015 16:20	781	0.008	0.016	6500

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/29/2015 16:30	781	0.007	0.016	6510
4/29/2015 16:40	780	0.008	0.016	6520
4/29/2015 16:50	780	0.008	0.016	6530
4/29/2015 17:00	781	0.008	0.016	6540
4/29/2015 17:10	780	0.008	0.016	6550
4/29/2015 17:20	780	0.008	0.016	6560
4/29/2015 17:30	781	0.008	0.016	6570
4/29/2015 17:40	781	0.008	0.016	6580
4/29/2015 17:50	781	0.008	0.016	6590
4/29/2015 18:00	780	0.008	0.016	6600
4/29/2015 18:10	781	0.007	0.016	6610
4/29/2015 18:20	780	0.008	0.016	6620
4/29/2015 18:30	784	0.007	0.016	6630
4/29/2015 18:40	785	0.008	0.016	6640
4/29/2015 18:50	784	0.007	0.016	6650
4/29/2015 19:00	783	0.008	0.016	6660
4/29/2015 19:10	785	0.008	0.016	6670
4/29/2015 19:20	785	0.008	0.016	6680
4/29/2015 19:30	784	0.008	0.016	6690
4/29/2015 19:40	784	0.008	0.016	6700
4/29/2015 19:50	783	0.008	0.016	6710
4/29/2015 20:00	783	0.008	0.016	6720
4/29/2015 20:10	782	0.007	0.016	6730
4/29/2015 20:20	781	0.008	0.016	6740
4/29/2015 20:30	780	0.007	0.016	6750
4/29/2015 20:40	780	0.007	0.016	6760
4/29/2015 20:50	779	0.008	0.016	6770
4/29/2015 21:00	779	0.008	0.016	6780
4/29/2015 21:10	781	0.008	0.016	6790
4/29/2015 21:20	773	0.008	0.016	6800
4/29/2015 21:30	766	0.008	0.016	6810
4/29/2015 21:40	754	0.008	0.016	6820
4/29/2015 21:50	744	0.008	0.016	6830
4/29/2015 22:00	718	0.008	0.016	6840
4/29/2015 22:10	694	0.008	0.016	6850
4/29/2015 22:20	682	0.008	0.017	6860
4/29/2015 22:30	683	0.008	0.016	6870
4/29/2015 22:40	679	0.008	0.016	6880
4/29/2015 22:50	686	0.008	0.016	6890
4/29/2015 23:00	685	0.008	0.016	6900
4/29/2015 23:10	675	0.008	0.017	6910
4/29/2015 23:20	676	0.008	0.016	6920
4/29/2015 23:30	676	0.008	0.016	6930
4/29/2015 23:40	676	0.008	0.016	6940
4/29/2015 23:50	676	0.008	0.016	6950
4/30/2015 00:00	675	0.008	0.016	6960
4/30/2015 00:10	676	0.008	0.016	6970
4/30/2015 00:20	675	0.008	0.016	6980
4/30/2015 00:30	675	0.008	0.016	6990
4/30/2015 00:40	675	0.008	0.016	7000
4/30/2015 00:50	675	0.008	0.016	7010
4/30/2015 01:00	676	0.008	0.016	7020
4/30/2015 01:10	675	0.008	0.016	7030
4/30/2015 01:20	675	0.008	0.016	7040
4/30/2015 01:30	676	0.008	0.016	7050
4/30/2015 01:40	675	0.008	0.016	7060
4/30/2015 01:50	676	0.008	0.016	7070
4/30/2015 02:00	676	0.008	0.016	7080
4/30/2015 02:10	676	0.008	0.016	7090
4/30/2015 02:20	675	0.008	0.016	7100
4/30/2015 02:30	675	0.008	0.016	7110

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	PM10 - 120 hr
PM10 Filterable Emission Limit,	0.014
PM10 Total Emission Limit, lb/MMBtu	0.023
Min. Load, MW	648
Target, minutes	7200

120 - Hr PM10 Filterable and Total Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	PM10 Filterable Lb/MBtu	PM10 Total Lb/MBtu	Total Compliance Time Minutes
4/30/2015 02:40	675	0.008	0.016	7120
4/30/2015 02:50	676	0.008	0.016	7130
4/30/2015 03:00	676	0.008	0.016	7140
4/30/2015 03:10	688	0.008	0.016	7150
4/30/2015 03:20	698	0.008	0.016	7160
4/30/2015 03:30	696	0.008	0.016	7170
4/30/2015 03:40	695	0.008	0.016	7180
4/30/2015 03:50	694	0.008	0.016	7190
4/30/2015 04:00	686	0.008	0.016	7200
4/30/2015 04:10	680	0.008	0.016	7210
4/30/2015 04:20	699	0.008	0.016	7220
4/30/2015 04:30	691	0.008	0.016	7230
4/30/2015 04:40	696	0.008	0.016	7240

	Load MWe	PM10 Filt - 120 hr Lb/MBtu	PM10 Tot - 120 hr Lb/MBtu
Average Values	748	0.008	0.016
Maximum Values	785	0.008	0.017
Minimum Value	662	0.007	0.016
Minimum Target	648		
Maximum Target		0.014	0.023

Attachment F. 4-Hour SO_2 Test Results

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 4 hr
Emission Limit, lb/MMBtu	0.055
Min. Load, MW	753
Target, minutes	240

4 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/2/2015 11:30	746	0.010	0
4/2/2015 11:40	746	0.010	0
4/2/2015 11:50	746	0.010	0
4/2/2015 12:00	746	0.010	0
4/2/2015 12:10	747	0.009	0
4/2/2015 12:20	756	0.010	10
4/2/2015 12:30	762	0.010	20
4/2/2015 12:40	761	0.010	30
4/2/2015 12:50	761	0.009	40
4/2/2015 13:00	761	0.010	50
4/2/2015 13:10	759	0.009	60
4/2/2015 13:20	754	0.009	70
4/2/2015 13:30	756	0.009	80
4/2/2015 13:40	756	0.010	90
4/2/2015 13:50	756	0.009	100
4/2/2015 14:00	755	0.009	110
4/2/2015 14:10	756	0.009	120
4/2/2015 14:20	755	0.009	130
4/2/2015 14:30	756	0.010	140
4/2/2015 14:40	755	0.010	150
4/2/2015 14:50	755	0.010	160
4/2/2015 15:00	756	0.009	170
4/2/2015 15:10	756	0.009	180
4/2/2015 15:20	755	0.009	190
4/2/2015 15:30	756	0.010	200
4/2/2015 15:40	756	0.009	210
4/2/2015 15:50	756	0.010	220
4/2/2015 16:00	756	0.010	230
4/2/2015 16:10	755	0.011	240
4/2/2015 16:20	756	0.010	250
4/2/2015 16:30	756	0.010	260
4/2/2015 16:40	756	0.011	270
4/2/2015 16:50	755	0.011	280
4/2/2015 17:00	756	0.011	290

	Load MWe	SO2 - 4 hr Lb/MBtu
Average Values	757	0.010
Maximum Values	762	0.011
Minimum Value	754	0.009
Minimum Target	753	
Maximum Target		0.055

Attachment G. 72-Hour SO_2 Test Results

Unit 1

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/17/2015 12:20	600	0.011	0
4/17/2015 12:30	601	0.011	0
4/17/2015 12:40	600	0.011	0
4/17/2015 12:50	607	0.011	0
4/17/2015 13:00	638	0.014	0
4/17/2015 13:10	669	0.017	10
4/17/2015 13:20	701	0.019	20
4/17/2015 13:30	726	0.019	30
4/17/2015 13:40	752	0.022	40
4/17/2015 13:50	776	0.025	50
4/17/2015 14:00	776	0.026	60
4/17/2015 14:10	775	0.026	70
4/17/2015 14:20	775	0.027	80
4/17/2015 14:30	776	0.027	90
4/17/2015 14:40	776	0.028	100
4/17/2015 14:50	776	0.029	110
4/17/2015 15:00	776	0.029	120
4/17/2015 15:10	776	0.029	130
4/17/2015 15:20	775	0.029	140
4/17/2015 15:30	775	0.029	150
4/17/2015 15:40	775	0.031	160
4/17/2015 15:50	776	0.031	170
4/17/2015 16:00	775	0.031	180
4/17/2015 16:10	776	0.030	190
4/17/2015 16:20	776	0.030	200
4/17/2015 16:30	775	0.029	210
4/17/2015 16:40	775	0.029	220
4/17/2015 16:50	775	0.030	230
4/17/2015 17:00	775	0.030	240
4/17/2015 17:10	777	0.030	250
4/17/2015 17:20	776	0.030	260
4/17/2015 17:30	776	0.030	270
4/17/2015 17:40	775	0.030	280
4/17/2015 17:50	775	0.031	290
4/17/2015 18:00	775	0.031	300
4/17/2015 18:10	775	0.031	310
4/17/2015 18:20	776	0.031	320
4/17/2015 18:30	775	0.032	330
4/17/2015 18:40	775	0.030	340
4/17/2015 18:50	776	0.031	350
4/17/2015 19:00	775	0.030	360
4/17/2015 19:10	776	0.030	370
4/17/2015 19:20	776	0.030	380
4/17/2015 19:30	775	0.030	390
4/17/2015 19:40	775	0.029	400
4/17/2015 19:50	776	0.030	410
4/17/2015 20:00	776	0.030	420

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/17/2015 20:10	776	0.029	430
4/17/2015 20:20	775	0.029	440
4/17/2015 20:30	776	0.028	450
4/17/2015 20:40	776	0.028	460
4/17/2015 20:50	776	0.028	470
4/17/2015 21:00	776	0.027	480
4/17/2015 21:10	775	0.028	490
4/17/2015 21:20	775	0.028	500
4/17/2015 21:30	776	0.028	510
4/17/2015 21:40	775	0.029	520
4/17/2015 21:50	774	0.028	530
4/17/2015 22:00	776	0.028	540
4/17/2015 22:10	776	0.028	550
4/17/2015 22:20	775	0.028	560
4/17/2015 22:30	775	0.028	570
4/17/2015 22:40	776	0.028	580
4/17/2015 22:50	776	0.028	590
4/17/2015 23:00	775	0.029	600
4/17/2015 23:10	776	0.029	610
4/17/2015 23:20	776	0.029	620
4/17/2015 23:30	775	0.029	630
4/17/2015 23:40	775	0.028	640
4/17/2015 23:50	776	0.028	650
4/18/2015 00:00	774	0.030	660
4/18/2015 00:10	774	0.029	670
4/18/2015 00:20	776	0.030	680
4/18/2015 00:30	776	0.029	690
4/18/2015 00:40	775	0.029	700
4/18/2015 00:50	775	0.030	710
4/18/2015 01:00	771	0.029	720
4/18/2015 01:10	758	0.028	730
4/18/2015 01:20	750	0.027	740
4/18/2015 01:30	743	0.027	750
4/18/2015 01:40	739	0.027	760
4/18/2015 01:50	740	0.026	770
4/18/2015 02:00	740	0.026	780
4/18/2015 02:10	742	0.027	790
4/18/2015 02:20	748	0.027	800
4/18/2015 02:30	756	0.027	810
4/18/2015 02:40	760	0.029	820
4/18/2015 02:50	759	0.029	830
4/18/2015 03:00	763	0.029	840
4/18/2015 03:10	760	0.028	850
4/18/2015 03:20	759	0.029	860
4/18/2015 03:30	753	0.028	870
4/18/2015 03:40	750	0.027	880
4/18/2015 03:50	745	0.028	890
4/18/2015 04:00	755	0.028	900
4/18/2015 04:10	748	0.028	910

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/18/2015 04:20	739	0.026	920
4/18/2015 04:30	746	0.027	930
4/18/2015 04:40	756	0.028	940
4/18/2015 04:50	750	0.030	950
4/18/2015 05:00	743	0.027	960
4/18/2015 05:10	748	0.027	970
4/18/2015 05:20	746	0.029	980
4/18/2015 05:30	748	0.028	990
4/18/2015 05:40	755	Invalid Data	990
4/18/2015 05:50	775	Invalid Data	990
4/18/2015 06:00	776	Invalid Data	990
4/18/2015 06:10	775	0.033	1000
4/18/2015 06:20	776	0.032	1010
4/18/2015 06:30	777	0.031	1020
4/18/2015 06:40	775	0.031	1030
4/18/2015 06:50	775	0.031	1040
4/18/2015 07:00	776	0.030	1050
4/18/2015 07:10	776	0.031	1060
4/18/2015 07:20	775	0.030	1070
4/18/2015 07:30	776	0.030	1080
4/18/2015 07:40	775	0.031	1090
4/18/2015 07:50	775	0.030	1100
4/18/2015 08:00	776	0.031	1110
4/18/2015 08:10	775	0.030	1120
4/18/2015 08:20	775	0.031	1130
4/18/2015 08:30	775	0.031	1140
4/18/2015 08:40	776	0.030	1150
4/18/2015 08:50	775	0.031	1160
4/18/2015 09:00	775	0.031	1170
4/18/2015 09:10	776	0.032	1180
4/18/2015 09:20	775	0.031	1190
4/18/2015 09:30	775	0.031	1200
4/18/2015 09:40	776	0.031	1210
4/18/2015 09:50	776	0.031	1220
4/18/2015 10:00	776	0.031	1230
4/18/2015 10:10	775	0.032	1240
4/18/2015 10:20	775	0.032	1250
4/18/2015 10:30	776	0.031	1260
4/18/2015 10:40	769	0.032	1270
4/18/2015 10:50	748	0.030	1280
4/18/2015 11:00	750	0.028	1290
4/18/2015 11:10	752	0.030	1300
4/18/2015 11:20	751	0.029	1310
4/18/2015 11:30	750	0.029	1320
4/18/2015 11:40	751	0.029	1330
4/18/2015 11:50	751	0.029	1340
4/18/2015 12:00	750	0.029	1350
4/18/2015 12:10	750	0.027	1360
4/18/2015 12:20	751	0.026	1370

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/18/2015 12:30	751	0.026	1380
4/18/2015 12:40	750	0.026	1390
4/18/2015 12:50	750	0.026	1400
4/18/2015 13:00	750	0.026	1410
4/18/2015 13:10	751	0.025	1420
4/18/2015 13:20	751	0.026	1430
4/18/2015 13:30	750	0.026	1440
4/18/2015 13:40	750	0.026	1450
4/18/2015 13:50	751	0.025	1460
4/18/2015 14:00	751	0.026	1470
4/18/2015 14:10	751	0.026	1480
4/18/2015 14:20	750	0.026	1490
4/18/2015 14:30	750	0.025	1500
4/18/2015 14:40	751	0.025	1510
4/18/2015 14:50	750	0.025	1520
4/18/2015 15:00	749	0.024	1530
4/18/2015 15:10	750	0.025	1540
4/18/2015 15:20	751	0.024	1550
4/18/2015 15:30	751	0.024	1560
4/18/2015 15:40	751	0.025	1570
4/18/2015 15:50	750	0.025	1580
4/18/2015 16:00	750	0.024	1590
4/18/2015 16:10	751	0.025	1600
4/18/2015 16:20	751	0.024	1610
4/18/2015 16:30	750	0.024	1620
4/18/2015 16:40	749	0.026	1630
4/18/2015 16:50	750	0.024	1640
4/18/2015 17:00	752	0.024	1650
4/18/2015 17:10	751	0.024	1660
4/18/2015 17:20	750	0.025	1670
4/18/2015 17:30	750	0.025	1680
4/18/2015 17:40	751	0.024	1690
4/18/2015 17:50	751	0.024	1700
4/18/2015 18:00	750	0.025	1710
4/18/2015 18:10	750	0.024	1720
4/18/2015 18:20	751	0.024	1730
4/18/2015 18:30	751	0.025	1740
4/18/2015 18:40	750	0.024	1750
4/18/2015 18:50	750	0.025	1760
4/18/2015 19:00	750	0.025	1770
4/18/2015 19:10	750	0.024	1780
4/18/2015 19:20	751	0.025	1790
4/18/2015 19:30	751	0.025	1800
4/18/2015 19:40	750	0.025	1810
4/18/2015 19:50	750	0.026	1820
4/18/2015 20:00	751	0.025	1830
4/18/2015 20:10	751	0.025	1840
4/18/2015 20:20	750	0.025	1850
4/18/2015 20:30	750	0.026	1860

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/18/2015 20:40	749	0.025	1870
4/18/2015 20:50	750	0.025	1880
4/18/2015 21:00	752	0.025	1890
4/18/2015 21:10	750	0.026	1900
4/18/2015 21:20	750	0.026	1910
4/18/2015 21:30	751	0.025	1920
4/18/2015 21:40	749	0.025	1930
4/18/2015 21:50	728	0.024	1940
4/18/2015 22:00	738	0.024	1950
4/18/2015 22:10	726	0.025	1960
4/18/2015 22:20	708	0.023	1970
4/18/2015 22:30	712	0.022	1980
4/18/2015 22:40	719	0.023	1990
4/18/2015 22:50	718	0.023	2000
4/18/2015 23:00	703	0.023	2010
4/18/2015 23:10	694	0.020	2020
4/18/2015 23:20	711	0.022	2030
4/18/2015 23:30	716	0.023	2040
4/18/2015 23:40	724	0.022	2050
4/18/2015 23:50	735	0.023	2060
4/19/2015 00:00	738	0.024	2070
4/19/2015 00:10	737	0.022	2080
4/19/2015 00:20	746	0.024	2090
4/19/2015 00:30	735	0.023	2100
4/19/2015 00:40	739	0.023	2110
4/19/2015 00:50	743	0.025	2120
4/19/2015 01:00	739	0.024	2130
4/19/2015 01:10	742	0.025	2140
4/19/2015 01:20	735	0.025	2150
4/19/2015 01:30	713	0.023	2160
4/19/2015 01:40	696	0.022	2170
4/19/2015 01:50	718	0.023	2180
4/19/2015 02:00	724	0.025	2190
4/19/2015 02:10	711	0.023	2200
4/19/2015 02:20	716	0.023	2210
4/19/2015 02:30	736	0.025	2220
4/19/2015 02:40	737	0.026	2230
4/19/2015 02:50	726	0.025	2240
4/19/2015 03:00	704	0.024	2250
4/19/2015 03:10	691	0.022	2260
4/19/2015 03:20	690	0.022	2270
4/19/2015 03:30	691	0.023	2280
4/19/2015 03:40	692	0.022	2290
4/19/2015 03:50	700	0.024	2300
4/19/2015 04:00	699	0.022	2310
4/19/2015 04:10	704	0.022	2320
4/19/2015 04:20	698	0.022	2330
4/19/2015 04:30	698	0.022	2340
4/19/2015 04:40	695	0.022	2350

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/19/2015 04:50	701	0.023	2360
4/19/2015 05:00	691	0.022	2370
4/19/2015 05:10	686	0.021	2380
4/19/2015 05:20	714	0.023	2390
4/19/2015 05:30	736	0.027	2400
4/19/2015 05:40	749	Invalid Data	2400
4/19/2015 05:50	749	Invalid Data	2400
4/19/2015 06:00	747	Invalid Data	2400
4/19/2015 06:10	746	0.040	2410
4/19/2015 06:20	747	0.040	2420
4/19/2015 06:30	735	0.039	2430
4/19/2015 06:40	709	0.038	2440
4/19/2015 06:50	709	0.035	2450
4/19/2015 07:00	712	0.036	2460
4/19/2015 07:10	711	0.038	2470
4/19/2015 07:20	711	0.036	2480
4/19/2015 07:30	709	0.036	2490
4/19/2015 07:40	710	0.033	2500
4/19/2015 07:50	711	0.033	2510
4/19/2015 08:00	711	0.031	2520
4/19/2015 08:10	710	0.028	2530
4/19/2015 08:20	710	0.029	2540
4/19/2015 08:30	710	0.028	2550
4/19/2015 08:40	711	0.027	2560
4/19/2015 08:50	711	0.027	2570
4/19/2015 09:00	710	0.027	2580
4/19/2015 09:10	710	0.026	2590
4/19/2015 09:20	710	0.026	2600
4/19/2015 09:30	711	0.026	2610
4/19/2015 09:40	711	0.025	2620
4/19/2015 09:50	710	0.025	2630
4/19/2015 10:00	711	0.025	2640
4/19/2015 10:10	710	0.025	2650
4/19/2015 10:20	710	0.026	2660
4/19/2015 10:30	711	0.025	2670
4/19/2015 10:40	710	0.025	2680
4/19/2015 10:50	710	0.025	2690
4/19/2015 11:00	711	0.025	2700
4/19/2015 11:10	711	0.027	2710
4/19/2015 11:20	710	0.029	2720
4/19/2015 11:30	710	0.031	2730
4/19/2015 11:40	710	0.033	2740
4/19/2015 11:50	710	0.034	2750
4/19/2015 12:00	710	0.035	2760
4/19/2015 12:10	710	0.037	2770
4/19/2015 12:20	710	0.035	2780
4/19/2015 12:30	702	0.034	2790
4/19/2015 12:40	701	0.033	2800
4/19/2015 12:50	701	0.033	2810

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/19/2015 13:00	700	0.033	2820
4/19/2015 13:10	698	0.032	2830
4/19/2015 13:20	690	0.031	2840
4/19/2015 13:30	690	0.031	2850
4/19/2015 13:40	690	0.031	2860
4/19/2015 13:50	690	0.032	2870
4/19/2015 14:00	690	0.032	2880
4/19/2015 14:10	691	0.031	2890
4/19/2015 14:20	691	0.031	2900
4/19/2015 14:30	690	0.031	2910
4/19/2015 14:40	690	0.031	2920
4/19/2015 14:50	690	0.033	2930
4/19/2015 15:00	690	0.031	2940
4/19/2015 15:10	691	0.032	2950
4/19/2015 15:20	690	0.032	2960
4/19/2015 15:30	690	0.032	2970
4/19/2015 15:40	690	0.033	2980
4/19/2015 15:50	690	0.032	2990
4/19/2015 16:00	691	0.032	3000
4/19/2015 16:10	691	0.033	3010
4/19/2015 16:20	690	0.032	3020
4/19/2015 16:30	690	0.032	3030
4/19/2015 16:40	691	0.033	3040
4/19/2015 16:50	690	0.031	3050
4/19/2015 17:00	690	0.032	3060
4/19/2015 17:10	691	0.032	3070
4/19/2015 17:20	690	0.032	3080
4/19/2015 17:30	690	0.033	3090
4/19/2015 17:40	690	0.034	3100
4/19/2015 17:50	690	0.033	3110
4/19/2015 18:00	690	0.033	3120
4/19/2015 18:10	691	0.032	3130
4/19/2015 18:20	691	0.032	3140
4/19/2015 18:30	690	0.034	3150
4/19/2015 18:40	690	0.032	3160
4/19/2015 18:50	691	0.033	3170
4/19/2015 19:00	690	0.033	3180
4/19/2015 19:10	690	0.032	3190
4/19/2015 19:20	690	0.033	3200
4/19/2015 19:30	690	0.031	3210
4/19/2015 19:40	690	0.031	3220
4/19/2015 19:50	691	0.032	3230
4/19/2015 20:00	694	0.031	3240
4/19/2015 20:10	692	0.029	3250
4/19/2015 20:20	690	0.030	3260
4/19/2015 20:30	695	0.029	3270
4/19/2015 20:40	701	0.029	3280
4/19/2015 20:50	700	0.029	3290
4/19/2015 21:00	700	0.029	3300

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/19/2015 21:10	701	0.030	3310
4/19/2015 21:20	700	0.029	3320
4/19/2015 21:30	700	0.029	3330
4/19/2015 21:40	700	0.030	3340
4/19/2015 21:50	691	0.029	3350
4/19/2015 22:00	676	0.032	3360
4/19/2015 22:10	676	0.025	3370
4/19/2015 22:20	685	0.026	3380
4/19/2015 22:30	686	0.028	3390
4/19/2015 22:40	688	0.026	3400
4/19/2015 22:50	697	0.027	3410
4/19/2015 23:00	716	0.029	3420
4/19/2015 23:10	730	0.031	3430
4/19/2015 23:20	750	0.033	3440
4/19/2015 23:30	741	0.033	3450
4/19/2015 23:40	729	0.030	3460
4/19/2015 23:50	723	0.029	3470
4/20/2015 00:00	722	0.029	3480
4/20/2015 00:10	734	0.029	3490
4/20/2015 00:20	733	0.030	3500
4/20/2015 00:30	737	0.029	3510
4/20/2015 00:40	736	0.029	3520
4/20/2015 00:50	737	0.030	3530
4/20/2015 01:00	737	0.029	3540
4/20/2015 01:10	728	0.028	3550
4/20/2015 01:20	723	0.028	3560
4/20/2015 01:30	728	0.028	3570
4/20/2015 01:40	745	0.030	3580
4/20/2015 01:50	748	0.032	3590
4/20/2015 02:00	730	0.029	3600
4/20/2015 02:10	730	0.028	3610
4/20/2015 02:20	739	0.029	3620
4/20/2015 02:30	746	0.030	3630
4/20/2015 02:40	746	0.029	3640
4/20/2015 02:50	742	0.029	3650
4/20/2015 03:00	745	0.029	3660
4/20/2015 03:10	729	0.028	3670
4/20/2015 03:20	734	0.028	3680
4/20/2015 03:30	750	0.029	3690
4/20/2015 03:40	764	0.031	3700
4/20/2015 03:50	760	0.030	3710
4/20/2015 04:00	759	0.030	3720
4/20/2015 04:10	768	0.030	3730
4/20/2015 04:20	774	0.031	3740
4/20/2015 04:30	760	0.031	3750
4/20/2015 04:40	749	0.028	3760
4/20/2015 04:50	765	0.030	3770
4/20/2015 05:00	767	0.032	3780
4/20/2015 05:10	756	0.029	3790

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/20/2015 05:20	772	0.030	3800
4/20/2015 05:30	772	0.032	3810
4/20/2015 05:40	766	Invalid Data	3810
4/20/2015 05:50	767	Invalid Data	3810
4/20/2015 06:00	772	Invalid Data	3810
4/20/2015 06:10	776	0.035	3820
4/20/2015 06:20	776	0.034	3830
4/20/2015 06:30	776	0.032	3840
4/20/2015 06:40	776	0.033	3850
4/20/2015 06:50	776	0.033	3860
4/20/2015 07:00	775	0.033	3870
4/20/2015 07:10	775	0.034	3880
4/20/2015 07:20	776	0.033	3890
4/20/2015 07:30	776	0.034	3900
4/20/2015 07:40	775	0.035	3910
4/20/2015 07:50	775	0.034	3920
4/20/2015 08:00	775	0.034	3930
4/20/2015 08:10	776	0.035	3940
4/20/2015 08:20	776	0.037	3950
4/20/2015 08:30	775	0.037	3960
4/20/2015 08:40	776	0.036	3970
4/20/2015 08:50	776	0.036	3980
4/20/2015 09:00	776	0.037	3990
4/20/2015 09:10	776	0.036	4000
4/20/2015 09:20	776	0.036	4010
4/20/2015 09:30	775	0.037	4020
4/20/2015 09:40	775	0.038	4030
4/20/2015 09:50	776	0.037	4040
4/20/2015 10:00	776	0.037	4050
4/20/2015 10:10	775	0.036	4060
4/20/2015 10:20	776	0.036	4070
4/20/2015 10:30	775	0.037	4080
4/20/2015 10:40	775	0.038	4090
4/20/2015 10:50	776	0.039	4100
4/20/2015 11:00	776	0.038	4110
4/20/2015 11:10	776	0.041	4120
4/20/2015 11:20	775	0.041	4130
4/20/2015 11:30	775	0.040	4140
4/20/2015 11:40	776	0.041	4150
4/20/2015 11:50	776	0.039	4160
4/20/2015 12:00	775	0.039	4170
4/20/2015 12:10	775	0.040	4180
4/20/2015 12:20	776	0.041	4190
4/20/2015 12:30	776	0.041	4200
4/20/2015 12:40	775	0.041	4210
4/20/2015 12:50	775	0.039	4220
4/20/2015 13:00	775	0.039	4230
4/20/2015 13:10	775	0.039	4240
4/20/2015 13:20	754	0.038	4250

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	648
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/20/2015 13:30	723	0.033	4260
4/20/2015 13:40	700	0.030	4270
4/20/2015 13:50	700	0.030	4280
4/20/2015 14:00	701	0.032	4290
4/20/2015 14:10	701	0.031	4300
4/20/2015 14:20	700	0.031	4310
4/20/2015 14:30	700	0.031	4320
4/20/2015 14:40	700	0.031	4330
4/20/2015 14:50	701	0.032	4340
4/20/2015 15:00	700	0.032	4350
4/20/2015 15:10	700	0.032	4360
4/20/2015 15:20	701	0.033	4370

	Load MWe	SO2 - 72 hr Lb/MBtu
Average Values	742	0.029
Maximum Values	777	0.041
Minimum Value	669	0.017
Minimum Target	648	
Maximum Target		0.058

Attachment H. 120-Hour SO_2 Test Results

Unit 1

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/25/2015 00:50	511	0.026	0
4/25/2015 01:00	543	0.028	0
4/25/2015 01:10	573	0.030	0
4/25/2015 01:20	602	0.031	0
4/25/2015 01:30	631	0.024	0
4/25/2015 01:40	662	0.027	10
4/25/2015 01:50	678	0.027	20
4/25/2015 02:00	677	0.026	30
4/25/2015 02:10	677	0.029	40
4/25/2015 02:20	691	0.030	50
4/25/2015 02:30	692	0.030	60
4/25/2015 02:40	695	0.031	70
4/25/2015 02:50	691	0.031	80
4/25/2015 03:00	687	0.031	90
4/25/2015 03:10	683	0.032	100
4/25/2015 03:20	680	0.032	110
4/25/2015 03:30	679	0.031	120
4/25/2015 03:40	677	0.032	130
4/25/2015 03:50	679	0.032	140
4/25/2015 04:00	679	0.033	150
4/25/2015 04:10	680	0.033	160
4/25/2015 04:20	698	0.033	170
4/25/2015 04:30	694	0.034	180
4/25/2015 04:40	694	0.034	190
4/25/2015 04:50	699	0.034	200
4/25/2015 05:00	693	0.034	210
4/25/2015 05:10	692	0.034	220
4/25/2015 05:20	690	0.034	230
4/25/2015 05:30	679	0.034	240
4/25/2015 05:40	677	0.033	250
4/25/2015 05:50	679	0.034	260
4/25/2015 06:00	682	0.035	270
4/25/2015 06:10	690	0.034	280
4/25/2015 06:20	692	0.035	290
4/25/2015 06:30	702	0.037	300
4/25/2015 06:40	718	Invalid Data	300
4/25/2015 06:50	742	Invalid Data	300
4/25/2015 07:00	771	Invalid Data	300
4/25/2015 07:10	776	0.050	310
4/25/2015 07:20	775	0.047	320
4/25/2015 07:30	775	0.047	330
4/25/2015 07:40	775	0.048	340
4/25/2015 07:50	775	0.048	350
4/25/2015 08:00	775	0.047	360
4/25/2015 08:10	776	0.047	370
4/25/2015 08:20	775	0.047	380
4/25/2015 08:30	775	0.045	390

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/25/2015 08:40	776	0.045	400
4/25/2015 08:50	775	0.043	410
4/25/2015 09:00	775	0.043	420
4/25/2015 09:10	775	0.042	430
4/25/2015 09:20	776	0.040	440
4/25/2015 09:30	775	0.042	450
4/25/2015 09:40	775	0.041	460
4/25/2015 09:50	775	0.039	470
4/25/2015 10:00	776	0.040	480
4/25/2015 10:10	776	0.039	490
4/25/2015 10:20	775	0.039	500
4/25/2015 10:30	775	0.038	510
4/25/2015 10:40	776	0.038	520
4/25/2015 10:50	775	0.037	530
4/25/2015 11:00	775	0.037	540
4/25/2015 11:10	776	0.029	550
4/25/2015 11:20	775	0.027	560
4/25/2015 11:30	776	0.027	570
4/25/2015 11:40	776	0.026	580
4/25/2015 11:50	775	0.026	590
4/25/2015 12:00	775	0.026	600
4/25/2015 12:10	775	0.025	610
4/25/2015 12:20	776	0.025	620
4/25/2015 12:30	775	0.025	630
4/25/2015 12:40	776	0.025	640
4/25/2015 12:50	775	0.026	650
4/25/2015 13:00	776	0.027	660
4/25/2015 13:10	775	0.026	670
4/25/2015 13:20	775	0.025	680
4/25/2015 13:30	775	0.025	690
4/25/2015 13:40	775	0.026	700
4/25/2015 13:50	775	0.026	710
4/25/2015 14:00	776	0.026	720
4/25/2015 14:10	776	0.026	730
4/25/2015 14:20	775	0.026	740
4/25/2015 14:30	775	0.026	750
4/25/2015 14:40	775	0.027	760
4/25/2015 14:50	775	0.027	770
4/25/2015 15:00	776	0.026	780
4/25/2015 15:10	775	0.026	790
4/25/2015 15:20	775	0.027	800
4/25/2015 15:30	776	0.027	810
4/25/2015 15:40	776	0.027	820
4/25/2015 15:50	775	0.027	830
4/25/2015 16:00	774	0.027	840
4/25/2015 16:10	775	0.028	850
4/25/2015 16:20	776	0.027	860
4/25/2015 16:30	776	0.027	870
4/25/2015 16:40	776	0.027	880

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/25/2015 16:50	775	0.028	890
4/25/2015 17:00	775	0.028	900
4/25/2015 17:10	776	0.027	910
4/25/2015 17:20	775	0.028	920
4/25/2015 17:30	775	0.028	930
4/25/2015 17:40	775	0.027	940
4/25/2015 17:50	775	0.029	950
4/25/2015 18:00	776	0.028	960
4/25/2015 18:10	776	0.029	970
4/25/2015 18:20	776	0.029	980
4/25/2015 18:30	776	0.029	990
4/25/2015 18:40	776	0.028	1000
4/25/2015 18:50	775	0.028	1010
4/25/2015 19:00	775	0.029	1020
4/25/2015 19:10	775	0.029	1030
4/25/2015 19:20	776	0.029	1040
4/25/2015 19:30	775	0.029	1050
4/25/2015 19:40	775	0.029	1060
4/25/2015 19:50	776	0.029	1070
4/25/2015 20:00	775	0.029	1080
4/25/2015 20:10	775	0.030	1090
4/25/2015 20:20	775	0.030	1100
4/25/2015 20:30	775	0.030	1110
4/25/2015 20:40	776	0.030	1120
4/25/2015 20:50	775	0.030	1130
4/25/2015 21:00	776	0.031	1140
4/25/2015 21:10	776	0.030	1150
4/25/2015 21:20	776	0.030	1160
4/25/2015 21:30	776	0.030	1170
4/25/2015 21:40	775	0.030	1180
4/25/2015 21:50	775	0.029	1190
4/25/2015 22:00	761	0.029	1200
4/25/2015 22:10	736	0.027	1210
4/25/2015 22:20	730	0.027	1220
4/25/2015 22:30	716	0.026	1230
4/25/2015 22:40	713	0.025	1240
4/25/2015 22:50	726	0.026	1250
4/25/2015 23:00	725	0.027	1260
4/25/2015 23:10	725	0.027	1270
4/25/2015 23:20	725	0.027	1280
4/25/2015 23:30	725	0.027	1290
4/25/2015 23:40	726	0.027	1300
4/25/2015 23:50	722	0.027	1310
4/26/2015 00:00	701	0.026	1320
4/26/2015 00:10	700	0.026	1330
4/26/2015 00:20	696	0.026	1340
4/26/2015 00:30	675	0.024	1350
4/26/2015 00:40	675	0.025	1360
4/26/2015 00:50	675	0.025	1370

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/26/2015 01:00	676	0.025	1380
4/26/2015 01:10	675	0.024	1390
4/26/2015 01:20	674	0.025	1400
4/26/2015 01:30	675	0.026	1410
4/26/2015 01:40	675	0.025	1420
4/26/2015 01:50	675	0.025	1430
4/26/2015 02:00	676	0.025	1440
4/26/2015 02:10	676	0.024	1450
4/26/2015 02:20	675	0.025	1460
4/26/2015 02:30	675	0.024	1470
4/26/2015 02:40	676	0.024	1480
4/26/2015 02:50	676	0.025	1490
4/26/2015 03:00	676	0.024	1500
4/26/2015 03:10	675	0.024	1510
4/26/2015 03:20	675	0.024	1520
4/26/2015 03:30	676	0.024	1530
4/26/2015 03:40	676	0.024	1540
4/26/2015 03:50	675	0.024	1550
4/26/2015 04:00	675	0.024	1560
4/26/2015 04:10	675	0.024	1570
4/26/2015 04:20	675	0.024	1580
4/26/2015 04:30	675	0.024	1590
4/26/2015 04:40	675	0.025	1600
4/26/2015 04:50	675	0.025	1610
4/26/2015 05:00	675	0.025	1620
4/26/2015 05:10	675	0.024	1630
4/26/2015 05:20	676	0.024	1640
4/26/2015 05:30	686	0.025	1650
4/26/2015 05:40	687	0.025	1660
4/26/2015 05:50	678	0.024	1670
4/26/2015 06:00	677	0.023	1680
4/26/2015 06:10	685	0.023	1690
4/26/2015 06:20	712	0.024	1700
4/26/2015 06:30	737	0.026	1710
4/26/2015 06:40	764	Invalid Data	1710
4/26/2015 06:50	772	Invalid Data	1710
4/26/2015 07:00	771	Invalid Data	1710
4/26/2015 07:10	770	0.032	1720
4/26/2015 07:20	769	0.030	1730
4/26/2015 07:30	772	0.030	1740
4/26/2015 07:40	771	0.030	1750
4/26/2015 07:50	771	0.030	1760
4/26/2015 08:00	772	0.029	1770
4/26/2015 08:10	774	0.030	1780
4/26/2015 08:20	774	0.030	1790
4/26/2015 08:30	774	0.029	1800
4/26/2015 08:40	774	0.029	1810
4/26/2015 08:50	775	0.029	1820
4/26/2015 09:00	775	0.029	1830

Unit 1

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/26/2015 09:10	775	0.030	1840
4/26/2015 09:20	776	0.029	1850
4/26/2015 09:30	776	0.029	1860
4/26/2015 09:40	774	0.030	1870
4/26/2015 09:50	773	0.029	1880
4/26/2015 10:00	775	0.029	1890
4/26/2015 10:10	774	0.030	1900
4/26/2015 10:20	774	0.030	1910
4/26/2015 10:30	774	0.030	1920
4/26/2015 10:40	774	0.030	1930
4/26/2015 10:50	775	0.031	1940
4/26/2015 11:00	775	0.031	1950
4/26/2015 11:10	774	0.031	1960
4/26/2015 11:20	772	0.031	1970
4/26/2015 11:30	774	0.033	1980
4/26/2015 11:40	774	0.033	1990
4/26/2015 11:50	775	0.032	2000
4/26/2015 12:00	774	0.032	2010
4/26/2015 12:10	774	0.033	2020
4/26/2015 12:20	775	0.033	2030
4/26/2015 12:30	774	0.032	2040
4/26/2015 12:40	772	0.032	2050
4/26/2015 12:50	773	0.033	2060
4/26/2015 13:00	774	0.033	2070
4/26/2015 13:10	774	0.034	2080
4/26/2015 13:20	774	0.033	2090
4/26/2015 13:30	775	0.034	2100
4/26/2015 13:40	775	0.034	2110
4/26/2015 13:50	775	0.034	2120
4/26/2015 14:00	776	0.033	2130
4/26/2015 14:10	769	0.034	2140
4/26/2015 14:20	765	0.032	2150
4/26/2015 14:30	759	0.032	2160
4/26/2015 14:40	764	0.033	2170
4/26/2015 14:50	744	0.033	2180
4/26/2015 15:00	713	0.030	2190
4/26/2015 15:10	699	0.028	2200
4/26/2015 15:20	701	0.028	2210
4/26/2015 15:30	701	0.029	2220
4/26/2015 15:40	701	0.028	2230
4/26/2015 15:50	700	0.028	2240
4/26/2015 16:00	700	0.028	2250
4/26/2015 16:10	701	0.028	2260
4/26/2015 16:20	700	0.028	2270
4/26/2015 16:30	700	0.028	2280
4/26/2015 16:40	700	0.028	2290
4/26/2015 16:50	700	0.028	2300
4/26/2015 17:00	700	0.028	2310
4/26/2015 17:10	699	0.029	2320

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/26/2015 17:20	707	0.029	2330
4/26/2015 17:30	734	0.030	2340
4/26/2015 17:40	753	0.032	2350
4/26/2015 17:50	763	0.033	2360
4/26/2015 18:00	766	0.033	2370
4/26/2015 18:10	768	0.034	2380
4/26/2015 18:20	780	0.037	2390
4/26/2015 18:30	784	0.036	2400
4/26/2015 18:40	784	0.036	2410
4/26/2015 18:50	785	0.037	2420
4/26/2015 19:00	785	0.037	2430
4/26/2015 19:10	784	0.037	2440
4/26/2015 19:20	783	0.036	2450
4/26/2015 19:30	783	0.036	2460
4/26/2015 19:40	778	0.036	2470
4/26/2015 19:50	778	0.035	2480
4/26/2015 20:00	774	0.035	2490
4/26/2015 20:10	779	0.036	2500
4/26/2015 20:20	779	0.037	2510
4/26/2015 20:30	778	0.036	2520
4/26/2015 20:40	772	0.036	2530
4/26/2015 20:50	771	0.036	2540
4/26/2015 21:00	759	0.036	2550
4/26/2015 21:10	735	0.032	2560
4/26/2015 21:20	720	0.032	2570
4/26/2015 21:30	701	0.030	2580
4/26/2015 21:40	716	0.029	2590
4/26/2015 21:50	726	0.031	2600
4/26/2015 22:00	712	0.031	2610
4/26/2015 22:10	690	0.027	2620
4/26/2015 22:20	684	0.027	2630
4/26/2015 22:30	675	0.026	2640
4/26/2015 22:40	677	0.027	2650
4/26/2015 22:50	683	0.027	2660
4/26/2015 23:00	683	0.027	2670
4/26/2015 23:10	678	0.026	2680
4/26/2015 23:20	675	0.025	2690
4/26/2015 23:30	675	0.025	2700
4/26/2015 23:40	675	0.026	2710
4/26/2015 23:50	675	0.025	2720
4/27/2015 00:00	675	0.025	2730
4/27/2015 00:10	675	0.026	2740
4/27/2015 00:20	676	0.025	2750
4/27/2015 00:30	675	0.025	2760
4/27/2015 00:40	675	0.025	2770
4/27/2015 00:50	675	0.024	2780
4/27/2015 01:00	675	0.025	2790
4/27/2015 01:10	679	0.024	2800
4/27/2015 01:20	685	0.025	2810

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/27/2015 01:30	678	0.025	2820
4/27/2015 01:40	684	0.025	2830
4/27/2015 01:50	685	0.026	2840
4/27/2015 02:00	680	0.026	2850
4/27/2015 02:10	683	0.025	2860
4/27/2015 02:20	681	0.025	2870
4/27/2015 02:30	686	0.024	2880
4/27/2015 02:40	687	0.024	2890
4/27/2015 02:50	688	0.024	2900
4/27/2015 03:00	689	0.024	2910
4/27/2015 03:10	695	0.023	2920
4/27/2015 03:20	687	0.023	2930
4/27/2015 03:30	691	0.022	2940
4/27/2015 03:40	688	0.022	2950
4/27/2015 03:50	690	0.022	2960
4/27/2015 04:00	694	0.022	2970
4/27/2015 04:10	702	0.023	2980
4/27/2015 04:20	719	0.024	2990
4/27/2015 04:30	735	0.025	3000
4/27/2015 04:40	742	0.025	3010
4/27/2015 04:50	755	0.026	3020
4/27/2015 05:00	757	0.027	3030
4/27/2015 05:10	739	0.026	3040
4/27/2015 05:20	746	0.026	3050
4/27/2015 05:30	764	0.026	3060
4/27/2015 05:40	759	0.027	3070
4/27/2015 05:50	765	0.025	3080
4/27/2015 06:00	779	0.027	3090
4/27/2015 06:10	780	0.027	3100
4/27/2015 06:20	780	0.027	3110
4/27/2015 06:30	780	0.027	3120
4/27/2015 06:40	780	Invalid Data	3120
4/27/2015 06:50	780	Invalid Data	3120
4/27/2015 07:00	783	Invalid Data	3120
4/27/2015 07:10	783	0.031	3130
4/27/2015 07:20	783	0.029	3140
4/27/2015 07:30	784	0.029	3150
4/27/2015 07:40	784	0.029	3160
4/27/2015 07:50	782	0.028	3170
4/27/2015 08:00	782	0.028	3180
4/27/2015 08:10	781	0.026	3190
4/27/2015 08:20	782	0.027	3200
4/27/2015 08:30	783	0.026	3210
4/27/2015 08:40	781	0.026	3220
4/27/2015 08:50	783	0.028	3230
4/27/2015 09:00	783	0.027	3240
4/27/2015 09:10	781	0.027	3250
4/27/2015 09:20	782	0.026	3260
4/27/2015 09:30	784	0.027	3270

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/27/2015 09:40	784	0.027	3280
4/27/2015 09:50	781	0.026	3290
4/27/2015 10:00	781	0.025	3300
4/27/2015 10:10	782	0.025	3310
4/27/2015 10:20	784	0.024	3320
4/27/2015 10:30	782	0.024	3330
4/27/2015 10:40	782	0.024	3340
4/27/2015 10:50	782	0.024	3350
4/27/2015 11:00	781	0.024	3360
4/27/2015 11:10	780	0.024	3370
4/27/2015 11:20	778	0.024	3380
4/27/2015 11:30	780	0.025	3390
4/27/2015 11:40	782	0.025	3400
4/27/2015 11:50	782	0.024	3410
4/27/2015 12:00	782	0.024	3420
4/27/2015 12:10	782	0.024	3430
4/27/2015 12:20	780	0.024	3440
4/27/2015 12:30	782	0.023	3450
4/27/2015 12:40	781	0.024	3460
4/27/2015 12:50	782	0.024	3470
4/27/2015 13:00	781	0.023	3480
4/27/2015 13:10	782	0.024	3490
4/27/2015 13:20	784	0.025	3500
4/27/2015 13:30	784	0.025	3510
4/27/2015 13:40	783	0.025	3520
4/27/2015 13:50	784	0.026	3530
4/27/2015 14:00	784	0.026	3540
4/27/2015 14:10	784	0.025	3550
4/27/2015 14:20	784	0.026	3560
4/27/2015 14:30	784	0.025	3570
4/27/2015 14:40	784	0.026	3580
4/27/2015 14:50	785	0.026	3590
4/27/2015 15:00	784	0.026	3600
4/27/2015 15:10	783	0.026	3610
4/27/2015 15:20	782	0.026	3620
4/27/2015 15:30	780	0.027	3630
4/27/2015 15:40	781	0.026	3640
4/27/2015 15:50	781	0.027	3650
4/27/2015 16:00	781	0.028	3660
4/27/2015 16:10	781	0.026	3670
4/27/2015 16:20	781	0.027	3680
4/27/2015 16:30	781	0.027	3690
4/27/2015 16:40	780	0.027	3700
4/27/2015 16:50	779	0.027	3710
4/27/2015 17:00	779	0.027	3720
4/27/2015 17:10	780	0.026	3730
4/27/2015 17:20	780	0.027	3740
4/27/2015 17:30	779	0.026	3750
4/27/2015 17:40	779	0.026	3760

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/27/2015 17:50	781	0.027	3770
4/27/2015 18:00	782	0.026	3780
4/27/2015 18:10	776	0.026	3790
4/27/2015 18:20	773	0.026	3800
4/27/2015 18:30	767	0.024	3810
4/27/2015 18:40	764	0.024	3820
4/27/2015 18:50	760	0.024	3830
4/27/2015 19:00	773	0.024	3840
4/27/2015 19:10	767	0.025	3850
4/27/2015 19:20	761	0.024	3860
4/27/2015 19:30	772	0.025	3870
4/27/2015 19:40	770	0.025	3880
4/27/2015 19:50	765	0.024	3890
4/27/2015 20:00	772	0.024	3900
4/27/2015 20:10	780	0.025	3910
4/27/2015 20:20	775	0.025	3920
4/27/2015 20:30	776	0.024	3930
4/27/2015 20:40	777	0.025	3940
4/27/2015 20:50	771	0.025	3950
4/27/2015 21:00	769	0.024	3960
4/27/2015 21:10	771	0.023	3970
4/27/2015 21:20	772	0.024	3980
4/27/2015 21:30	772	0.024	3990
4/27/2015 21:40	770	0.023	4000
4/27/2015 21:50	768	0.024	4010
4/27/2015 22:00	760	0.024	4020
4/27/2015 22:10	748	0.022	4030
4/27/2015 22:20	745	0.022	4040
4/27/2015 22:30	748	0.023	4050
4/27/2015 22:40	741	0.022	4060
4/27/2015 22:50	741	0.022	4070
4/27/2015 23:00	740	0.021	4080
4/27/2015 23:10	728	0.021	4090
4/27/2015 23:20	725	0.022	4100
4/27/2015 23:30	730	0.021	4110
4/27/2015 23:40	732	0.021	4120
4/27/2015 23:50	733	0.021	4130
4/28/2015 00:00	732	0.020	4140
4/28/2015 00:10	715	0.020	4150
4/28/2015 00:20	699	0.018	4160
4/28/2015 00:30	689	0.018	4170
4/28/2015 00:40	686	0.018	4180
4/28/2015 00:50	686	0.018	4190
4/28/2015 01:00	689	0.018	4200
4/28/2015 01:10	688	0.017	4210
4/28/2015 01:20	685	0.017	4220
4/28/2015 01:30	682	0.017	4230
4/28/2015 01:40	682	0.017	4240
4/28/2015 01:50	682	0.017	4250

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/28/2015 02:00	681	0.017	4260
4/28/2015 02:10	679	0.017	4270
4/28/2015 02:20	675	0.017	4280
4/28/2015 02:30	677	0.015	4290
4/28/2015 02:40	686	0.016	4300
4/28/2015 02:50	702	0.017	4310
4/28/2015 03:00	716	0.018	4320
4/28/2015 03:10	725	0.018	4330
4/28/2015 03:20	735	0.018	4340
4/28/2015 03:30	735	0.018	4350
4/28/2015 03:40	736	0.018	4360
4/28/2015 03:50	731	0.018	4370
4/28/2015 04:00	729	0.017	4380
4/28/2015 04:10	726	0.018	4390
4/28/2015 04:20	725	0.017	4400
4/28/2015 04:30	722	0.018	4410
4/28/2015 04:40	721	0.019	4420
4/28/2015 04:50	725	0.018	4430
4/28/2015 05:00	707	0.017	4440
4/28/2015 05:10	711	0.018	4450
4/28/2015 05:20	732	0.019	4460
4/28/2015 05:30	746	0.019	4470
4/28/2015 05:40	764	0.020	4480
4/28/2015 05:50	762	0.020	4490
4/28/2015 06:00	767	0.020	4500
4/28/2015 06:10	778	0.021	4510
4/28/2015 06:20	780	0.022	4520
4/28/2015 06:30	780	0.022	4530
4/28/2015 06:40	780	Invalid Data	4530
4/28/2015 06:50	783	Invalid Data	4530
4/28/2015 07:00	784	Invalid Data	4530
4/28/2015 07:10	783	0.024	4540
4/28/2015 07:20	784	0.023	4550
4/28/2015 07:30	784	0.023	4560
4/28/2015 07:40	784	0.022	4570
4/28/2015 07:50	783	0.022	4580
4/28/2015 08:00	783	0.022	4590
4/28/2015 08:10	783	0.022	4600
4/28/2015 08:20	783	0.022	4610
4/28/2015 08:30	782	0.022	4620
4/28/2015 08:40	783	0.022	4630
4/28/2015 08:50	784	0.022	4640
4/28/2015 09:00	783	0.022	4650
4/28/2015 09:10	784	0.022	4660
4/28/2015 09:20	783	0.023	4670
4/28/2015 09:30	783	0.023	4680
4/28/2015 09:40	780	0.023	4690
4/28/2015 09:50	781	0.022	4700
4/28/2015 10:00	785	0.022	4710

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/28/2015 10:10	784	0.024	4720
4/28/2015 10:20	783	0.022	4730
4/28/2015 10:30	784	0.023	4740
4/28/2015 10:40	777	0.023	4750
4/28/2015 10:50	781	0.023	4760
4/28/2015 11:00	782	0.024	4770
4/28/2015 11:10	784	0.024	4780
4/28/2015 11:20	782	0.024	4790
4/28/2015 11:30	784	0.025	4800
4/28/2015 11:40	784	0.025	4810
4/28/2015 11:50	784	0.025	4820
4/28/2015 12:00	784	0.024	4830
4/28/2015 12:10	783	0.024	4840
4/28/2015 12:20	781	0.024	4850
4/28/2015 12:30	780	0.024	4860
4/28/2015 12:40	781	0.024	4870
4/28/2015 12:50	781	0.025	4880
4/28/2015 13:00	781	0.024	4890
4/28/2015 13:10	781	0.024	4900
4/28/2015 13:20	782	0.024	4910
4/28/2015 13:30	782	0.023	4920
4/28/2015 13:40	782	0.023	4930
4/28/2015 13:50	781	0.022	4940
4/28/2015 14:00	782	0.023	4950
4/28/2015 14:10	783	0.022	4960
4/28/2015 14:20	784	0.021	4970
4/28/2015 14:30	784	0.021	4980
4/28/2015 14:40	784	0.021	4990
4/28/2015 14:50	785	0.020	5000
4/28/2015 15:00	785	0.019	5010
4/28/2015 15:10	783	0.022	5020
4/28/2015 15:20	784	0.028	5030
4/28/2015 15:30	784	0.027	5040
4/28/2015 15:40	784	0.023	5050
4/28/2015 15:50	783	0.022	5060
4/28/2015 16:00	783	0.022	5070
4/28/2015 16:10	783	0.022	5080
4/28/2015 16:20	784	0.023	5090
4/28/2015 16:30	784	0.024	5100
4/28/2015 16:40	782	0.020	5110
4/28/2015 16:50	783	0.022	5120
4/28/2015 17:00	782	0.023	5130
4/28/2015 17:10	783	0.023	5140
4/28/2015 17:20	784	0.022	5150
4/28/2015 17:30	783	0.021	5160
4/28/2015 17:40	783	0.023	5170
4/28/2015 17:50	782	0.020	5180
4/28/2015 18:00	781	0.019	5190
4/28/2015 18:10	781	0.021	5200

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/28/2015 18:20	780	0.021	5210
4/28/2015 18:30	770	0.020	5220
4/28/2015 18:40	774	0.020	5230
4/28/2015 18:50	777	0.021	5240
4/28/2015 19:00	773	0.021	5250
4/28/2015 19:10	765	0.022	5260
4/28/2015 19:20	781	0.022	5270
4/28/2015 19:30	783	0.023	5280
4/28/2015 19:40	783	0.022	5290
4/28/2015 19:50	781	0.021	5300
4/28/2015 20:00	782	0.021	5310
4/28/2015 20:10	783	0.021	5320
4/28/2015 20:20	782	0.021	5330
4/28/2015 20:30	777	0.021	5340
4/28/2015 20:40	776	0.022	5350
4/28/2015 20:50	772	0.022	5360
4/28/2015 21:00	762	0.022	5370
4/28/2015 21:10	777	0.021	5380
4/28/2015 21:20	778	0.022	5390
4/28/2015 21:30	777	0.020	5400
4/28/2015 21:40	768	0.019	5410
4/28/2015 21:50	753	0.019	5420
4/28/2015 22:00	744	0.019	5430
4/28/2015 22:10	765	0.019	5440
4/28/2015 22:20	780	0.020	5450
4/28/2015 22:30	778	0.020	5460
4/28/2015 22:40	772	0.019	5470
4/28/2015 22:50	778	0.019	5480
4/28/2015 23:00	780	0.019	5490
4/28/2015 23:10	761	0.019	5500
4/28/2015 23:20	730	0.017	5510
4/28/2015 23:30	704	0.016	5520
4/28/2015 23:40	700	0.016	5530
4/28/2015 23:50	700	0.016	5540
4/29/2015 00:00	690	0.016	5550
4/29/2015 00:10	675	0.015	5560
4/29/2015 00:20	676	0.015	5570
4/29/2015 00:30	676	0.015	5580
4/29/2015 00:40	685	0.017	5590
4/29/2015 00:50	683	0.016	5600
4/29/2015 01:00	674	0.014	5610
4/29/2015 01:10	681	0.014	5620
4/29/2015 01:20	686	0.015	5630
4/29/2015 01:30	686	0.015	5640
4/29/2015 01:40	687	0.015	5650
4/29/2015 01:50	709	0.015	5660
4/29/2015 02:00	736	0.015	5670
4/29/2015 02:10	744	0.016	5680
4/29/2015 02:20	728	0.014	5690

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/29/2015 02:30	719	0.014	5700
4/29/2015 02:40	718	0.014	5710
4/29/2015 02:50	723	0.014	5720
4/29/2015 03:00	726	0.014	5730
4/29/2015 03:10	733	0.014	5740
4/29/2015 03:20	739	0.014	5750
4/29/2015 03:30	738	0.014	5760
4/29/2015 03:40	723	0.014	5770
4/29/2015 03:50	716	0.013	5780
4/29/2015 04:00	726	0.013	5790
4/29/2015 04:10	730	0.013	5800
4/29/2015 04:20	737	0.014	5810
4/29/2015 04:30	728	0.014	5820
4/29/2015 04:40	716	0.013	5830
4/29/2015 04:50	702	0.013	5840
4/29/2015 05:00	697	0.013	5850
4/29/2015 05:10	687	0.013	5860
4/29/2015 05:20	697	0.013	5870
4/29/2015 05:30	713	0.014	5880
4/29/2015 05:40	731	0.015	5890
4/29/2015 05:50	732	0.015	5900
4/29/2015 06:00	757	0.015	5910
4/29/2015 06:10	780	0.017	5920
4/29/2015 06:20	780	0.017	5930
4/29/2015 06:30	780	0.017	5940
4/29/2015 06:40	781	Invalid Data	5940
4/29/2015 06:50	781	Invalid Data	5940
4/29/2015 07:00	780	Invalid Data	5940
4/29/2015 07:10	780	0.020	5950
4/29/2015 07:20	781	0.019	5960
4/29/2015 07:30	780	0.019	5970
4/29/2015 07:40	781	0.019	5980
4/29/2015 07:50	780	0.019	5990
4/29/2015 08:00	780	0.019	6000
4/29/2015 08:10	781	0.019	6010
4/29/2015 08:20	779	0.018	6020
4/29/2015 08:30	780	0.019	6030
4/29/2015 08:40	781	0.019	6040
4/29/2015 08:50	780	0.019	6050
4/29/2015 09:00	781	0.020	6060
4/29/2015 09:10	781	0.021	6070
4/29/2015 09:20	780	0.021	6080
4/29/2015 09:30	781	0.021	6090
4/29/2015 09:40	781	0.021	6100
4/29/2015 09:50	781	0.021	6110
4/29/2015 10:00	781	0.022	6120
4/29/2015 10:10	780	0.022	6130
4/29/2015 10:20	781	0.021	6140
4/29/2015 10:30	781	0.021	6150

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/29/2015 10:40	780	0.022	6160
4/29/2015 10:50	780	0.021	6170
4/29/2015 11:00	780	0.021	6180
4/29/2015 11:10	780	0.020	6190
4/29/2015 11:20	782	0.020	6200
4/29/2015 11:30	781	0.021	6210
4/29/2015 11:40	780	0.021	6220
4/29/2015 11:50	780	0.020	6230
4/29/2015 12:00	782	0.021	6240
4/29/2015 12:10	782	0.022	6250
4/29/2015 12:20	780	0.019	6260
4/29/2015 12:30	781	0.020	6270
4/29/2015 12:40	781	0.020	6280
4/29/2015 12:50	781	0.020	6290
4/29/2015 13:00	780	0.020	6300
4/29/2015 13:10	781	0.020	6310
4/29/2015 13:20	781	0.020	6320
4/29/2015 13:30	780	0.019	6330
4/29/2015 13:40	780	0.020	6340
4/29/2015 13:50	781	0.020	6350
4/29/2015 14:00	781	0.019	6360
4/29/2015 14:10	781	0.019	6370
4/29/2015 14:20	781	0.020	6380
4/29/2015 14:30	781	0.020	6390
4/29/2015 14:40	781	0.019	6400
4/29/2015 14:50	781	0.019	6410
4/29/2015 15:00	781	0.020	6420
4/29/2015 15:10	780	0.020	6430
4/29/2015 15:20	781	0.020	6440
4/29/2015 15:30	778	0.021	6450
4/29/2015 15:40	779	0.019	6460
4/29/2015 15:50	782	0.021	6470
4/29/2015 16:00	781	0.021	6480
4/29/2015 16:10	779	0.020	6490
4/29/2015 16:20	781	0.020	6500
4/29/2015 16:30	781	0.020	6510
4/29/2015 16:40	780	0.021	6520
4/29/2015 16:50	780	0.020	6530
4/29/2015 17:00	781	0.021	6540
4/29/2015 17:10	780	0.021	6550
4/29/2015 17:20	780	0.020	6560
4/29/2015 17:30	781	0.021	6570
4/29/2015 17:40	781	0.020	6580
4/29/2015 17:50	781	0.022	6590
4/29/2015 18:00	780	0.021	6600
4/29/2015 18:10	781	0.021	6610
4/29/2015 18:20	780	0.022	6620
4/29/2015 18:30	784	0.022	6630
4/29/2015 18:40	785	0.022	6640

Unit 1

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/29/2015 18:50	784	0.023	6650
4/29/2015 19:00	783	0.022	6660
4/29/2015 19:10	785	0.023	6670
4/29/2015 19:20	785	0.023	6680
4/29/2015 19:30	784	0.023	6690
4/29/2015 19:40	784	0.022	6700
4/29/2015 19:50	783	0.022	6710
4/29/2015 20:00	783	0.023	6720
4/29/2015 20:10	782	0.023	6730
4/29/2015 20:20	781	0.023	6740
4/29/2015 20:30	780	0.022	6750
4/29/2015 20:40	780	0.023	6760
4/29/2015 20:50	779	0.024	6770
4/29/2015 21:00	779	0.023	6780
4/29/2015 21:10	781	0.023	6790
4/29/2015 21:20	773	0.023	6800
4/29/2015 21:30	766	0.022	6810
4/29/2015 21:40	754	0.021	6820
4/29/2015 21:50	744	0.021	6830
4/29/2015 22:00	718	0.020	6840
4/29/2015 22:10	694	0.018	6850
4/29/2015 22:20	682	0.018	6860
4/29/2015 22:30	683	0.018	6870
4/29/2015 22:40	679	0.018	6880
4/29/2015 22:50	686	0.019	6890
4/29/2015 23:00	685	0.019	6900
4/29/2015 23:10	675	0.018	6910
4/29/2015 23:20	676	0.018	6920
4/29/2015 23:30	676	0.017	6930
4/29/2015 23:40	676	0.017	6940
4/29/2015 23:50	676	0.018	6950
4/30/2015 00:00	675	0.017	6960
4/30/2015 00:10	676	0.018	6970
4/30/2015 00:20	675	0.017	6980
4/30/2015 00:30	675	0.017	6990
4/30/2015 00:40	675	0.018	7000
4/30/2015 00:50	675	0.018	7010
4/30/2015 01:00	676	0.018	7020
4/30/2015 01:10	675	0.018	7030
4/30/2015 01:20	675	0.019	7040
4/30/2015 01:30	676	0.019	7050
4/30/2015 01:40	675	0.019	7060
4/30/2015 01:50	676	0.018	7070
4/30/2015 02:00	676	0.018	7080
4/30/2015 02:10	676	0.019	7090
4/30/2015 02:20	675	0.019	7100
4/30/2015 02:30	675	0.019	7110
4/30/2015 02:40	675	0.019	7120
4/30/2015 02:50	676	0.019	7130

Unit 1

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	648
Target, minutes	7200

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as alowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
4/30/2015 03:00	676	0.020	7140
4/30/2015 03:10	688	0.019	7150
4/30/2015 03:20	698	0.020	7160
4/30/2015 03:30	696	0.020	7170
4/30/2015 03:40	695	0.019	7180
4/30/2015 03:50	694	0.020	7190
4/30/2015 04:00	686	0.020	7200
4/30/2015 04:10	680	0.019	7210
4/30/2015 04:20	699	0.020	7220
4/30/2015 04:30	691	0.020	7230
4/30/2015 04:40	696	0.020	7240

	Load MWe	SO2 - 120 hr Lb/MBtu
Average Values	748	0.025
Maximum Values	785	0.050
Minimum Value	662	0.013
Minimum Target	648	
Maximum Target		0.070

IN-SERVICE TESTING REPORT

La Cygne Unit 2 & Common

B&V PROJECT NO. 166817

Missouri Case No. ER-2014-0370

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Schedule RNB-12

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1.0 Executive Summary

Kansas City Power & Light Company (KCP&L) performed in-service testing of the Unit 2 La Cygne Air Quality Control (AQC) systems during the period from February 26, 2015 through March 24, 2015. KCP&L previously consulted the Staff of the Missouri Public Service Commission (MPSC) to develop in-service test criteria that established specific construction and performance conditions that the La Cygne Unit 1 and Unit 2 and Common plant related to the AQC systems had to meet in order to demonstrate that the environmental control equipment including the nitrogen oxide (NO_x), particulate, and the sulfur dioxide (SO_2) control equipment were in-service and "used and required to be used" in service to KCP&L's customers. As of March 24, 2015, KCP&L successfully achieved each in-service criterion for Unit 2 and Common.

2.0 La Cygne Project Description and Background

La Cygne Generating Station Unit 2 operates at a nominal capacity of 715 MW and burns Powder River Basin (PRB) from various mines. Unit 2 has the flexibility to burn a blend of PRB and Kansas/Missouri coal. Unit 2 has its own flue in the Common concrete shell. The unit is located at the La Cygne Generating Station near La Cygne, Kansas.

The La Cygne Environmental Retrofit Project included the addition of state of the art environmental controls on the existing unit that meets or exceeds Best Available Control Technology standards at the time the permit was issued. The Unit 2 equipment arrangement upon completion of the Environmental Retrofit Project includes a selective catalytic reduction (SCR) system, a pulse-jet fabric filter (PJFF) replacing the existing electrostatic precipitator, induced draft (ID) fans, a wet flue gas desulfurization (WFGD) system, and a dual-flue chimney (single chimney shell shared with Unit 1 with a separate flue for each unit). Additional equipment, commonly shared by Unit 1 and Unit 2 and essential to the operation of the AQC equipment on both units, is referred to as Common equipment. This equipment includes, but is not limited to, auxiliary power, fire protection, potable water, and gypsum, limestone, and fly ash handling systems.

3.0 In-Service Test Criteria and Procedures

The new La Cygne Unit 2 AQC systems provide control for three distinct criteria air emissions: NO_x, SO_2, and particulate matter less than 10 microns as both filterable (PM_{10F}) and total (PM_{10T}), each with distinct in-service criteria. The three main control systems for each of these emission types include the SCR for NO_x removal, the PJFF for particulate removal, and the WFGD for SO_2 removal, although some of the control systems do provide co-beneficial removal of other air emissions. Control of each of the three emission types is necessary to meet the in-service criteria in order for the AQC systems to be considered in-service. In-service criteria, attached to this Report as Attachment A, includes: (1) Completion of all major construction work for Unit 2 and; (2) Successful completion of all preoperational tests; and (3) AQC equipment had to successfully meet certain in-service performance criteria. In-service project completion criteria 1 and 2 are documented by Attachment B, KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status, which provides the construction completion and commissioning dates of all the major equipment.

In-service criteria contained specific 4-hour, 72-hour (NO_x and SO_2 only) and 120-hour testing requirements for the air emissions described above. The in-service criteria included requirements that the 4-hour particulate testing be executed at greater than or equal to 90 percent design load (644 MW), the 4-hour NO_x and SO_2 testing be executed at greater than or equal to 93 percent design load (665 MW), and the 72-hour NO_x and SO_2 testing along with all 120-hour testing be executed at greater than or equal to 80 percent design load (572 MW). In-service criterion required that the

Continuous Emission Monitoring System (CEMS) be operational and demonstrate the capability of monitoring NO_x, PM_{10F}, PM_{10T} and SO_2 emission levels.

La Cygne Environmental Partners (LEP) completed necessary construction and pre-operational tests on the AQC systems to support unit start-up January 20, 2015. Following several unit boiler outages unrelated to the new equipment, on February 19, 2015, Unit 2 output reached a load level greater than 90 percent; a load level sufficient to complete stack reference testing for PM_{10F} and PM_{10T} emissions. Particulate matter test runs were conducted by Burns & McDonnell on February 19, 2015 to measure filterable particulate less than 10 microns (PM_{10F}) and total particulate less than 10 microns (PM_{10T}). Since PM CEMS systems can only measure the filterable portion of PM_{10} and not the condensable portion of particulate emissions that the EPA also defines as part $PM_{10T,}$ this testing was necessary to allow the development of a correlation factor between the PM_{10F} and PM_{10T} emissions. The PM CEMS uses this correlation factor to calculate the PM_{10T} emission from the measured PM_{10F} emission. This PM_{10} testing is in addition to the PM CEMS correlation testing performed by C.E.M. Solutions that is necessary per EPA regulations to allow development of a correlation curve of the filterable emissions to actual stack measurements. All PM testing was conservatively completed using EPA MATS Method 5/202 which includes particulate smaller and greater than 10 microns. The practice of using this test method is commonly allowed by regulators as it is easier and more practical to complete as compared to methods that only measure PM_{10}.

Attachment C provides a summary of the PM_{10F} and PM_{10T} correlation testing from the testing contractor, Burns & McDonnell. This summary includes the correlation factor calculation, results of the PM CEMS correlation verification and results of the Relative Accuracy Test Audit (RATA) testing completed by LEP and their subcontractor, C.E.M. Solutions. C.E.M. Solutions testing has identified that the CEMS achieved provisional acceptance by meeting all EPA 40 CFR Part 75 requirements.

The unit and new equipment then operated to allow completion of the remaining commissioning and in-service tests through the period of March 24, 2015 for all equipment required for in-service testing. A summary of the in-service criteria and test results is given in Table 1. Each of the tests listed in Table 1 are described in more detail in the subsequent sections of this report. Note that all times reported in this report and attachments are based on Central Standard Time as the CEMS clock does not adjust for daylight savings time.

Table 1 MPSC In-Service Criteria and Test Results

IN-SERVICE CRITERIA	IN-SERVICE EMISSION CRITERIA, LB/MMBTU		IN-SERVICE LOAD CRITERIA, MW	
	CRITERIA LIMIT	ACTUAL TEST MAXIMUM	CRITERIA LIMIT	ACTUAL TEST MINIMUM
4-hour NO_X emissions at ≥ 93 percent design load (10 min avg)	≤ 0.055	0.053	≥665	699
72-hour NO_X emissions at ≥ 80 percent design load (10 min avg)(1)	≤ 0.058	0.055	≥572	584
120-hour NO_X emissions at ≥ 80 percent design load (10 min avg)(1)	≤ 0.07	0.069	≥572	584
4-hour PM_{10} filterable emissions at ≥ 90 percent design load (10 min avg)	≤ 0.013	0.006	≥644	699
4-hour PM_{10} total emissions at ≥ 90 percent design load (10 min avg)	≤ 0.022	0.014(2)	≥644	699
120-hour PM_{10} filterable emissions at ≥ 80percent design load (10 min avg)	≤ 0.014	0.007	≥572	584
120-hour PM_{10} total emissions at ≥ 80 percent design load (10 min avg)	≤ 0.023	0.017(2)	≥572	584
4-hour SO_2 emissions at ≥ 93 percent design load (10 min avg)	≤ 0.055 (3)	0.018	≥665	671
72- hour SO_2 emissions at ≥ 80 percent design load (10 min avg) (1)	≤ 0.058 (4)	0.044	≥572	614
120-hour SO_2 emissions at ≥ 80 percent design load (10 min avg) (1)	≤ 0.07	0.044	≥572	575

Notes:

1. 72 hour and 120 hour test periods may, but are not required to, occur concurrently.
2. Using correlation factor of PM_{10} filterable to PM_{10} Total emissions as determined by previous testing and implemented in the PM CEMS.
3. The less strict requirement of this limit or a 97.8 removal efficiency criterion was to be met. The removal efficiency requirement is stricter and not required to be met based on the fuels burned for this testing.
4. The less strict requirement of this limit or a 97.7 removal efficiency criterion was to be met. The removal efficiency requirement is stricter and not required to be met based on the fuels burned for this testing.

4.0 In-Service NO_x Reduction Test and Results

The pre-operational tests of the various SCR subsystems (*i.e.,* sonic horns, rappers, dilution air fans, damper controls, air compressor, thermocouples and differential pressure transmitters, dilution air skid, ammonia storage tank, vaporizers, regulators, and water fogging system) were completed to support start-up of the SCR operation and testing in accordance with the dates in Attachment B. On February 19, La Cygne plant personnel initiated ammonia injection into the flue gas stream and preliminary operation of the ammonia injection grid and SCR.

The NO_x reduction in-service testing began March 8, 2015. Data was measured and stored by the CEMS on 1-minute emission averages. This 1-minute data was collected and used to calculate 10-minute averages as the calculation of 10-minute averages by the CEMS is not a typical EPA reporting format. The use of the 10-minute averages follows the precedent set by the previous in-service testing completed by KCP&L for the Iatan plant. It is noted that the CEMS performs automatic calibrations, ranging in duration from 20 to 30 minutes and hourly probe blowbacks. During those calibration periods and probe blowbacks, in accordance with EPA regulations, the CEMS marks the data as invalid and, as a result, some 10-minute reporting periods can be impacted. General EPA reporting protocol was followed which used all valid data collected during a 10-minute period to determine the 10-minute average. The time stamps on averaging period indicates the end of the averaging period, *i.e.*, an averaging period noted ending in the 10th minute of the hour encompasses the time period of 00:00 through 09:59. All 10-minute averaging periods during which no valid data was collected were marked as "Invalid Data" and that averaging period was excluded from consideration in the operating period. As noted the exclusion of these invalid data periods is common to normal operation and allowed under EPA protocol. All of these 10-minutes operating periods are clearly identified with the note "Invalid Data" in the data presented. The complete data for the NO_x testing results are provided in Attachment D - 4-Hour NOx Test Results, Attachment E - 72-Hour NOx Test Results and Attachment F - 120-Hour NOx Test Results.

In-Service NO_x Test Results:

The 4-hour in-service test was started at 0930 on March 8, 2015 and concluded at 1330 on March 8, 2015. The maximum output of NO_x at the stack during this period was 0.053 lb/MMBtu, with a minimum unit load of 699 MW (representing approximately 98 percent of design load). The 10-minute average test data included in Attachment D shows that output NO_x over the 4-hour test period was successfully maintained below the in-service criterion limit of 0.055 lb/MMBtu. On this basis, KCP&L satisfied the 4-hour NO_x reduction in-service criterion.

The 72-hour in-service test was started at 1450 on March 8, 2015 and concluded at 1620 on March 11, 2015. During the included time periods, the maximum output of NO_x at the stack was 0.055 lb/MMBtu with an average emission rate of 0.044 lb/MMBtu. Minimum operating load for the Unit was 584 MW (representing 82 percent of design load) and an average load of 678 MW.

The 120-hour in-service test was started at 1430 on March 8, 2015 and concluded at 1700 on March 13, 2015. During the included time periods, the maximum output of NO_x at the stack was 0.069 lb/MMBtu with an average emission rate of 0.043 lb/MMBtu. Minimum operating load for the Unit was 584 MW (representing 82 percent of design load) and an average load of 669 MW.

The 10-minute average test data included in Attachment E - 72-Hour NOx Test Results and in Attachment F - 120-Hour NOx Test Results shows that the NO_x emissions were successfully maintained below the in-service criterion limits of 0.058 lb/MMBtu and 0.07 lb/MMBtu

respectively, while the Unit was simultaneously at or above 572 MW for the required 72 and 120 hours. On this basis, KCP&L satisfied the 72 and 120-hour NO_x reduction in-service criterion.

5.0 In-Service Particulate Reduction Test and Results

The completion of major construction of the various fabric filter subsystems occurred prior to the first fire of the Unit after completing its outage. The pre-operational tests of the various fabric filter subsystems (*i.e.*, fabric filter compartments, dampers, damper controls, air compressors, thermocouples and differential pressure transmitters, pulse jet air system and ash removal system) were completed prior to the initial operation of the fabric filter in January 2015. Operating personnel pre-coated the fabric filter bags in accordance with the manufacturer's recommendations prior to flue gas first being emitted to the fabric filter. Boiler unit operations and requirements for other operational tests prevented the in-service emission testing from beginning until March 19, 2015.

In-Service Particulate Reduction Test Results:

Following the required stack emission testing for the development of the correlation curve for the PM CEMS and the PM_{10F} to PM_{10T} correlation factor as explained in Section 3, the PM_{10} 4-hour testing began at 1310 on March 19, 2015 and ended at 1710 March 19, 2015, with the PM CEMS providing measurement of the emissions. The maximum PM_{10F} measurement for the test period was 0.006 lb/MMBtu with an average of 0.006 lb/MMBtu, while the maximum PM_{10T} measurement was 0.014 lb/MMBtu with an average of 0.014 lb/MMBtu. Minimum unit load during the test was 699 MW (representing 98 percent of design load). Attachment G - 4-Hour Particulate Test Results provides the full data from this testing.

The PM_{10} 120-hour testing began at 1710 on March 19, 2015 and ended at 1940 March 24, 2015, with the PM CEMS providing measurement of the emissions. The maximum PM_{10F} measurement for the test period was 0.007 lb/MMBtu with an average of 0.006 lb/MMBtu, while the maximum PM_{10T} measurement was 0.017 lb/MMBtu with an average of 0.013 lb/MMBtu. Minimum unit load during the test was 584 MW (representing 82 percent of design load). Attachment H - 120-Hour Particulate Test Results provides the full data from this testing.

The test data shows that particulate emission controls successfully maintained the emissions below the 4-hour criterion limits of 0.013 lb/MMBtu for PM_{10F} and 0.022 lb/MMBtu for PM_{10T} and the 120-hour testing limits of 0.014 lb/MMBtu for PM_{10F} and 0.023 lb/MMBtu for PM_{10T}. On this basis, KCP&L satisfied the particulate reduction in-service criterion.

6.0 In-Service SO_2 Reduction Test and Results

The completion of major construction of the various absorber and reagent preparation subsystems occurred in January 2015 to allow Unit 2 start-up in mid-January 2015. The pre-operational tests of the various absorber and reagent preparation subsystems (*i.e.*, absorber vessel, recycle pumps, mist eliminator, reagent feed system, absorber bleed system, limestone conveying system, ball mills, reclaim water system, filter feed system, and gypsum dewatering and conveying systems) were completed prior to flue gas first being emitted to the system. Boiler unit operations and requirements for other operational tests prevented the in-service emission testing from beginning until February 26, 2015.

SO_2 stack emission data was collected from the CEMS similar to the procedure discussed for the NO_x testing in Section 4.0. All "Invalid Data" was identified in accordance with guidelines set forth in

that section. The complete data for the SO_2 testing results are provided in Attachment I - 4-Hour SO2 Test Results, Attachment J - 72-Hour SO2 Test Results and Attachment K - 120-Hour SO2 Test Results.

In-Service SO_2 Test Results:

The 4-hour in-service test was started at 0850 February 26, 2015 and concluded at 1250 February 26, 2015. The maximum output of SO_2 at the stack during this period was 0.018 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.014 lb/MMBtu. Minimum unit load was 671 MW (representing 94 percent of design load), while average load was 680 MW. The 10-minute average test data included in Attachment I shows that SO_2 emissions over the 4-hour test were successfully maintained below the in-service criterion limit of 0.055 lb/MMBtu. On this basis, KCP&L satisfied the 4-hour SO_2 reduction in-service criterion.

The 72-hour in-service test was started at 1300 February 26, 2015 and concluded at 1530 March 1, 2015. During this time period, the maximum output of SO_2 at the stack was 0.044 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.022 lb/MMBtu. Minimum load during the test was 614 MW (representing 86 percent of design load), while average load was 684 MW. The 10-minute average test data included in Attachment J shows that SO_2 emissions over the 72-hour test were successfully maintained below the in-service criteria limit of 0.058 lb/MMBtu. On this basis, KCP&L satisfied the 72-hour SO_2 reduction in-service criterion.

The 120-hour in-service test was started at 0940 March 2, 2015 and concluded at 1210 March 7, 2015. During this time period, the maximum output of SO_2 at the stack was 0.044 lb/MMBtu and the average SO_2 emission at the stack during this period was 0.022 lb/MMBtu. Minimum load during the test was 575 MW (representing 80 percent of design load), while the average load was 676 MW. The 10-minute average test data included in Attachment K show that SO_2 emissions over the 120-hour test were successfully maintained below the in-service criteria limit of 0.07 lb/MMBtu. On this basis, KCP&L satisfied the 120-hour SO_2 reduction in-service criterion.

7.0 Conclusion

KCP&L and its contractors have completed all major construction and pre-operational testing of the La Cygne Unit 2 and Common AQC Systems. During the period of February 19 through March 24, 2015 the individual testing of the three air emission types, NO_x, particulate and SO_2, identified as the in-service criteria, demonstrated the ability of the primary control systems to meet the in-service criteria by fulfilling the 4-hour, 72-hour and 120-hour tests. The CEMS certification tests completed by LEP and their subcontractor, C.E.M. Solutions, demonstrated the ability of the CEMS to measure the NO_x and SO_2 emissions. PM_{10} stack measurements and results submitted by the testing subcontractors, Burns & McDonnell and C.E.M. Solutions, provide the necessary data to correlate and demonstrate the ability of the PM CEMS to measure PM_{10} emissions. Therefore, the La Cygne Unit 2 and Common AQC Systems have successfully met each of the in-service criteria and as of March 24, 2015 can be declared “used and required to be used” for service to KCP&L’s customers.

Attachment A. In-Service Test Criteria

MPSC In-Service Criteria for La Cygne Unit 2 and Common

PM10 Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. PM10 filterable: Unit 2 shall demonstrate its ability to operate at or above 90 percent of its nominal gross output of 715 MW (644 MW – 715 MW) with emissions that contain on average 0.013 lb/mmBTU or less as measured by the CEMS over a continuous four (4) hour period.

4. PM10 filterable: Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.014 lb/mmBTU or less as measured by the CEMS over a continuous 120 hour period.

5. PM10 total: Unit 2 shall demonstrate its ability to operate at or above 90 percent of its nominal gross output of 715 MW (644 MW – 715 MW) with emissions that contain on average 0.022 lb/mmBTU or less as measured by the CEMS over a continuous four (4) hour period.

6. PM10 total: Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.023 lb/mmBTU or less as measured by the CEMS over a continuous 120 hour period.

7. Continuous emission monitoring systems (CEMS) are operational and demonstrate the capability of monitoring the PM10 emissions to satisfy the parameters in items (3), (4), (5) and (6) above.

SO_2 Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. Unit 2 shall demonstrate its ability to operate at or above 93 percent of its nominal gross output of 715 MW (665 MW – 715 MW) with emissions that contain on average 0.055 lb/mmBTU or less (or 97.8 percent removal, whichever is less stringent) as measured by the CEMS over a continuous four (4) hour period.

4. Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.058 lb/mmBTU or less (or 97.7 percent removal, whichever is less stringent) as measured by the CEMS over a continuous 72 hour period.

5. Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.07 lb/mmBTU or less (or 97.7 percent removal, whichever is less stringent) as measured by the CEMS over a continuous 120 hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently

6. CEMS are operational and demonstrate the capability of monitoring the SO_2 emissions to satisfy the parameters in items (3), (4) and (5) above.

NO_x Compliance – La Cygne Unit 2 and Common

1. All major construction work for Unit 2 and Common is complete.

2. All preoperational tests for Unit 2 and Common have been successfully completed.

3. Unit 2 shall demonstrate its ability to operate at or above 93 percent of its nominal gross output of 715 MW (665 MW – 715 MW) with emissions that contain on average 0.055 lb/mmBTU or less as measured by the continuous emission monitoring systems (CEMS) over a continuous four (4) hour period.

4. Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.058 lb/mmBTU or less as measured by the CEMS over a continuous 72 hour period.

5. Unit 2 shall demonstrate its ability to operate at or above 80 percent of its nominal gross output of 715 MW (572 MW – 715 MW) with emissions that contain on average 0.07 lb/mmBTU or less as measured by the CEMS over a continuous 120 hour period. Successful completion of items (4) and (5) may, but are not required to, occur concurrently

6. CEMS are operational and demonstrate the capability of monitoring the NO_x emissions to satisfy the parameters in items (3), (4) and (5) above.

Attachment B. Construction Completion & Commissioning Status

KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
T/O Packs: PWR Power T/O Packs					
T/O Packs: PWR.02DCU-01.01 Commission System [DC & UPS System Unit 2(02DCU-01.01)]					
ST09.02DCU-02.01to	TO System to Start Up [DC & UPS System Unit 2(02DCU-02.01)]	16	100%	01-08-14 A	01-09-14 A
ST09.02DCU-02.01cs	Commission System [DC & UPS System Unit 2(02DCU-02.01)]	8	100%	04-16-14 A	05-14-14 A
T/O Packs: PWR.02AUX-01.01 Unit 2 Aux Transformer					
ST09.02AUX-01.01to	TO System to Start Up [Unit 2 Aux Transformer(02AUX-01.01)]	16	100%	01-15-14 A	01-17-14 A
ST09.02AUX-01.01ek	Energize and Soak [Unit 2 Aux Transformer(02AUX-01.01)]	8	100%	03-21-14 A	03-21-14 A
T/O Packs: PWR.02EMB-01.01 13.8 KV BUS 22A and 22B					
ST09.02EMB-01.01to	TO System to Start Up [13.8 KV Bus 22A and 22B(02EMB-01.01)]	16	100%	01-15-14 A	01-17-14 A
ST09.02EMB-01.01es	Energize Switchgear Bus [13.8 KV Bus 22A and 22B(02EMB-01.01)]	8	100%	05-15-14 A	05-15-14 A
T/O Packs: PWR.02EMB-02.01 Unit 2 MV BUS 2G and 2H (6.9KV)					
ST09.02EMB-02.01to	TO System to Start Up [Unit 2 MV BUS 2G and 2H(02EMB-02.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.02EMB-02.01es	Energize Switchgear Bus Unit 2 MV BUS 2G and 2H(02EMB-02.01)]	8	100%	06-24-14 A	06-24-14 A
T/O Packs: PWR.01EMB-02.01 Unit 1 MV BUS 1G and 1H (6.9KV)					
ST09.01EMB-02.01to	TO System to Start Up [Unit 1 MV BUS 1G and 1H(01EMB-02.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.01EMB-02.01es	Energize Switchgear Bus [Unit 1 MV BUS 1G and 1H(01EMB-02.01)]	8	100%	06-24-14 A	06-24-14 A
T/O Packs: PWR.02ELS-02.01 Unit 2 LV Bus Absorber - 480V					
ST09.02ELS-02.01to	TO System to Start Up [Unit 2 LV Bus Absorber(02ELS-02.01)]	16	100%	02-11-14 A	02-12-14 A
ST09.02ELS-02.01cs	Commission System [Unit 2 LV Bus Absorber(02ELS-02.01)]	24	100%	06-04-14 A	06-06-14 A
T/O Packs: PWR.00ELS-01.01 LV Bus AQC-PDC Common - 480V					
ST09.00ELS-01.01to	TO System to Start Up [LV Bus AQC-PDC Common(00ELS-01.01)]	16	100%	02-11-14 A	02-12-14 A
ST09.00ELS-01.01es	Energize SWGR [LV Bus AQC-PDC Common(00ELS-01.01)]	32	100%	05-27-14 A	05-30-14 A
T/O Packs: PWR.00ELM-01.01 LV MCC's 18A/28A - Service Water - 480V					
ST09.00ELM-01.01to	TO System to Start Up [LV MCC's 18A/28A-Service Water (00ELM-01.01)]	16	100%	03-25-14 A	03-26-14 A
ST09.00ELM-01.01em	Energize MCC [LV MCC's 18A/28A-Service Water (00ELM-01.01)]	48	100%	05-27-14 A	05-30-14 A
T/O Packs: PWR.00ELS-03.01 LV Bus Limestone-Fly Ash-Common - 480V					
ST09.00ELS-03.01to	TO System to Start Up [LV Bus Limestone-Fly Ash-Common(00ELS-03.01)]	16	100%	03-28-14 A	03-28-14 A
ST09.00ELS-03.01es	Energize SWGR [LV Bus Limestone-Fly Ash-Common(00ELS-03.01)]	16	100%	07-02-14 A	07-03-14 A
T/O Packs: PWR.00ELS-02.01 LV Bus Emergency - Common 480V					
ST09.00ELS-02.01to	TO System to Start Up [LV Bus Emergency-Common(00ELS-02.01)]	16	100%	02-14-14 A	02-17-14 A
ST09.00ELS-02.01es	Energize SWGR [LV Bus Emergency-Common(00ELS-02.01)]	16	100%	06-11-14 A	06-12-14 A
T/O Packs: PWR.02ELM-02.01 LV MCC's 22A/23A - Absorber Unit 2 - 480V					
ST09.02ELM-02.01to	TO System to Start Up [LV MCC's 22A/23A-Absorber Unit 2(02ELM-02.01)]	8	100%	02-13-14 A	02-14-14 A
ST09.02ELM-02.01em	Energize MCC [LV MCC's 22A/23A-Absorber Unit 2(02ELM-02.01)]	32	100%	06-10-14 A	06-12-14 A
T/O Packs: PWR.00ELM-04.01 LV MCC's 16A/26A - Limestone Handling - Fly Ash - 480V					
ST09.00ELM-04.01to	TO System to Start Up [LV MCC's 16A/26A-Limestone Handling(00ELM-04.01)]	8	100%	02-13-14 A	02-14-14 A
ST09.00ELM-04.01em	Energize MCC [LV MCC's 16A/26A-Limestone Handling(00ELM-04.01)]	24	100%	07-02-14 A	07-03-14 A
T/O Packs: PWR.00ELM-02.01 LV MCC's 17B/27B - Limestone - Slurry - 480V					
ST09.00ELM-02.01to	TO System to Start Up [LV MCC's 17B/27B-Limestone-Slurry(00ELM-02.01)]	16	100%	04-03-14 A	04-04-14 A
ST09.00ELM-02.01em	Energize MCC [LV MCC's 17B/27B-Limestone-Slurry(00ELM-02.01)]	32	100%	07-22-14 A	07-25-14 A
T/O Packs: PWR.02ELS-01.01 Unit 2 LV Bus FF-ABS - 480V					
ST09.02ELS-01.01to	TO System to Start Up [Unit 2 LV Bus FF(02ELS-01.01)]	8	100%	02-13-14 A	02-14-14 A
ST09.02ELS-01.01ep	Commission [Unit 2 LV Bus FF(02ELS-01.01)]	16	100%	06-12-14 A	06-13-14 A
T/O Packs: PWR.02ELM-01.01 LV MCC's 24A/25A- FF Unit 2 - 480V					
ST09.02ELM-01.01to	TO System to Start Up [LV MCC's 24A/25A-FF Unit 2(02ELM-01.01)]	16	100%	04-04-14 A	04-04-14 A
ST09.02ELM-01.01em	Energize MCC [LV MCC's 24A/25A-FF Unit 2(02ELM-01.01)]	32	100%	07-22-14 A	07-25-14 A
T/O Packs: PWR.00ELM-03.01 LV MCC's 17A/27A - ESS - 480V					
ST09.00ELM-03.01to	TO System to Start Up [LV MC MCC's 17A.27A-ESS(00ELM-03.01)]	16	100%	04-03-14 A	04-04-14 A
ST09.00ELM-03.01em	Energize MCC [LV MC MCC's 17A.27A-ESS(00ELM-03.01)]	32	100%	07-22-14 A	07-25-14 A
T/O Packs: PWR.02ELM-03.01 LV MCC's 24B/ 25B SCR MCC U2					
ST09.02ELM-03.01to10	TO System to Start Up [LV MCC's 24B/ 25B MCC U2(02ELM-03.01)]	16	100%	08-08-14 A	08-08-14 A
ST09.02ELM-03.01em10	Energize MCC [LV MCC's 24B/ 25B MCC U2(02ELM-03.01)]	24	100%	12-04-14 A	12-05-14 A
T/O Packs: PWR.00EMG-01.01 Emergency Diesel Generator					
ST09.00EMG-01.01to	TO System to Start Up [Emergency Diesel Generator (00EMG-01.01)]	16	100%	08-29-14 A	08-29-14 A
ST09.00EMG-01.01cp	Commission [Emergency Diesel Generator (00EMG-01.01)]	40	100%	11-26-14 A	12-19-14 A
T/O Packs: AIR Air T/O Packs					
T/O Packs: AIR.00CAS-01.01 Air Compressors / Receivers					
ST09.00CAS-01.01to	TO System to Start Up [Air Compressors/Receivers(00CAS-01.01)]	8	100%	05-21-14 A	05-21-14 A
ST09.00CAS-01.01cs	Commission System [Air Compressors/Receivers(00CAS-01.01)]	32	100%	07-10-14 A	07-24-14 A
T/O Packs: AIR.00IA-01.01 IA-ID Fans					
ST09.00IA-01.01to	TO System to Start Up [IA-ID Fans(00IA-01.01)]	16	100%	08-08-14 A	08-08-14 A
ST09.00IA-01.01mc	Mechanical Equip Pre-Comm Checks [IA-ID Fans(00IA-01.01)]	8	100%	08-11-14 A	08-20-14 A
ST09.00IA-01.01in	Instrumentation Pre-Comm Checks [IA-ID Fans(00IA-01.01)]	8	100%	08-20-14 A	11-26-14 A
T/O Packs: AIR.00IA-01.02 IA - Fly Ash					
ST09.00IA-01.02to	TO System to Start Up [IA-Fly Ash(00IA-01.02)]	16	100%	06-30-14 A	06-30-14 A
ST09.00IA-01.02in	Instrumentation Pre-Comm Checks [IA-Fly Ash(00IA-01.02)]	32	100%	09-15-14 A	09-18-14 A
ST09.00IA-01.02mc	Mechanical Equip Pre-Comm Checks [IA-Fly Ash(00IA-01.02)]	112	100%	08-11-14 A	09-26-14 A
ST09.00IA-01.02el	Electrical Equip Pre-Comm Checks [IA-Fly Ash(00IA-01.02)]	32	100%	11-17-14 A	11-20-14 A
T/O Packs: AIR.00IA-01.05 IA- FF Unit 2					
ST09.00IA-01.05to	TO System to Start Up [IA-FFU2(00IA-01.05)]	16	100%	06-30-14 A	06-30-14 A
ST09.00IA-01.05mc	Mechanical Equip Pre-Comm Checks [IA-FFU2(00IA-01.05)]	80	100%	08-11-14 A	08-15-14 A
ST09.00IA-01.05in	Instrumentation Pre-Comm Checks [IA-FFU2(00IA-01.05)]	8	100%	09-15-14 A	09-15-14 A
ST09.00IA-01.05el	Electrical Equip Pre-Comm Checks [IA-FFU2(00IA-01.05)]	80	100%	10-06-14 A	10-13-14 A
T/O Packs: AIR.00IA-01.03 IA - FF Unit 1					
ST09.00IA-01.03to	TO System to Start Up [IA-FF(00IA-01.03)]	16	100%	06-24-14 A	06-24-14 A
ST09.00IA-01.03mc	Mechanical Equip Pre-Comm Checks [IA-FF(00IA-01.03)]	152	100%	08-11-14 A	09-26-14 A
ST09.00IA-01.03in	Instrumentation Pre-Comm Checks [IA-FF(00IA-01.03)]	128	100%	09-19-14 A	11-26-14 A
T/O Packs: AIR.00IA-01.04 IA - Lime / PAC					
ST09.00IA-01.04to	TO System to Start Up [IA-Lime/PAC(00IA-01.04)]	16	100%	07-16-14 A	07-17-14 A
ST09.00IA-01.04in	Instrumentation Pre-Comm Checks [IA-Lime/PAC(00IA-01.04)]	40	100%	07-28-14 A	08-01-14 A
ST09.00IA-01.04mc	Mechanical Equip Pre-Comm Checks [IA-Lime/PAC(00IA-01.04)]	40	100%	07-28-14 A	08-01-14 A
ST09.00IA-01.04el	Electrical Equip Pre-Comm Checks [IA-Lime/PAC(00IA-01.04)]	40	100%	07-28-14 A	08-01-14 A
T/O Packs: AIR.00SA-01.02 Service Air - Limestone / Flyash					

DD: 03-22-15

KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
ST09.00SA-01.02to	TO System to Start Up [Service Air - Limestone/Fly Ash(00SA-01.02)]	16	100%	08-11-14 A	08-11-14 A
ST09.00SA-01.02cs	Commission System [Service Air - Limestone/Fly Ash(00SA-01.02)]	16	100%	11-24-14 A	11-25-14 A
T/O Packs: AIR.00SA-01.01 Service Air - Service Water BOP					
ST09.00SA-01.01to	TO System to Start Up [Service Air - BOP (00SA-01.01)]	16	100%	08-28-14 A	08-28-14 A
ST09.00SA-01.01cs	Commission System [Service Air - BOP (00SA-01.01)]	8	100%	01-05-15 A	01-05-15 A
T/O Packs: WTR Water T/O Packs					
T/O Packs: WTR.00OWW-01.01 Oily Water Waste					
ST09.00OWW-01.01to	TO System to Start Up [Oily Water Waste (00OWW-01.01)]	8	100%	05-01-14 A	05-01-14 A
ST09.00OWW-01.01cs	Commission System [Oily Water Waste (00OWW-01.01)]	16	100%	06-20-14 A	06-27-14 A
T/O Packs: WTR.00EDS-01.01 Plant Drains - AQCS					
ST09.00EDS-01.01to	TO System to Start Up [Plant Drains-AQCS(00EDS-01.01)]	16	100%	04-29-14 A	04-29-14 A
ST09.00EDS-01.01cs	Commission System [Plant Drains-AQCS(00EDS-01.01)]	16	100%	07-10-14 A	11-26-14 A
T/O Packs: WTR.00EDS-02.01 Plant Drains - Lime Area					
ST09.00EDS-02.01to	TO System to Start Up [Plant Drains-Lime Area(00EDS-02.01)]	16	100%	10-02-14 A	10-02-14 A
ST09.00EDS-02.01cs	Commission System [Plant Drains-Lime Area(00EDS-02.01)]	16	100%	01-05-15 A	01-07-15 A
T/O Packs: WTR.00SWS-01.01 Service Water Storage					
ST09.00SWS-01.01to	TO System to Start Up [Service Water Storage(00SWS-01.01)]	16	100%	06-28-14 A	06-28-14 A
ST09.00SWS-01.01cs	Commission System [Service Water Storage(00SWS-01.01)]	16	100%	07-18-14 A	10-09-14 A
T/O Packs: WTR.00SWS-01.02 Service Water Forwarding					
ST09.00SWS-01.02to	TO System to Start Up [Service Water Forwarding(00SWS-01.02)]	8	100%	05-20-14 A	05-20-14 A
ST09.00SWS-01.02cs	Commission System [Service Water Forwarding(00SWS-01.02)]	16	100%	07-18-14 A	07-24-14 A
T/O Packs: WTR.00SWS-01.03 Service Water-Users					
ST09.00SWS-01.03to	TO System to Start Up [Service Water Users(00SWS-01.03)]	16	100%	08-28-14 A	08-28-14 A
ST09.00SWS-01.03cs	Commission System [Service Water Users(00SWS-01.03)]	16	100%	09-08-14 A	01-02-15 A
T/O Packs: WTR.00SWS-01-05 Service Water-Fly Ash					
ST09.00SWS-01.05to	TO System to Start Up [Service Water - Fly Ash (00SWS-01.05)]	8	100%	08-05-14 A	08-05-14 A
ST09.00SWS-01.05cs	Commission System [Service Water - Flay Ash (00SWS-01.05)]	16	100%	01-05-15 A	01-07-15 A
T/O Packs: WTR.00SWS-01.04 Service Water-ID Fan Area					
ST09.00SWS-01.04to	TO System to Start Up [Service Water - Flay Ash (00SWS-01.04)]	16	100%	08-07-14 A	08-07-14 A
ST09.00SWS-01.04cs	Commission System [Service Water-ID Fan Area (00SWS-01.04)]	16	100%	11-12-14 A	11-14-14 A
T/O Packs: WTR.00FPU-01.01 Fire Protection System - UG					
ST09.00FPU-01.01to	TO System to Start Up [Fire Protection System UG(00FPU-01.01)]	8	100%	10-30-14 A	10-30-14 A
ST09.00FPU-01.01cs	Commission System [Fire Protection System UG(00FPU-01.01)]	16	100%	10-20-14 A	01-09-15 A
T/O Packs: WTR.02EDS-02.01 Unit 2 Plant Drains- Lime Area					
ST09.02EDS-02.01to	TO System to Start Up [Unit 2 Plant Drains-Lime Area(02EDS-02.01)]	16	100%	08-11-14 A	08-11-14 A
ST09.02EDS-02.01cs	Commission System [Unit 2 Plant Drains-Lime Area(02EDS-02.01)]	16	100%	10-03-14 A	01-02-15 A
T/O Packs: WTR.02FD-01.01 Floor Drains - Unit 2					
ST09.02FD-01.01to	TO System to Start Up [Floor Drains - Unit 2(02FD-01.01)]	16	100%	08-12-14 A	08-12-14 A
ST09.02FD-01.01mc	Mechanical Equip Pre-Comm Checks [Floor Drains - Unit 2(02FD-01.01)]	8	100%	11-17-14 A	11-17-14 A
ST09.02FD-01.01el	Electrical Equip Pre-Comm Checks [Floor Drains - Unit 2(02FD-01.01)]	8	100%	11-21-14 A	11-24-14 A
T/O Packs: WTR.00FD-01.01 Floor Drains - Common					
ST09.00FD-01.01to	TO System to Start Up [Floor Drains Common(00FD-01.01)]	16	100%	08-19-14 A	08-19-14 A
ST09.00FD-01.01el	Electrical Equip Pre-Comm Checks [Floor Drains Common(00FD-01.01)]	8	100%	11-25-14 A	11-25-14 A
ST09.00FD-01.01mc	Mechanical Equip Pre-Comm Checks [Floor Drains Common(00FD-01.01)]	8	100%	11-26-14 A	11-26-14 A
T/O Packs: WTR.00RCW-01.01 Reclaim Water					
ST09.00RCW-01.01to	TO System to Start Up [Reclaim Water(00RCW-01.01)]	16	100%	07-30-14 A	07-30-14 A
ST09.00RCW-01.01cs	Commission System [Reclaim Water(00RCW-01.01)]	16	100%	10-03-14 A	12-12-14 A
T/O Packs: WTR.00PW-02.01 Potable Water/Unit 2 Fabric Filter					
ST09.00PW-02.01to	TO System to Start Up [Potable Water/Unit 2 Fabric Filter(00PW-02.01)]	16	100%	11-13-14 A	11-13-14 A
ST09.00PW-02.01cs	Commission System [Potable Water/Unit 2 Fabric Filter(00PW-02.01)]	16	100%	01-12-15 A	01-23-15 A
T/O Packs: WTR.00PW-01.01 Potable Water					
ST09.00PW-01.01cs	Commission System [Potable Water (00PW-01.01)]	16	100%	11-03-14 A	11-04-14 A
ST09.00PW-01.01to	TO System to Start Up [Potable Water (00PW-01.01)]	16	100%	11-13-14 A	11-13-14 A
T/O Packs: WTR.00FPA-01.01 Fire Protection System - AG					
ST09.00FPA-01.01to	TO System to Start Up [Fire Protection- AG(00FPA-01.01)]	8	100%	10-30-14 A	10-30-14 A
ST09.00FPA-01.01cs	Commission System [Fire Protection- AG(00FPA-01.01)]	8	100%	10-21-14 A	01-09-15 A
T/O Packs: ASH Fly Ash T/O					
T/O Packs: ASH.00ADC-01.01 Fly Ash Exhausters					
ST09.00ADC-01.01to	TO System to Start Up [Blowers/Exhaust(00ADC-01.01)]	16	100%	07-03-14 A	07-03-14 A
ST09.00ADC-01.01cs	Commission System [Blowers/Exhaust(00ADC-01.01)]	40	100%	09-22-14 A	12-12-14 A
T/O Packs: ASH.02ADC-01.02 Unit 2 Hoppers & Transport Piping					
ST09.02ADC-01.02to	TO System to Start Up [Unit 2 Hoppers & Transport Piping(02ADC-01.02)]	16	100%	07-03-14 A	07-03-14 A
ST09.02ADC-01.02cs	Commission System [Unit 2 Hoppers & Transport Piping(02ADC-01.02)]	40	100%	09-24-14 A	11-19-14 A
T/O Packs: ASH.00ADC-01.03 Waste Ash Silo					
ST09.00ADC-01.03to	TO System to Start Up [Waste Ash Silo (00ADC-01.03)]	16	100%	08-15-14 A	08-15-14 A
ST09.00ADC-01.03cs	Commission System [Waste Ash Silo (00ADC-01.03)]	40	100%	09-25-14 A	11-19-14 A
T/O Packs: ASH.00ADC-01.04 Unloading/Disposal					
ST09.00ADC-01.04to	TO System to Start Up [Unloading/Disposal(00ADC-01.04)]	16	100%	08-20-14 A	08-20-14 A
ST09.00ADC-01.04cs	Commission System [Unloading/Disposal(00ADC-01.04)]	40	100%	09-26-14 A	11-21-14 A
T/O Packs: ASH.02ADC-01.04 Unit 2 Unloading/ Disposal					
ST09.02ADC-01.04to	TO System to Start Up [Unloading/Disposal Unit 2 (02ADC-01.04)]	16	100%	08-26-14 A	08-26-14 A
ST09.02ADC-01.04cs10	Commission System [Unloading/Disposal Unit 2 (02ADC-01.04)]	40	100%	11-17-14 A	11-21-14 A
T/O Packs: FFS Fabric Filter T/O					
T/O Packs: FFS.02FFS-01.02 Unit 2 Cleaning Air Blowers					
ST09.02FFS-01.02to	TO System to Start Up [Unit 2 Seal Air Blowers(02FFS-01.02)]	16	100%	08-07-14 A	08-07-14 A
ST09.02FFS-01.02cs	Commission System [Unit 2 Seal Air Blowers(02FFS-01.02)]	80	100%	09-25-14 A	10-17-14 A
T/O Packs: FFS.02FFS-01.01 Unit 2 Fabric Filter					
ST09.02FFS-01.01to	TO System to Start Up [Unit 2 Fabric Filter (02FFS-01.01)]	16	100%	08-07-14 A	08-07-14 A
ST09.02FFS-01.01ch	Commission Hopper Heaters [Unit 2 Fabric Filter (02FFS-01.01)]	80	100%	10-13-14 A	10-17-14 A
T/O Packs: FAN ID Fan T/O Packs					
T/O Packs: FAN.02IDF-01.02 Fan 2A L/O/Hyd system					
ST09.02IDF-01.02to	TO System to Start Up [Fan 2A LO/Hyd System(02IDF-01.02)]	16	100%	07-15-14 A	07-16-14 A
ST09.02IDF-01.02cs	Commission System [Fan 2A LO/Hyd System(02IDF-01.02)]	80	100%	09-02-14 A	11-03-14 A

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KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
T/O Packs: FAN.02IDF-02.01 ID Fan 2B					
ST09.02IDF-02.01to	TO System to Start Up [ID Fan 2B(02IDF-02.01)]	16	100%	07-31-14 A	08-01-14 A
ST09.02IDF-02.01of	Operate Fan Pre-Outage [ID Fan 2B(02IDF-02.01)]	40	100%	10-15-14 A	11-03-14 A
T/O Packs: FAN.02IDF-01.01 ID Fan 2A					
ST09.02IDF-01.01to	TO System to Start Up [ID Fan 2A(02IDF-01.01)]	16	100%	07-31-14 A	08-01-14 A
ST09.02IDF-01.01of	Operate Fans Pre-Outage [ID Fan 2A(02IDF-01.01)]	40	100%	11-14-14 A	11-26-14 A
T/O Packs: FAN.02IDF-03.02 Fan 2C L/O/Hyd system					
ST09.02IDF-03.02to	TO System to Start Up [Fan 2C LO/Hyd System(02IDF-03.02)]	8	100%	08-05-14 A	08-05-14 A
ST09.02IDF-03.02cs	Commission System [Fan 2C LO/Hyd System(02IDF-03.02)]	80	100%	09-02-14 A	09-12-14 A
T/O Packs: FAN.02IDF-02.02 Fan 2B L/O/Hyd system					
ST09.02IDF-02.02to	TO System to Start Up [Fan 2B LO/Hyd System(02IDF-02.02)]	16	100%	07-16-14 A	07-17-14 A
ST09.02IDF-02.02cs	Commission System [Fan 2B LO/Hyd System(02IDF-02.02)]	80	100%	09-02-14 A	09-12-14 A
T/O Packs: FAN.02IDF-03.01 ID Fan 2C					
ST09.02IDF-03.01to	TO System to Start Up [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-03.01)]	16	100%	09-05-14 A	09-05-14 A
ST09.02IDF-03.01of	Operate Fan Pre-Outage [ID Fan 2C(02IDF-03.01)]	40	100%	10-14-14 A	10-19-14 A
T/O Packs: SCR SCR and Ductwork T/O Packs					
T/O Packs: SCR.02SCR-01.01 SCR 2A Bypass Duct and Dampers					
ST09.02SCR-01.01to	TO System to Start Up [SCR 2A Bypass Duct and Dampers (02SCR-01.01)]	16	100%	11-14-14 A	11-14-14 A
ST09.02SCR-01.01cs	Commission System [SCR 2A Bypass Duct and Dampers (02SCR-01.01)]	32	100%	12-08-14 A	01-02-15 A
ST09.02SCR-01.01cs10	Commission System [NEMS System(02SCR-01.01)]	48	100%	01-05-15 A	01-09-15 A
T/O Packs: SCR.02SCR-01.02 SCR 2A Reactor & Inlet Duct					
ST09.02SCR-01.02to	TO System to Start Up [SCR 2A Reactor & Inlet Duct(02SCR-01.02)]	8	100%	10-30-14 A	10-30-14 A
ST09.02SCR-01.02cs	Commission System [SCR 2A Reactor & Inlet Duct(02SCR-01.02)]	16	100%	01-12-15 A	02-06-15 A
T/O Packs: SCR.02SCR-02.01 SCR 2B Bypass Duct and Dampers					
ST09.02SCR-02.01to	TO System to Start Up [SCR 2B Bypass and Dampers (02SCR-02.01)]	16	100%	11-14-14 A	11-14-14 A
ST09.02SCR-02.01cs	Commission System [SCR 2B Bypass and Dampers (02SCR-02.01)]	32	100%	12-08-14 A	01-02-15 A
T/O Packs: SCR.02SCR-02.02 SCR 2B Reactor & Inlet Duct					
ST09.02SCR-02.02to	TO System to Start Up [SCR 2B Reactor & Inlet Duct(02SCR-02.02)]	8	100%	10-30-14 A	10-30-14 A
ST09.02SCR-02.02cs	Commission System [SCR 2B Reactor & Inlet Duct(02SCR-02.02)]	16	100%	12-08-14 A	01-02-15 A
T/O Packs: SCR.00AMS-01.01 Anhydrous Ammonia System					
ST09.00AMS-01.01to	TO System To Start Up [Unit 2 Anhydrous Ammonia Dilution Grid (00AMS-01.01)]	16	100%	10-29-14 A	10-30-14 A
ST09.00AMS-01.01cs	Commission System [Unit 2 Anhydrous Ammonia Dilution Grid (00AMS-01.01)]	8	100%	03-03-15 A	03-03-15 A
T/O Packs: SCR.02AMS-01.01 Unit 2 Anhydrous Ammonia Storage					
ST09.02AMS-01.01to	TO System to Start Up [Anhydrous Ammonia Storage(02AMS-01.01)]	16	100%	10-29-14 A	10-30-14 A
ST09.02AMS-01.01cs	Commission System [Anhydrous Ammonia Storage(02AMS-01.01)]	16	100%	03-03-15 A	03-04-15 A
T/O Packs: LIME Lime Prep T/O Packs					
T/O Packs: LIME.00LSP-01.01 Limestone Slurry Preparation					
ST09.00LSP-01.01to	TO System to Start Up [Limestone Slurry Preparation(00LSP-01.01)]	16	100%	07-08-14 A	07-08-14 A
ST09.00LSP-01.01cs	Commission System [Limestone Slurry Preparation(00LSP-01.01)]	40	100%	11-03-14 A	11-07-14 A
T/O Packs: LIME.00LRS-01.01 Limestone Receiving / Storage					
ST09.00LRS-01.01to	TO System to Start Up [Limestone Receiving/Storage(00LRS-01.01)]	16	100%	10-01-14 A	10-01-14 A
ST09.00LRS-01.01cs	Commission System [Limestone Receiving/Storage(00LRS-01.01)]	40	100%	11-03-14 A	11-07-14 A
T/O Packs: FGD FGD T/O Packs					
T/O Packs: FGD.02FGD-01.01 Unit 2 Fuel Gas Desulfurization					
ST09.02FGD-01.01to	TO System to Start Up [Unit 2 Fuel Gas Desulfurization(02FGD-01.01)]	16	100%	09-04-14 A	09-04-14 A
ST09.02FGD-01.01cs	Commission System [Unit 2 Fuel Gas Desulfurization(02FGD-01.01)]	40	100%	12-01-14 A	12-12-14 A
T/O Packs: FGD.02ARS-01.01 Unit 2 Absorber Recycle System					
ST09.02ARS-01.01pc	TO System to Start Up [Unit 2 Absorber Recycle System(02ARS-01.01)]	16	100%	08-04-14 A	08-04-14 A
ST09.02ARS-01.01cs	Commission System [Unit 2 Absorber Recycle System(02ARS-01.01)]	80	100%	11-24-14 A	12-12-14 A
T/O Packs: FGD.02MEW-01.01 Unit 2 Mist Eliminator WAS Water System					
ST09.02MEW-01.01to	TO System to Start Up [Unit 2 Mist Eliminator Wash Water System(02MEW-01.01)]	16	100%	07-30-14 A	07-30-14 A
ST09.02MEW-01.01cs	Commission System [Unit 2 Mist Eliminator Wash Water System(02MEW-01.01)]	40	100%	11-24-14 A	11-26-14 A
T/O Packs: FGD.02OAS-01.01 Unit 2 Oxidation Air System					
ST09.02OAS-01.01to	TO System to Start Up [Unit 2 Oxidation Air System(02OAS-01.01)]	16	100%	07-30-14 A	07-30-14 A
ST09.02OAS-01.01cs	Commission System [Unit 2 Oxidation Air System(02OAS-01.01)]	40	100%	09-25-14 A	11-26-14 A
T/O Packs: FGD.02ABL-01.01 Unit 2 Absorber Bleed System					
ST09.02ABL-01.01to	TO System to Start Up [Unit 2 Absorber Bleed System(02ABL-01.01)]	16	100%	08-15-14 A	08-15-14 A
ST09.02ABL-01.01cs	Commission System [Unit 2 Absorber Bleed System(02ABL-01.01)]	40	100%	11-24-14 A	11-26-14 A
T/O Packs: FGD.00OAS-01.01 Oxidation Air System					
ST09.00OAS-01.01to	TO System to Start Up [Oxidation Air System - 00OAS-01.01]	8	100%	07-30-14 A	07-30-14 A
ST09.00OAS-01.01cs	Commission System [Oxidation Air System - 00OAS-01.01]	40	100%	11-24-14 A	03-06-15 A
T/O Packs: GYP Gypsum T/O Packs					
T/O Packs: GYP.02GDS-01.01 Unit 2 Gypsum Dewatering System					
ST09.02GDS-01.01to	TO System to Start Up [Unit 2 Gypsum Dewatering System(02GDS-01.01)]	16	100%	08-07-14 A	08-07-14 A
ST09.02GDS-01.01cs	Commission System [Unit 2 Gypsum Dewatering System(02GDS-01.01)]	40	100%	12-08-14 A	12-12-14 A
T/O Packs: GYP.00GHS-01.01 Gypsum Handling					
ST09.00GHS-01.01to	TO System to Start Up [Gypsum Handling (Conveyor)(00GHS-01.01)]	8	100%	11-13-14 A	11-13-14 A
ST09.00GHS-01.01cs	Commission System [Gypsum Handling (Conveyor)(00GHS-01.01)]	40	100%	12-08-14 A	12-12-14 A
T/O Packs: GYP.00GDS-01.01 Gypsum Dewatering System					
ST09.00GDS-01.01to	TO System to Start Up [Gypsum Dewatering System(00GDS-01.01)]	8	100%	10-23-14 A	10-23-14 A
ST09.00GDS-01.01cs	Commission System [Gypsum Dewatering System(00GDS-01.01)]	40	100%	12-08-14 A	12-12-14 A
T/O Packs: OUT Outage T/O Packs					
T/O Packs: OUT.00WTS-01.01 Water Treatment Chem Feed					
ST09.00WTS-01.01to	TO System to Start Up [Water Treatment Chem Feed(00WTS-01.01)]	16	100%	07-17-14 A	07-17-14 A
ST09.00WTS-01.01cs	Commission System [Water Treatment Chem Feed(00WTS-01.01)]	16	100%	07-28-14 A	08-01-14 A
T/O Packs: OUT.02SRS-01.01 Unit 2 S03 Sorbent System					
ST09.02SRS-01.01to	TO System to Start Up [Unit 2 SO3 Sorbent System(02SRS-01.01)]	8	100%	12-18-14 A	12-18-14 A
ST09.02SRS-01.01cs	Commission System [Unit 2 SO3 Sorbent System(02SRS-01.01)]	16	100%	03-16-15 A	03-18-15 A
T/O Packs: OUT.02MRS-01.01 Unit 2 Mercury Removal System					
ST09.02MRS-01.01to	TO System to Start Up [Unit 2 Mercury Removal System(02MRS-01.01)]	16	100%	12-03-14 A	12-03-14 A
ST09.02MRS-01.01cs	Commission System [Unit 2 Mercury Removal System(02MRS-01.01)]	16	100%	03-09-15 A	03-18-15 A
T/O Packs: OUT.02IDF-01.03 Unit 2 Flue Gas Duct and Outage Tie-Ins					
ST09.02IDF-01.03to10	TO System to Start Up [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-01.03)]	16	100%	11-10-14 A	11-10-14 A

DD: 03-22-15

KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
ST09.02IDF-01.03in10	Instrumentation Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-01.03)]	80	100%	11-24-14 A	11-26-14 A
ST09.02IDF-01.03mc10	Mechanical Equip Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-01.03)]	24	100%	11-24-14 A	11-26-14 A
ST09.02IDF-01.03el10	Electrical Equip Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-01.03)]	24	100%	11-24-14 A	11-26-14 A
T/O Packs: OUT.02SRS-01.02	**Unit 2 Tie Ins/ Outage**				
ST09.02SRS-01.02to	TO System to Start Up [Unit 2 SO3 Sorbent System/Outage Tie-ins(02SRS-01.02)]	8	100%	12-18-14 A	12-18-14 A
ST09.02SRS-01.02cs	Commission System [Unit 2 SO3 Sorbent System/Outage Tie-ins(02SRS-01.02)]	16	100%	03-16-15 A	03-18-15 A
T/O Packs: OUT.02CEMS-01.01	**Unit 2 CEMS**				
ST09.02CEM-01.01to	TO System to Start Up [Unit 2 CEMS(02CEM-01.01)]	16	100%	12-03-14 A	12-03-14 A
ST09.02CEM-01.01ct	Certification Testing [Unit 2 CEMS(02CEM-01.01)]	56	100%	12-08-14 A	12-12-14 A
T/O Packs: OUT.02MRS-01.02	**Unit 2 Tie Ins / Outage (MRS)**				
ST09.02MRS-01.02to20	TO System to Start Up [Mercury Removal Unit 1 Outage Tie-ins(02MRS-01.02)]	16	100%	12-18-14 A	12-19-14 A
ST09.02MRS-01.02el10	Electrical Equip Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-ins(02MRS-01.02)]	8	100%	02-26-15 A	02-26-15 A
ST09.02MRS-01.02in10	Instrumentation Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-ins(02MRS-01.02)]	8	100%	01-19-15 A	03-06-15 A
ST09.02MRS-01.02mc10	Mechanical Equip Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-ins(02MRS-01.02)]	8	100%	01-26-15 A	03-06-15 A
T/O Packs: OUT.02CMY-01.01	**Unit 2 Chimney**				
ST09.02CMY-01.01to	TO System to Start Up [Unit 2 Chimney (02CMY-01.01)]	16	100%	06-25-14 A	06-25-14 A
ST09.02CMY-01.01in	Instrumentation Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.02CMY-01.01mc	Mechanical Equip Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.02CMY-01.01el	Electrical Equip Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A

DD: 03-22-15

Attachment C. Continuous Emission Monitoring Verification

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 2
RATA
Date:2/23/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	CO2 RM DRY % V/V	CO2 CEM DRY % V/V	CO2 Difference Like % V/V
Run Not Used	23-Feb	11:49:30	12:10:30	680	10.0	10.6	-0.6
Run 2	23-Feb	13:00:45	13:21:45	680	10.2	10.6	-0.4
Run 3	23-Feb	15:06:15	15:27:15	680	10.4	10.6	-0.2
Run 4	23-Feb	15:50:30	16:11:30	680	10.3	10.6	-0.3
Run 5	23-Feb	16:37:15	16:58:15	680	10.5	10.6	-0.1
Run 6	23-Feb	17:21:30	17:42:30	680	10.6	10.6	0.0
Run 7	26-Feb	11:58:30	12:19:30	680	10.6	10.6	0.0
Run 8	26-Feb	12:43:30	13:04:30	680	10.6	10.7	-0.1
Run 9	26-Feb	13:27:15	13:48:15	680	10.5	10.7	-0.2
Run 10	26-Feb	14:12:45	14:33:45	680	10.6	10.7	-0.1
Run 11	26-Feb	14:58:00	15:19:00	680	10.4	10.7	-0.3
		Average:		680	10.5 %	10.6 %	-0.2 %

Bias Test (pass/fail): Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Average RM Value

Standard Deviation:	0.1337
Confidence Coefficient:	0.0957
T-Factor:	2.262
Number of runs Reported:	10
Relative Accuracy:	**2.5**
Maximum RA	10.0
RA Status	**Passed**

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 2
RATA
Date:2/23/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	NOx RM DRY ppm	NOx CEM DRY ppm	Difference Like ppm
Run 1	23-Feb	11:49:30	12:10:30	680	42.2	44.1	-1.9
Run 2	23-Feb	13:00:45	13:21:45	680	42.5	43.9	-1.4
Run 3	23-Feb	15:06:15	15:27:15	680	44.0	45.0	-1.0
Run 4	23-Feb	15:50:30	16:11:30	680	41.1	43.4	-2.3
Run 5	23-Feb	16:37:15	16:58:15	680	41.1	42.8	-1.7
Run 6	23-Feb	17:21:30	17:42:30	680	39.4	41.4	-2.0
Run 7	26-Feb	11:58:30	12:19:30	680	45.4	47.0	-1.6
Run 8	26-Feb	12:43:30	13:04:30	680	44.7	46.9	-2.2
Run 9	26-Feb	13:27:15	13:48:15	680	45.0	47.6	-2.6
Run 10	26-Feb	14:12:45	14:33:45	680	43.7	45.7	-2.0
Run 11	26-Feb	14:58:00	15:19:00	680	46.7	48.9	-2.2
		Average:		680	43.3 ppm	45.2 ppm	-1.9 ppm

Bias Test (pass/fail): Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Standard Emitter

Standard Deviation:	0.4517
Confidence Coefficient:	0.3034
T-Factor:	2.228
Number of runs Reported:	11
Relative Accuracy:	**5.094**
Maximum RA	10.00
RA Status	**Passed**

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 2
RATA
Date:2/23/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	SO_2 RM DRY ppm	SO_2 CEM DRY ppm	Difference Like ppm
Run 1	23-Feb	11:49:30	12:10:30	680	-0.6	1.9	-2.5
Run 2	23-Feb	13:00:45	13:21:45	680	-0.4	1.4	-1.8
Run 3	23-Feb	15:06:15	15:27:15	680	0.5	3.8	-3.3
Run 4	23-Feb	15:50:30	16:11:30	680	-0.1	3.2	-3.3
Run 5	23-Feb	16:37:15	16:58:15	680	-0.1	2.9	-3.0
Run 6	23-Feb	17:21:30	17:42:30	680	1.4	2.7	-1.3
Run 7	26-Feb	11:58:30	12:19:30	680	2.1	4.8	-2.7
Run 8	26-Feb	12:43:30	13:04:30	680	2.9	4.9	-2.0
Run 9	26-Feb	13:27:15	13:48:15	680	2.9	4.8	-1.9
Run 10	26-Feb	14:12:45	14:33:45	680	1.6	4.7	-3.1
Run 11	26-Feb	14:58:00	15:19:00	680	1.4	4.4	-3.0
		Average:		680	1.1 ppm	3.6 ppm	-2.5 ppm

Bias Test (pass/fail): Low Emitter-Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Low Emitter

Standard Deviation:	0.6860
Confidence Coefficient:	0.4608
T-Factor:	2.228
Number of runs Reported:	11
Relative Accuracy:	**2.536**
Maximum RA	15.00
RA Status	**Passed**

Relative Accuracy Determination

Test Performed For:
KCP&L
LaCygne
Unit 2
RATA
Date:2/23/15

Test Performed By:
C.E.M. Solutions, Inc.
Source Test Team
8196 Nieman Road
Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	NO_X RM lbs/mmBtu	CEM lbs/mmBtu	Difference Like lbs/mmBtu
Run Not Used	23-Feb	11:49:30	12:10:30	680	0.093	0.091	0.002
Run 2	23-Feb	13:00:45	13:21:45	680	0.092	0.091	0.001
Run 3	23-Feb	15:06:15	15:27:15	680	0.093	0.093	0.000
Run 4	23-Feb	15:50:30	16:11:30	680	0.088	0.090	-0.002
Run 5	23-Feb	16:37:15	16:58:15	680	0.086	0.089	-0.003
Run 6	23-Feb	17:21:30	17:42:30	680	0.082	0.086	-0.004
Run 7	26-Feb	11:58:30	12:19:30	680	0.094	0.097	-0.003
Run 8	26-Feb	12:43:30	13:04:30	680	0.093	0.096	-0.003
Run 9	26-Feb	13:27:15	13:48:15	680	0.094	0.098	-0.004
Run 10	26-Feb	14:12:45	14:33:45	680	0.091	0.094	-0.003
Run 11	26-Feb	14:58:00	15:19:00	680	0.099	0.100	-0.001
		Average:		680	0.091	0.093	-0.002 lbs/mmBtu

Bias Test (pass/fail): Passed
Bias Adjustment Factor: 1.000
Method of RA Determination: Part 75, Standard Emitter

Standard Deviation:	0.0017
Confidence Coefficient:	0.0012
T-Factor:	2.262
Number of runs Reported:	10
Relative Accuracy:	**3.735**
Maximum RA	10.00
RA Status	**Passed**

Note:
All ppm values are corrected to lbs/mmBtu NO_X
using RM CO2 and CEM CO2 as diluents

BURNS McDONNELL

March 6, 2015

Rick L. Lausman, P.E.
Air Quality Control Engineer
B&V Energy
11401 Lamar Avenue
Overland Park, KS 66211

Subject: Emission Test Results for Kansas City Power & Light LaCygne Unit 2
Burns & McDonnell Project # 83342

Dear Mr. Lausman:

On February 19, 2015 Burns & McDonnell personnel performed emissions testing at the exhaust stack location of Kansas City Power & Light (KCP&L) LaCygne Unit 2. The parameters tested included total particulate matter (PM_{10}), sulfur dioxide (SO_2) and oxides of nitrogen (NO_X). The Unit was tested while operating at full load.

Scope of Work

Burns & McDonnell personnel performed emissions testing utilizing United States Environmental Protection Agency (USEPA) Methods 1, 2, 3A, 4, 5 (modified for MATS), 6C, 7E and 202 for the determination of sampling points, volumetric flow, oxygen and carbon dioxide, moisture content, filterable particulate matter, sulfur dioxide, oxides of nitrogen and condensable particulate matter, respectively.

Results

All test results reflect measurements conducted during the specified test period. The certified facility continuous emission monitoring system (CEMS) carbon dioxide (CO_2) values were used to calculate the particulate emissions. The results of the particulate emission tests are presented in Table 1.

Table 1 Particulate Matter Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015					
Run I.D.	Start Time	End Time	Filterable Particulate Matter (lb/mmBtu)	Condensable Particulate Matter (lb/mmBtu)	Total Particulate Matter (lb/mmBtu)
1	11:01	13:19	0.00082	0.00437	0.00519
2	14:05	16:17	0.00544	0.00309	0.00853
3	17:00	19:12	0.00163	0.00243	0.00406

The results of the sulfur dioxide (SO_2) emission tests are presented in Table 2.

Table 2 SO_2 Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015						
Run I.D.	Start Time	End Time	SO_2 (ppmvw)	SO_2 (ppmvd)	SO_2 (lb/hr)	SO_2 (lb/mmBtu)
1	15:21	16:20	0.74	0.86	14.40	0.00170
2	17:19	18:18	0.94	1.09	17.79	0.00213
3	18:19	19:08	0.80	0.93	15.14	0.00181

The results of the oxides of nitrogen (NO_X) emission tests are presented in Table 3.

Table 3 NO_X Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015						
Run I.D.	Start Time	End Time	NO_X (ppmvw)	NO_X (ppmvd)	NO_X (lb/hr)	NO_X (lb/mmBtu)
1	15:21	16:20	103.61	120.20	1444.74	0.17013
2	17:19	18:18	114.34	132.97	1561.04	0.18706
3	18:19	19:08	114.75	133.45	1565.96	0.18705

Copies of the field data sheets, electronic data reduction spreadsheets, analytical reports, example calculations, equipment calibration records, CEMS data and the facility CEMS/load data are included as attachments.

We appreciate the opportunity to provide our source testing services, and look forward to working with you in the future on other projects. Should you have any questions, please do not hesitate to contact me at 314-578-0668, or contact me by email at napichee@burnsmcd.com.

Sincerely,

Burns & McDonnell

Nicholas A. Pichee, QSTI
Environmental Specialist

Franklin M. Stevens, QSTI
Section Manager

Attachment 1 - Field Datasheets
Attachment 2 - Electronic Data Reduction Spreadsheets
Attachment 3 - Analytical Reports
Attachment 4 - Example Calculations
Attachment 5 - Equipment Calibration Records
Attachment 6 - CEMS Data
Attachment 7 - Facility CEMS/Load Data

Determination of Total PM to Filterable PM Correlation Factor
Particulate Matter Emissions Summary
KCP&L LaCygne -Unit 2
February 19,2015

Run I.D.	Start Time	End Time	Filterable Particulate Matter (lb/mmBtu)	Condensable Particulate Matter (lb/mmBtu)	Total Particulate Matter (lb/mmBtu)
1	11:01	13:19	0.00082	0.00437	0.00519
2	14:05	16:17	0.00544	0.00309	0.00853
3	17:00	19:12	0.00163	0.00243	0.00406
		3 Test Total	0.00789	0.00989	0.01778

			Correlation Factor
Determine CF from combined totals	0.01778 / 0.00789	=	2.25

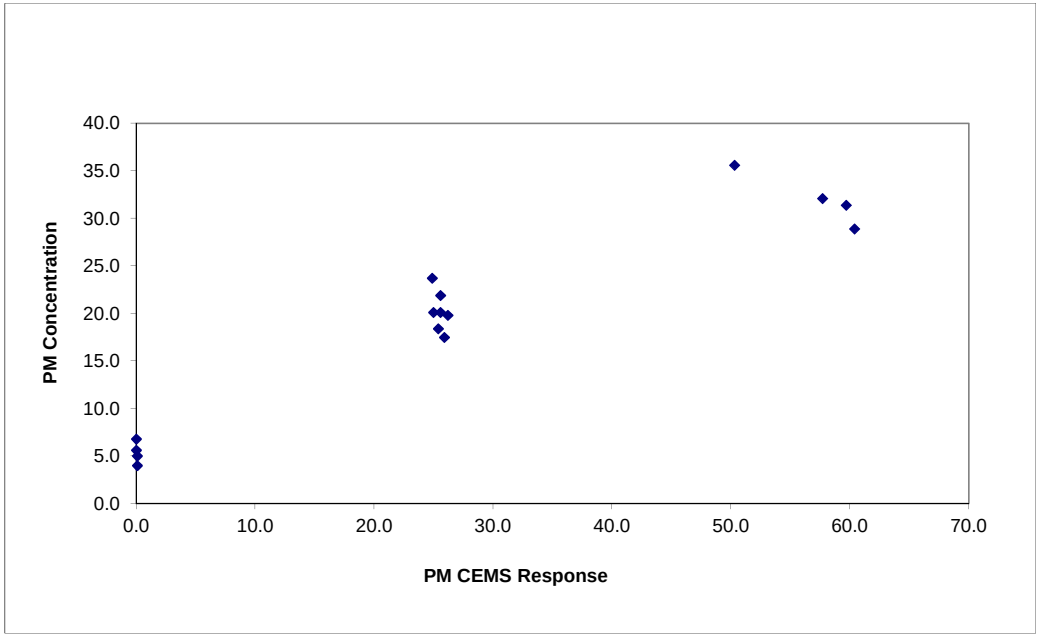
CORRELATION TEST PM CEMS AND REFERENCE METHOD TEST DATA

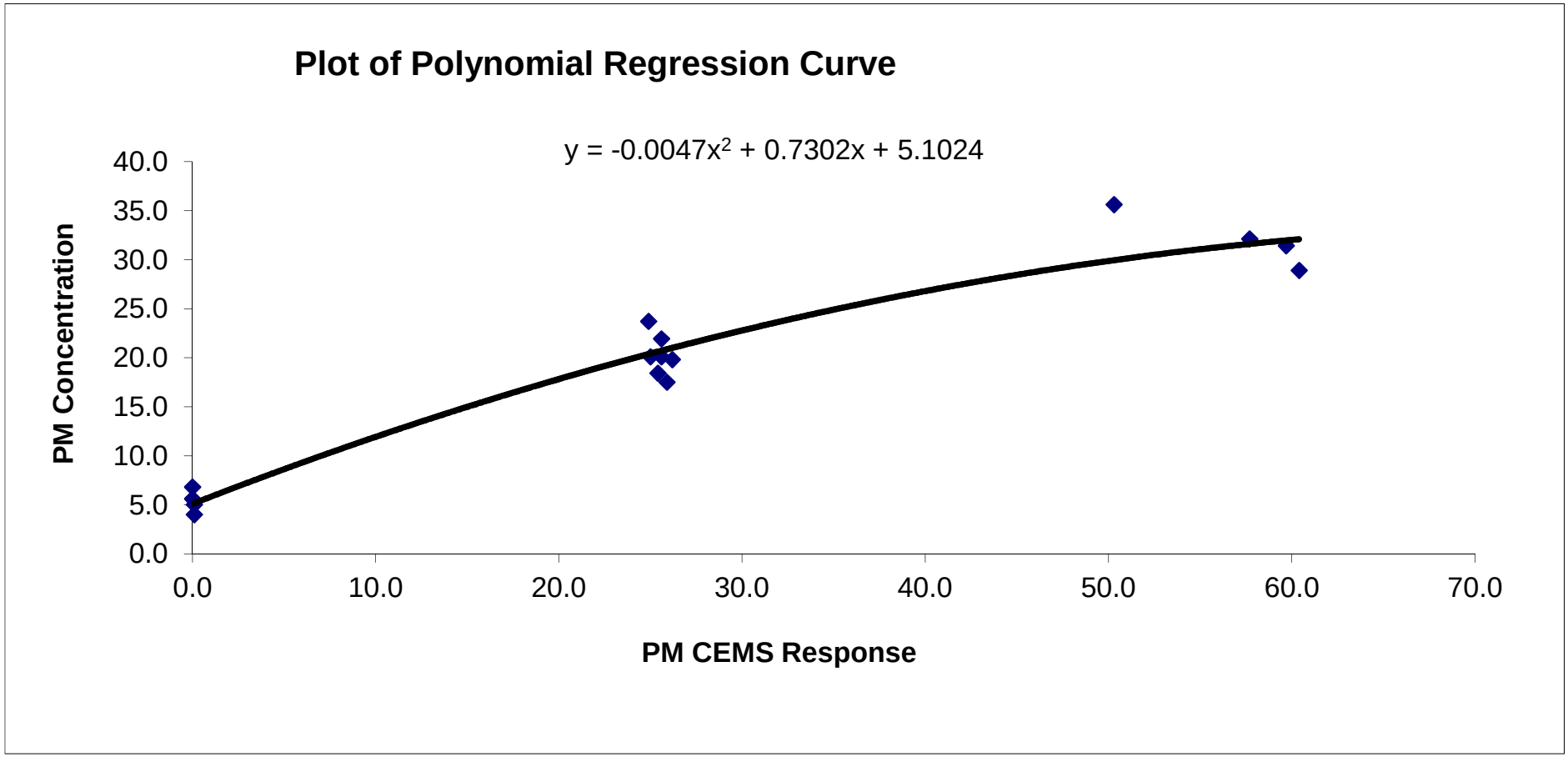
Run	PM CEMS response x	concentration mg/acm y
1		
2		
3		
4	57.7	32.1
5	60.4	28.9
6	50.3	35.6
7	59.7	31.4
8	25.4	18.4
9	25.9	17.5
10	25.0	20.1
11	25.6	21.9
12	24.9	23.7
13	26.2	19.8
14	25.6	20.1
15		
16	0.0	5.6
17		
18	0.0	6.8
19	0.1	4.0
20	0.1	5.0

Facility: La Cygne Unit 2
Location: La Cygne, KS
Emission Unit: Unit 2
Test Dates: March 18-20, 2015

	Value	Units
Emission limit:	25	mg/acm

PS-11 Correlation Test
Calculation Spreadsheet
Version 2-6 10/25/04




Plot of Polynomial Regression Curve
y = -0.0047x2 + 0.7302x + 5.1024
PM Concentration
PM CEMS Response
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 11:01	655.7
02/19/2015 11:02	655.7
02/19/2015 11:03	655.5
02/19/2015 11:04	655.2
02/19/2015 11:05	654.8
02/19/2015 11:06	654.7
02/19/2015 11:07	654.7
02/19/2015 11:08	654.6
02/19/2015 11:09	654.3
02/19/2015 11:10	654.1
02/19/2015 11:11	653.8
02/19/2015 11:12	654.2
02/19/2015 11:13	654.5
02/19/2015 11:14	655.1
02/19/2015 11:15	655.5
02/19/2015 11:16	655.4
02/19/2015 11:17	655.1
02/19/2015 11:18	655.1
02/19/2015 11:19	655.6
02/19/2015 11:20	654.6
02/19/2015 11:21	654.7
02/19/2015 11:22	654.0
02/19/2015 11:23	654.5
02/19/2015 11:24	654.3
02/19/2015 11:25	654.8
02/19/2015 11:26	654.7
02/19/2015 11:27	655.1
02/19/2015 11:28	654.7
02/19/2015 11:29	654.5
02/19/2015 11:30	654.7
02/19/2015 11:31	654.6
02/19/2015 11:32	656.2
02/19/2015 11:33	656.4
02/19/2015 11:34	656.0

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 11:35	657.0
02/19/2015 11:36	656.6
02/19/2015 11:37	656.1
02/19/2015 11:38	655.2
02/19/2015 11:39	654.6
02/19/2015 11:40	655.0
02/19/2015 11:41	654.9
02/19/2015 11:42	655.1
02/19/2015 11:43	654.6
02/19/2015 11:44	654.2
02/19/2015 11:45	654.5
02/19/2015 11:46	654.3
02/19/2015 11:47	653.9
02/19/2015 11:48	653.6
02/19/2015 11:49	653.5
02/19/2015 11:50	653.6
02/19/2015 11:51	654.0
02/19/2015 11:52	654.4
02/19/2015 11:53	654.6
02/19/2015 11:54	655.2
02/19/2015 11:55	655.0
02/19/2015 11:56	655.2
02/19/2015 11:57	654.8
02/19/2015 11:58	654.6
02/19/2015 11:59	654.4
02/19/2015 12:00	654.1
02/19/2015 12:01	654.5
02/19/2015 12:02	654.6
02/19/2015 12:03	655.6
02/19/2015 12:04	655.9
02/19/2015 12:05	655.9
02/19/2015 12:06	655.9
02/19/2015 12:07	655.7
02/19/2015 12:08	654.5

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION
Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 12:09	655.1
02/19/2015 12:10	655.2
02/19/2015 12:11	655.1
02/19/2015 12:12	655.3
02/19/2015 12:13	654.8
02/19/2015 12:14	655.4
02/19/2015 12:15	655.0
02/19/2015 12:16	654.9
02/19/2015 12:17	655.0
02/19/2015 12:18	655.2
02/19/2015 12:19	655.4
02/19/2015 12:20	655.8
02/19/2015 12:21	656.0
02/19/2015 12:22	655.3
02/19/2015 12:23	655.4
02/19/2015 12:24	654.8
02/19/2015 12:25	654.8
02/19/2015 12:26	655.0
02/19/2015 12:27	654.8
02/19/2015 12:28	654.8
02/19/2015 12:29	654.6
02/19/2015 12:30	654.5
02/19/2015 12:31	654.6
02/19/2015 12:32	654.5
02/19/2015 12:33	654.3
02/19/2015 12:34	653.9
02/19/2015 12:35	653.3
02/19/2015 12:36	653.9
02/19/2015 12:37	654.6
02/19/2015 12:38	655.1
02/19/2015 12:39	655.9
02/19/2015 12:40	656.2
02/19/2015 12:41	656.3
02/19/2015 12:42	655.7

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION
Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 12:43	655.5
02/19/2015 12:44	655.3
02/19/2015 12:45	654.9
02/19/2015 12:46	654.6
02/19/2015 12:47	654.5
02/19/2015 12:48	654.5
02/19/2015 12:49	654.5
02/19/2015 12:50	654.2
02/19/2015 12:51	654.3
02/19/2015 12:52	654.1
02/19/2015 12:53	654.8
02/19/2015 12:54	655.8
02/19/2015 12:55	655.8
02/19/2015 12:56	655.7
02/19/2015 12:57	655.3
02/19/2015 12:58	655.2
02/19/2015 12:59	655.1
02/19/2015 13:00	655.5
02/19/2015 13:01	656.3
02/19/2015 13:02	655.3
02/19/2015 13:03	655.0
02/19/2015 13:04	654.6
02/19/2015 13:05	654.3
02/19/2015 13:06	653.9
02/19/2015 13:07	653.4
02/19/2015 13:08	653.6
02/19/2015 13:09	653.7
02/19/2015 13:10	653.8
02/19/2015 13:11	654.0
02/19/2015 13:12	654.0
02/19/2015 13:13	654.0
02/19/2015 13:14	654.7
02/19/2015 13:15	655.2
02/19/2015 13:16	655.5

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 13:17	655.6
02/19/2015 13:18	655.8
02/19/2015 13:19	655.9
02/19/2015 13:20	655.9
02/19/2015 13:21	655.9
02/19/2015 13:22	655.7
02/19/2015 13:23	655.7
02/19/2015 13:24	655.5
02/19/2015 13:25	654.9
02/19/2015 13:26	654.5
02/19/2015 13:27	654.7
02/19/2015 13:28	655.5
02/19/2015 13:29	655.5
02/19/2015 13:30	655.4
02/19/2015 13:31	654.9
02/19/2015 13:32	654.5
02/19/2015 13:33	655.4
02/19/2015 13:34	655.0
02/19/2015 13:35	655.3
02/19/2015 13:36	654.8
02/19/2015 13:37	654.4
02/19/2015 13:38	654.3
02/19/2015 13:39	654.8
02/19/2015 13:40	655.1
02/19/2015 13:41	655.2
02/19/2015 13:42	655.3
02/19/2015 13:43	656.1
02/19/2015 13:44	656.1
02/19/2015 13:45	655.8
02/19/2015 13:46	655.9
02/19/2015 13:47	656.1
02/19/2015 13:48	655.7
02/19/2015 13:49	655.7
02/19/2015 13:50	655.1

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION
Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 13:51	654.7
02/19/2015 13:52	655.8
02/19/2015 13:53	655.8
02/19/2015 13:54	655.3
02/19/2015 13:55	654.2
02/19/2015 13:56	653.4
02/19/2015 13:57	652.2
02/19/2015 13:58	651.1
02/19/2015 13:59	652.0
02/19/2015 14:00	653.5
02/19/2015 14:01	655.4
02/19/2015 14:02	657.9
02/19/2015 14:03	656.7
02/19/2015 14:04	655.2
02/19/2015 14:05	654.5
02/19/2015 14:06	653.2
02/19/2015 14:07	653.2
02/19/2015 14:08	653.0
02/19/2015 14:09	653.6
02/19/2015 14:10	654.5
02/19/2015 14:11	655.5
02/19/2015 14:12	655.7
02/19/2015 14:13	656.4
02/19/2015 14:14	655.8
02/19/2015 14:15	655.1
02/19/2015 14:16	654.9
02/19/2015 14:17	655.0
02/19/2015 14:18	654.8
02/19/2015 14:19	654.9
02/19/2015 14:20	655.7
02/19/2015 14:21	656.5
02/19/2015 14:22	657.0
02/19/2015 14:23	657.3
02/19/2015 14:24	657.3

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 14:25	656.8
02/19/2015 14:26	656.0
02/19/2015 14:27	654.8
02/19/2015 14:28	654.5
02/19/2015 14:29	654.4
02/19/2015 14:30	653.5
02/19/2015 14:31	653.3
02/19/2015 14:32	654.3
02/19/2015 14:33	654.2
02/19/2015 14:34	654.9
02/19/2015 14:35	654.6
02/19/2015 14:36	653.9
02/19/2015 14:37	654.1
02/19/2015 14:38	654.8
02/19/2015 14:39	655.2
02/19/2015 14:40	655.4
02/19/2015 14:41	655.5
02/19/2015 14:42	655.3
02/19/2015 14:43	655.3
02/19/2015 14:44	655.5
02/19/2015 14:45	655.7
02/19/2015 14:46	655.1
02/19/2015 14:47	655.4
02/19/2015 14:48	655.0
02/19/2015 14:49	655.7
02/19/2015 14:50	656.1
02/19/2015 14:51	655.4
02/19/2015 14:52	655.0
02/19/2015 14:53	654.7
02/19/2015 14:54	654.5
02/19/2015 14:55	654.7
02/19/2015 14:56	654.6
02/19/2015 14:57	654.5
02/19/2015 14:58	654.3

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 14:59	654.4
02/19/2015 15:00	654.4
02/19/2015 15:01	654.4
02/19/2015 15:02	654.4
02/19/2015 15:03	654.3
02/19/2015 15:04	654.3
02/19/2015 15:05	654.7
02/19/2015 15:06	654.9
02/19/2015 15:07	654.4
02/19/2015 15:08	654.7
02/19/2015 15:09	654.5
02/19/2015 15:10	655.0
02/19/2015 15:11	654.9
02/19/2015 15:12	654.8
02/19/2015 15:13	655.0
02/19/2015 15:14	655.3
02/19/2015 15:15	655.4
02/19/2015 15:16	655.9
02/19/2015 15:17	655.3
02/19/2015 15:18	654.3
02/19/2015 15:19	654.2
02/19/2015 15:20	655.0
02/19/2015 15:21	655.6
02/19/2015 15:22	656.5
02/19/2015 15:23	656.3
02/19/2015 15:24	656.5
02/19/2015 15:25	656.5
02/19/2015 15:26	655.8
02/19/2015 15:27	655.1
02/19/2015 15:28	654.6
02/19/2015 15:29	653.4
02/19/2015 15:30	654.2
02/19/2015 15:31	654.9
02/19/2015 15:32	655.3

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 15:33	655.7
02/19/2015 15:34	655.2
02/19/2015 15:35	655.2
02/19/2015 15:36	655.1
02/19/2015 15:37	654.8
02/19/2015 15:38	654.2
02/19/2015 15:39	654.1
02/19/2015 15:40	654.2
02/19/2015 15:41	653.9
02/19/2015 15:42	654.3
02/19/2015 15:43	654.4
02/19/2015 15:44	655.0
02/19/2015 15:45	654.9
02/19/2015 15:46	654.6
02/19/2015 15:47	654.6
02/19/2015 15:48	654.9
02/19/2015 15:49	654.9
02/19/2015 15:50	655.1
02/19/2015 15:51	655.1
02/19/2015 15:52	655.1
02/19/2015 15:53	654.8
02/19/2015 15:54	654.4
02/19/2015 15:55	654.4
02/19/2015 15:56	655.0
02/19/2015 15:57	655.5
02/19/2015 15:58	655.8
02/19/2015 15:59	655.4
02/19/2015 16:00	654.7
02/19/2015 16:01	655.8
02/19/2015 16:02	655.7
02/19/2015 16:03	655.5
02/19/2015 16:04	654.9
02/19/2015 16:05	654.7
02/19/2015 16:06	654.6

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 16:07	654.3
02/19/2015 16:08	653.9
02/19/2015 16:09	654.2
02/19/2015 16:10	654.8
02/19/2015 16:11	654.5
02/19/2015 16:12	654.6
02/19/2015 16:13	654.5
02/19/2015 16:14	654.7
02/19/2015 16:15	654.9
02/19/2015 16:16	655.3
02/19/2015 16:17	655.1
02/19/2015 16:18	655.3
02/19/2015 16:19	655.4
02/19/2015 16:20	655.7
02/19/2015 16:21	655.6
02/19/2015 16:22	654.9
02/19/2015 16:23	654.8
02/19/2015 16:24	655.2
02/19/2015 16:25	655.3
02/19/2015 16:26	655.3
02/19/2015 16:27	655.0
02/19/2015 16:28	654.8
02/19/2015 16:29	654.7
02/19/2015 16:30	655.4
02/19/2015 16:31	655.1
02/19/2015 16:32	655.4
02/19/2015 16:33	655.5
02/19/2015 16:34	655.6
02/19/2015 16:35	655.5
02/19/2015 16:36	655.9
02/19/2015 16:37	656.0
02/19/2015 16:38	655.7
02/19/2015 16:39	654.7
02/19/2015 16:40	653.5

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 16:41	653.5
02/19/2015 16:42	653.8
02/19/2015 16:43	655.8
02/19/2015 16:44	656.6
02/19/2015 16:45	656.9
02/19/2015 16:46	656.7
02/19/2015 16:47	656.3
02/19/2015 16:48	655.2
02/19/2015 16:49	654.9
02/19/2015 16:50	654.6
02/19/2015 16:51	654.8
02/19/2015 16:52	654.6
02/19/2015 16:53	655.2
02/19/2015 16:54	655.3
02/19/2015 16:55	655.8
02/19/2015 16:56	655.1
02/19/2015 16:57	653.6
02/19/2015 16:58	652.6
02/19/2015 16:59	652.0
02/19/2015 17:00	650.4
02/19/2015 17:01	651.3
02/19/2015 17:02	653.9
02/19/2015 17:03	654.5
02/19/2015 17:04	655.3
02/19/2015 17:05	655.9
02/19/2015 17:06	656.6
02/19/2015 17:07	656.3
02/19/2015 17:08	656.5
02/19/2015 17:09	655.6
02/19/2015 17:10	655.6
02/19/2015 17:11	655.6
02/19/2015 17:12	656.2
02/19/2015 17:13	656.8
02/19/2015 17:14	656.5

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION
Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 17:15	655.8
02/19/2015 17:16	655.0
02/19/2015 17:17	654.1
02/19/2015 17:18	655.0
02/19/2015 17:19	654.9
02/19/2015 17:20	655.3
02/19/2015 17:21	655.6
02/19/2015 17:22	655.9
02/19/2015 17:23	655.5
02/19/2015 17:24	655.3
02/19/2015 17:25	653.8
02/19/2015 17:26	652.4
02/19/2015 17:27	652.7
02/19/2015 17:28	652.7
02/19/2015 17:29	653.7
02/19/2015 17:30	654.3
02/19/2015 17:31	654.9
02/19/2015 17:32	654.7
02/19/2015 17:33	655.1
02/19/2015 17:34	655.9
02/19/2015 17:35	656.7
02/19/2015 17:36	657.3
02/19/2015 17:37	657.0
02/19/2015 17:38	656.8
02/19/2015 17:39	655.9
02/19/2015 17:40	655.3
02/19/2015 17:41	654.8
02/19/2015 17:42	655.1
02/19/2015 17:43	654.5
02/19/2015 17:44	654.9
02/19/2015 17:45	654.8
02/19/2015 17:46	653.9
02/19/2015 17:47	653.9
02/19/2015 17:48	653.6

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 17:49	653.7
02/19/2015 17:50	653.9
02/19/2015 17:51	653.9
02/19/2015 17:52	654.7
02/19/2015 17:53	655.8
02/19/2015 17:54	655.2
02/19/2015 17:55	654.8
02/19/2015 17:56	654.7
02/19/2015 17:57	654.9
02/19/2015 17:58	655.0
02/19/2015 17:59	655.4
02/19/2015 18:00	654.9
02/19/2015 18:01	654.7
02/19/2015 18:02	655.0
02/19/2015 18:03	655.0
02/19/2015 18:04	655.2
02/19/2015 18:05	655.1
02/19/2015 18:06	654.6
02/19/2015 18:07	654.6
02/19/2015 18:08	655.0
02/19/2015 18:09	654.6
02/19/2015 18:10	655.2
02/19/2015 18:11	654.8
02/19/2015 18:12	654.8
02/19/2015 18:13	653.9
02/19/2015 18:14	653.9
02/19/2015 18:15	654.8
02/19/2015 18:16	654.8
02/19/2015 18:17	655.5
02/19/2015 18:18	655.5
02/19/2015 18:19	655.7
02/19/2015 18:20	655.1
02/19/2015 18:21	655.0
02/19/2015 18:22	655.0

CEMS Minute Data

Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION

Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 18:23	655.3
02/19/2015 18:24	655.4
02/19/2015 18:25	655.7
02/19/2015 18:26	655.8
02/19/2015 18:27	655.8
02/19/2015 18:28	655.5
02/19/2015 18:29	655.1
02/19/2015 18:30	654.3
02/19/2015 18:31	654.1
02/19/2015 18:32	654.4
02/19/2015 18:33	654.7
02/19/2015 18:34	654.7
02/19/2015 18:35	655.3
02/19/2015 18:36	655.0
02/19/2015 18:37	655.4
02/19/2015 18:38	654.9
02/19/2015 18:39	655.0
02/19/2015 18:40	655.3
02/19/2015 18:41	655.3
02/19/2015 18:42	655.1
02/19/2015 18:43	654.0
02/19/2015 18:44	654.1
02/19/2015 18:45	654.2
02/19/2015 18:46	653.9
02/19/2015 18:47	654.3
02/19/2015 18:48	654.1
02/19/2015 18:49	654.9
02/19/2015 18:50	655.0
02/19/2015 18:51	655.6
02/19/2015 18:52	656.0
02/19/2015 18:53	655.3
02/19/2015 18:54	655.0
02/19/2015 18:55	655.4
02/19/2015 18:56	656.2

CEMS Minute Data
Unit 2

From: 02/19/2015 11:01 **To:** 02/19/2015 19:00 **Facility Name:** LA CYGNE STATION
Generated: 02/23/2015 17:27 **Location:** 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 18:57	657.4
02/19/2015 18:58	657.5
02/19/2015 18:59	656.4
02/19/2015 19:00	655.8

Average	655.0 MW
Minimum	650.4 MW

Attachment D. 4-Hour NO_x Test Results

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	**NOx - 4 hr**
		Emission Limit, lb/MMBtu	**0.055**
		Min. Load, MW	**665**
		Target Minutes	**240**

4- Hr NOx Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx LbPerMBtu	Total Test Time Minutes
3/8/2015 09:20	700	Invalid Data	0.00
3/8/2015 09:30	700	Invalid Data	0.00
3/8/2015 09:40	700	0.047	10.00
3/8/2015 09:50	700	0.045	20.00
3/8/2015 10:00	700	0.045	30.00
3/8/2015 10:10	700	0.046	40.00
3/8/2015 10:20	700	0.046	50.00
3/8/2015 10:30	700	0.049	60.00
3/8/2015 10:40	700	0.048	70.00
3/8/2015 10:50	700	0.047	80.00
3/8/2015 11:00	700	0.047	90.00
3/8/2015 11:10	700	0.047	100.00
3/8/2015 11:20	700	0.049	110.00
3/8/2015 11:30	701	0.046	120.00
3/8/2015 11:40	699	0.053	130.00
3/8/2015 11:50	700	0.048	140.00
3/8/2015 12:00	700	0.047	150.00
3/8/2015 12:10	700	0.049	160.00
3/8/2015 12:20	700	0.048	170.00
3/8/2015 12:30	700	0.046	180.00
3/8/2015 12:40	700	0.052	190.00
3/8/2015 12:50	700	0.047	200.00
3/8/2015 13:00	700	0.048	210.00
3/8/2015 13:10	700	0.046	220.00
3/8/2015 13:20	700	0.048	230.00
3/8/2015 13:30	700	0.046	240.00
3/8/2015 13:40	700	0.051	250.00
3/8/2015 13:50	700	0.047	260.00

	Load MWe	NOx - 4 hr Lb/MBtu
Average Values	700	0.047
Maximum Values	701	0.053
Minimum Value	699	0.045
Minimum Target	665	
Maximum Target		0.055

Attachment E. 72-Hour NO_x Test Results

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 14:20	700	0.139	0
3/8/2015 14:30	700	0.098	0
3/8/2015 14:40	700	0.069	0
3/8/2015 14:50	700	0.062	0
3/8/2015 15:00	700	0.054	10
3/8/2015 15:10	700	0.052	20
3/8/2015 15:20	700	0.048	30
3/8/2015 15:30	700	0.048	40
3/8/2015 15:40	700	0.036	50
3/8/2015 15:50	701	0.050	60
3/8/2015 16:00	700	0.045	70
3/8/2015 16:10	700	0.048	80
3/8/2015 16:20	700	0.047	90
3/8/2015 16:30	700	0.047	100
3/8/2015 16:40	700	0.047	110
3/8/2015 16:50	700	0.046	120
3/8/2015 17:00	699	0.046	130
3/8/2015 17:10	700	0.047	140
3/8/2015 17:20	700	0.044	150
3/8/2015 17:30	699	0.046	160
3/8/2015 17:40	700	0.046	170
3/8/2015 17:50	700	0.047	180
3/8/2015 18:00	700	0.049	190
3/8/2015 18:10	700	0.049	200
3/8/2015 18:20	697	0.046	210
3/8/2015 18:30	697	0.048	220
3/8/2015 18:40	694	0.043	230
3/8/2015 18:50	689	0.046	240
3/8/2015 19:00	690	0.046	250
3/8/2015 19:10	692	0.048	260
3/8/2015 19:20	679	0.042	270
3/8/2015 19:30	667	0.042	280
3/8/2015 19:40	680	0.055	290
3/8/2015 19:50	697	0.052	300
3/8/2015 20:00	694	0.052	310
3/8/2015 20:10	692	0.049	320
3/8/2015 20:20	693	0.049	330
3/8/2015 20:30	692	0.048	340
3/8/2015 20:40	690	0.046	350
3/8/2015 20:50	689	0.048	360
3/8/2015 21:00	677	0.043	370
3/8/2015 21:10	684	0.047	380
3/8/2015 21:20	693	0.052	390

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 21:30	692	0.047	400
3/8/2015 21:40	691	0.047	410
3/8/2015 21:50	689	0.046	420
3/8/2015 22:00	692	0.047	430
3/8/2015 22:10	690	0.047	440
3/8/2015 22:20	690	0.045	450
3/8/2015 22:30	692	0.047	460
3/8/2015 22:40	690	0.047	470
3/8/2015 22:50	681	0.044	480
3/8/2015 23:00	664	0.042	490
3/8/2015 23:10	654	0.043	500
3/8/2015 23:20	637	0.040	510
3/8/2015 23:30	624	0.043	520
3/8/2015 23:40	626	0.050	530
3/8/2015 23:50	622	0.045	540
3/9/2015 00:00	613	0.042	550
3/9/2015 00:10	599	0.044	560
3/9/2015 00:20	599	0.044	570
3/9/2015 00:30	612	0.047	580
3/9/2015 00:40	625	0.051	590
3/9/2015 00:50	632	0.051	600
3/9/2015 01:00	631	0.048	610
3/9/2015 01:10	630	0.047	620
3/9/2015 01:20	631	0.047	630
3/9/2015 01:30	630	0.049	640
3/9/2015 01:40	629	0.041	650
3/9/2015 01:50	636	0.049	660
3/9/2015 02:00	648	0.051	670
3/9/2015 02:10	654	0.049	680
3/9/2015 02:20	670	0.052	690
3/9/2015 02:30	674	0.052	700
3/9/2015 02:40	670	0.050	710
3/9/2015 02:50	679	0.051	720
3/9/2015 03:00	683	0.051	730
3/9/2015 03:10	677	0.047	740
3/9/2015 03:20	678	0.048	750
3/9/2015 03:30	684	0.048	760
3/9/2015 03:40	694	0.046	770
3/9/2015 03:50	694	0.049	780
3/9/2015 04:00	695	0.051	790
3/9/2015 04:10	683	0.048	800
3/9/2015 04:20	690	0.047	810
3/9/2015 04:30	693	0.048	820
3/9/2015 04:40	693	0.047	830

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 04:50	693	0.048	840
3/9/2015 05:00	694	0.048	850
3/9/2015 05:10	692	0.046	860
3/9/2015 05:20	694	0.048	870
3/9/2015 05:30	693	0.047	880
3/9/2015 05:40	693	0.052	890
3/9/2015 05:50	697	0.050	900
3/9/2015 06:00	700	0.049	910
3/9/2015 06:10	700	0.048	920
3/9/2015 06:20	700	0.046	930
3/9/2015 06:30	700	0.045	940
3/9/2015 06:40	699	0.048	950
3/9/2015 06:50	701	0.046	960
3/9/2015 07:00	700	0.047	970
3/9/2015 07:10	700	0.046	980
3/9/2015 07:20	700	0.049	990
3/9/2015 07:30	700	0.049	1000
3/9/2015 07:40	700	Invalid Data	1000
3/9/2015 07:50	700	Invalid Data	1000
3/9/2015 08:00	700	Invalid Data	1000
3/9/2015 08:10	700	0.050	1010
3/9/2015 08:20	700	0.050	1020
3/9/2015 08:30	700	0.048	1030
3/9/2015 08:40	700	0.046	1040
3/9/2015 08:50	700	0.046	1050
3/9/2015 09:00	700	0.050	1060
3/9/2015 09:10	700	0.046	1070
3/9/2015 09:20	700	0.048	1080
3/9/2015 09:30	700	0.049	1090
3/9/2015 09:40	700	0.047	1100
3/9/2015 09:50	700	0.047	1110
3/9/2015 10:00	700	0.047	1120
3/9/2015 10:10	700	0.046	1130
3/9/2015 10:20	699	0.049	1140
3/9/2015 10:30	700	0.049	1150
3/9/2015 10:40	700	0.049	1160
3/9/2015 10:50	700	0.048	1170
3/9/2015 11:00	700	0.048	1180
3/9/2015 11:10	700	0.049	1190
3/9/2015 11:20	700	0.048	1200
3/9/2015 11:30	700	0.046	1210
3/9/2015 11:40	700	0.048	1220
3/9/2015 11:50	700	0.049	1230
3/9/2015 12:00	700	0.046	1240

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 12:10	699	0.051	1250
3/9/2015 12:20	700	0.048	1260
3/9/2015 12:30	700	0.047	1270
3/9/2015 12:40	700	0.048	1280
3/9/2015 12:50	700	0.048	1290
3/9/2015 13:00	700	0.047	1300
3/9/2015 13:10	700	0.048	1310
3/9/2015 13:20	700	0.048	1320
3/9/2015 13:30	700	0.047	1330
3/9/2015 13:40	700	0.049	1340
3/9/2015 13:50	701	0.049	1350
3/9/2015 14:00	699	0.044	1360
3/9/2015 14:10	700	0.043	1370
3/9/2015 14:20	700	0.045	1380
3/9/2015 14:30	700	0.049	1390
3/9/2015 14:40	700	0.048	1400
3/9/2015 14:50	701	0.047	1410
3/9/2015 15:00	700	0.046	1420
3/9/2015 15:10	700	0.046	1430
3/9/2015 15:20	700	0.047	1440
3/9/2015 15:30	700	0.047	1450
3/9/2015 15:40	699	0.047	1460
3/9/2015 15:50	700	0.048	1470
3/9/2015 16:00	700	0.049	1480
3/9/2015 16:10	700	0.046	1490
3/9/2015 16:20	700	0.046	1500
3/9/2015 16:30	700	0.047	1510
3/9/2015 16:40	700	0.049	1520
3/9/2015 16:50	700	0.048	1530
3/9/2015 17:00	700	0.047	1540
3/9/2015 17:10	700	0.045	1550
3/9/2015 17:20	700	0.047	1560
3/9/2015 17:30	700	0.048	1570
3/9/2015 17:40	700	0.046	1580
3/9/2015 17:50	700	0.048	1590
3/9/2015 18:00	700	0.046	1600
3/9/2015 18:10	700	0.048	1610
3/9/2015 18:20	700	0.047	1620
3/9/2015 18:30	700	0.048	1630
3/9/2015 18:40	700	0.047	1640
3/9/2015 18:50	700	0.048	1650
3/9/2015 19:00	700	0.047	1660
3/9/2015 19:10	700	0.048	1670
3/9/2015 19:20	700	0.047	1680

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 19:30	700	0.047	1690
3/9/2015 19:40	700	0.049	1700
3/9/2015 19:50	700	0.048	1710
3/9/2015 20:00	699	0.046	1720
3/9/2015 20:10	677	0.038	1730
3/9/2015 20:20	675	0.043	1740
3/9/2015 20:30	675	0.044	1750
3/9/2015 20:40	675	0.047	1760
3/9/2015 20:50	675	0.047	1770
3/9/2015 21:00	675	0.047	1780
3/9/2015 21:10	675	0.049	1790
3/9/2015 21:20	675	0.046	1800
3/9/2015 21:30	674	0.046	1810
3/9/2015 21:40	675	0.046	1820
3/9/2015 21:50	675	0.046	1830
3/9/2015 22:00	675	0.048	1840
3/9/2015 22:10	671	0.048	1850
3/9/2015 22:20	652	0.040	1860
3/9/2015 22:30	649	0.042	1870
3/9/2015 22:40	630	0.040	1880
3/9/2015 22:50	609	0.039	1890
3/9/2015 23:00	610	0.041	1900
3/9/2015 23:10	610	0.045	1910
3/9/2015 23:20	623	0.047	1920
3/9/2015 23:30	630	0.049	1930
3/9/2015 23:40	630	0.048	1940
3/9/2015 23:50	630	0.047	1950
3/10/2015 00:00	630	0.049	1960
3/10/2015 00:10	630	0.046	1970
3/10/2015 00:20	631	0.048	1980
3/10/2015 00:30	630	0.047	1990
3/10/2015 00:40	630	0.046	2000
3/10/2015 00:50	630	0.047	2010
3/10/2015 01:00	629	0.047	2020
3/10/2015 01:10	630	0.047	2030
3/10/2015 01:20	629	0.046	2040
3/10/2015 01:30	630	0.047	2050
3/10/2015 01:40	630	0.046	2060
3/10/2015 01:50	630	0.047	2070
3/10/2015 02:00	630	0.047	2080
3/10/2015 02:10	630	0.047	2090
3/10/2015 02:20	631	0.047	2100
3/10/2015 02:30	630	0.047	2110
3/10/2015 02:40	630	0.048	2120

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 02:50	630	0.046	2130
3/10/2015 03:00	630	0.047	2140
3/10/2015 03:10	630	0.046	2150
3/10/2015 03:20	630	0.048	2160
3/10/2015 03:30	630	0.047	2170
3/10/2015 03:40	630	0.047	2180
3/10/2015 03:50	629	0.047	2190
3/10/2015 04:00	630	0.049	2200
3/10/2015 04:10	630	0.047	2210
3/10/2015 04:20	631	0.047	2220
3/10/2015 04:30	630	0.048	2230
3/10/2015 04:40	631	0.046	2240
3/10/2015 04:50	650	0.050	2250
3/10/2015 05:00	660	0.052	2260
3/10/2015 05:10	659	0.050	2270
3/10/2015 05:20	674	0.052	2280
3/10/2015 05:30	684	0.050	2290
3/10/2015 05:40	703	0.054	2300
3/10/2015 05:50	699	0.046	2310
3/10/2015 06:00	700	0.044	2320
3/10/2015 06:10	700	0.045	2330
3/10/2015 06:20	700	0.044	2340
3/10/2015 06:30	700	0.042	2350
3/10/2015 06:40	700	0.043	2360
3/10/2015 06:50	700	0.045	2370
3/10/2015 07:00	700	0.040	2380
3/10/2015 07:10	700	0.044	2390
3/10/2015 07:20	700	0.042	2400
3/10/2015 07:30	701	0.044	2410
3/10/2015 07:40	700	Invalid Data	2410
3/10/2015 07:50	700	Invalid Data	2410
3/10/2015 08:00	700	Invalid Data	2410
3/10/2015 08:10	700	0.041	2420
3/10/2015 08:20	701	0.038	2430
3/10/2015 08:30	700	0.043	2440
3/10/2015 08:40	700	0.040	2450
3/10/2015 08:50	700	0.042	2460
3/10/2015 09:00	700	0.043	2470
3/10/2015 09:10	700	0.041	2480
3/10/2015 09:20	700	0.043	2490
3/10/2015 09:30	700	0.043	2500
3/10/2015 09:40	700	0.042	2510
3/10/2015 09:50	699	0.043	2520
3/10/2015 10:00	701	0.043	2530

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 10:10	700	0.044	2540
3/10/2015 10:20	700	0.042	2550
3/10/2015 10:30	700	0.040	2560
3/10/2015 10:40	700	0.044	2570
3/10/2015 10:50	700	0.043	2580
3/10/2015 11:00	700	0.044	2590
3/10/2015 11:10	700	0.040	2600
3/10/2015 11:20	700	0.042	2610
3/10/2015 11:30	700	0.044	2620
3/10/2015 11:40	700	0.044	2630
3/10/2015 11:50	700	0.043	2640
3/10/2015 12:00	700	0.045	2650
3/10/2015 12:10	700	0.043	2660
3/10/2015 12:20	700	0.044	2670
3/10/2015 12:30	700	0.042	2680
3/10/2015 12:40	700	0.042	2690
3/10/2015 12:50	700	0.042	2700
3/10/2015 13:00	700	0.042	2710
3/10/2015 13:10	700	0.044	2720
3/10/2015 13:20	700	0.043	2730
3/10/2015 13:30	699	0.043	2740
3/10/2015 13:40	700	0.043	2750
3/10/2015 13:50	700	0.043	2760
3/10/2015 14:00	700	0.042	2770
3/10/2015 14:10	700	0.042	2780
3/10/2015 14:20	700	0.044	2790
3/10/2015 14:30	700	0.039	2800
3/10/2015 14:40	700	0.028	2810
3/10/2015 14:50	700	0.028	2820
3/10/2015 15:00	700	0.029	2830
3/10/2015 15:10	700	0.028	2840
3/10/2015 15:20	700	0.030	2850
3/10/2015 15:30	700	0.028	2860
3/10/2015 15:40	701	0.029	2870
3/10/2015 15:50	700	0.029	2880
3/10/2015 16:00	700	0.032	2890
3/10/2015 16:10	700	0.029	2900
3/10/2015 16:20	701	0.032	2910
3/10/2015 16:30	700	0.033	2920
3/10/2015 16:40	700	0.038	2930
3/10/2015 16:50	700	0.041	2940
3/10/2015 17:00	700	0.043	2950
3/10/2015 17:10	700	0.042	2960
3/10/2015 17:20	700	0.043	2970

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 17:30	700	0.044	2980
3/10/2015 17:40	700	0.044	2990
3/10/2015 17:50	700	0.044	3000
3/10/2015 18:00	700	0.042	3010
3/10/2015 18:10	700	0.042	3020
3/10/2015 18:20	700	0.045	3030
3/10/2015 18:30	699	0.041	3040
3/10/2015 18:40	700	0.044	3050
3/10/2015 18:50	700	0.041	3060
3/10/2015 19:00	700	0.043	3070
3/10/2015 19:10	700	0.043	3080
3/10/2015 19:20	699	0.041	3090
3/10/2015 19:30	701	0.042	3100
3/10/2015 19:40	700	0.041	3110
3/10/2015 19:50	700	0.040	3120
3/10/2015 20:00	700	0.043	3130
3/10/2015 20:10	700	0.044	3140
3/10/2015 20:20	700	0.041	3150
3/10/2015 20:30	697	0.043	3160
3/10/2015 20:40	692	0.040	3170
3/10/2015 20:50	691	0.040	3180
3/10/2015 21:00	685	0.039	3190
3/10/2015 21:10	667	0.036	3200
3/10/2015 21:20	655	0.037	3210
3/10/2015 21:30	643	0.037	3220
3/10/2015 21:40	629	0.036	3230
3/10/2015 21:50	613	0.034	3240
3/10/2015 22:00	597	0.032	3250
3/10/2015 22:10	586	0.036	3260
3/10/2015 22:20	584	0.039	3270
3/10/2015 22:30	585	0.040	3280
3/10/2015 22:40	588	0.040	3290
3/10/2015 22:50	611	0.046	3300
3/10/2015 23:00	637	0.049	3310
3/10/2015 23:10	663	0.052	3320
3/10/2015 23:20	681	0.054	3330
3/10/2015 23:30	665	0.046	3340
3/10/2015 23:40	654	0.041	3350
3/10/2015 23:50	633	0.038	3360
3/11/2015 00:00	612	0.030	3370
3/11/2015 00:10	597	0.034	3380
3/11/2015 00:20	585	0.035	3390
3/11/2015 00:30	585	0.038	3400
3/11/2015 00:40	584	0.041	3410

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 00:50	585	0.041	3420
3/11/2015 01:00	585	0.042	3430
3/11/2015 01:10	585	0.043	3440
3/11/2015 01:20	596	0.043	3450
3/11/2015 01:30	599	0.043	3460
3/11/2015 01:40	587	0.042	3470
3/11/2015 01:50	585	0.040	3480
3/11/2015 02:00	593	0.040	3490
3/11/2015 02:10	593	0.042	3500
3/11/2015 02:20	594	0.041	3510
3/11/2015 02:30	605	0.045	3520
3/11/2015 02:40	609	0.043	3530
3/11/2015 02:50	623	0.046	3540
3/11/2015 03:00	633	0.048	3550
3/11/2015 03:10	633	0.043	3560
3/11/2015 03:20	633	0.043	3570
3/11/2015 03:30	633	0.042	3580
3/11/2015 03:40	633	0.041	3590
3/11/2015 03:50	634	0.040	3600
3/11/2015 04:00	632	0.038	3610
3/11/2015 04:10	632	0.041	3620
3/11/2015 04:20	637	0.041	3630
3/11/2015 04:30	644	0.044	3640
3/11/2015 04:40	646	0.044	3650
3/11/2015 04:50	639	0.042	3660
3/11/2015 05:00	636	0.039	3670
3/11/2015 05:10	642	0.042	3680
3/11/2015 05:20	655	0.045	3690
3/11/2015 05:30	673	0.049	3700
3/11/2015 05:40	686	0.049	3710
3/11/2015 05:50	689	0.047	3720
3/11/2015 06:00	691	0.047	3730
3/11/2015 06:10	690	0.045	3740
3/11/2015 06:20	690	0.043	3750
3/11/2015 06:30	690	0.044	3760
3/11/2015 06:40	690	0.044	3770
3/11/2015 06:50	690	0.043	3780
3/11/2015 07:00	690	0.043	3790
3/11/2015 07:10	690	0.042	3800
3/11/2015 07:20	689	0.042	3810
3/11/2015 07:30	691	0.044	3820
3/11/2015 07:40	690	Invalid Data	3820
3/11/2015 07:50	690	Invalid Data	3820
3/11/2015 08:00	690	Invalid Data	3820

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 08:10	689	0.043	3830
3/11/2015 08:20	690	0.045	3840
3/11/2015 08:30	690	0.043	3850
3/11/2015 08:40	695	0.042	3860
3/11/2015 08:50	700	0.044	3870
3/11/2015 09:00	700	0.043	3880
3/11/2015 09:10	700	0.044	3890
3/11/2015 09:20	700	0.044	3900
3/11/2015 09:30	700	0.041	3910
3/11/2015 09:40	699	0.041	3920
3/11/2015 09:50	700	0.043	3930
3/11/2015 10:00	700	0.041	3940
3/11/2015 10:10	700	0.041	3950
3/11/2015 10:20	700	0.043	3960
3/11/2015 10:30	700	0.042	3970
3/11/2015 10:40	700	0.042	3980
3/11/2015 10:50	700	0.043	3990
3/11/2015 11:00	700	0.043	4000
3/11/2015 11:10	700	0.042	4010
3/11/2015 11:20	700	0.043	4020
3/11/2015 11:30	699	0.043	4030
3/11/2015 11:40	700	0.041	4040
3/11/2015 11:50	700	0.044	4050
3/11/2015 12:00	700	0.043	4060
3/11/2015 12:10	699	0.043	4070
3/11/2015 12:20	700	0.043	4080
3/11/2015 12:30	700	0.043	4090
3/11/2015 12:40	699	0.044	4100
3/11/2015 12:50	700	0.041	4110
3/11/2015 13:00	700	0.044	4120
3/11/2015 13:10	700	0.044	4130
3/11/2015 13:20	700	0.044	4140
3/11/2015 13:30	700	0.041	4150
3/11/2015 13:40	700	0.040	4160
3/11/2015 13:50	701	0.041	4170
3/11/2015 14:00	696	0.041	4180
3/11/2015 14:10	674	0.034	4190
3/11/2015 14:20	644	0.032	4200
3/11/2015 14:30	650	0.037	4210
3/11/2015 14:40	679	0.044	4220
3/11/2015 14:50	694	0.046	4230
3/11/2015 15:00	700	0.047	4240
3/11/2015 15:10	700	0.045	4250
3/11/2015 15:20	700	0.044	4260

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 15:30	700	0.044	4270
3/11/2015 15:40	700	0.042	4280
3/11/2015 15:50	700	0.043	4290
3/11/2015 16:00	700	0.037	4300
3/11/2015 16:10	700	0.044	4310
3/11/2015 16:20	700	0.043	4320
3/11/2015 16:30	700	0.041	4330
3/11/2015 16:40	700	0.040	4340
3/11/2015 16:50	700	0.043	4350

	Load MWe	NOx -72 hr Lb/MBtu
Average Values	678	0.044
Maximum Values	703	0.055
Minimum Value	584	0.028
Minimum Target	572	
Maximum Target		0.058

Attachment F. 120-Hour NO_x Test Results

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 13:40	700	0.051	2410
3/8/2015 13:50	700	0.047	2420
3/8/2015 14:00	700	0.048	2430
3/8/2015 14:10	700	0.138	0
3/8/2015 14:20	700	0.139	0
3/8/2015 14:30	700	0.098	0
3/8/2015 14:40	700	0.069	10
3/8/2015 14:50	700	0.062	20
3/8/2015 15:00	700	0.054	30
3/8/2015 15:10	700	0.052	40
3/8/2015 15:20	700	0.048	50
3/8/2015 15:30	700	0.048	60
3/8/2015 15:40	700	0.036	70
3/8/2015 15:50	701	0.050	80
3/8/2015 16:00	700	0.045	90
3/8/2015 16:10	700	0.048	100
3/8/2015 16:20	700	0.047	110
3/8/2015 16:30	700	0.047	120
3/8/2015 16:40	700	0.047	130
3/8/2015 16:50	700	0.046	140
3/8/2015 17:00	699	0.046	150
3/8/2015 17:10	700	0.047	160
3/8/2015 17:20	700	0.044	170
3/8/2015 17:30	699	0.046	180
3/8/2015 17:40	700	0.046	190
3/8/2015 17:50	700	0.047	200
3/8/2015 18:00	700	0.049	210
3/8/2015 18:10	700	0.049	220
3/8/2015 18:20	697	0.046	230
3/8/2015 18:30	697	0.048	240
3/8/2015 18:40	694	0.043	250
3/8/2015 18:50	689	0.046	260
3/8/2015 19:00	690	0.046	270
3/8/2015 19:10	692	0.048	280
3/8/2015 19:20	679	0.042	290
3/8/2015 19:30	667	0.042	300
3/8/2015 19:40	680	0.055	310
3/8/2015 19:50	697	0.052	320
3/8/2015 20:00	694	0.052	330
3/8/2015 20:10	692	0.049	340
3/8/2015 20:20	693	0.049	350
3/8/2015 20:30	692	0.048	360
3/8/2015 20:40	690	0.046	370
3/8/2015 20:50	689	0.048	380
3/8/2015 21:00	677	0.043	390

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 21:10	684	0.047	400
3/8/2015 21:20	693	0.052	410
3/8/2015 21:30	692	0.047	420
3/8/2015 21:40	691	0.047	430
3/8/2015 21:50	689	0.046	440
3/8/2015 22:00	692	0.047	450
3/8/2015 22:10	690	0.047	460
3/8/2015 22:20	690	0.045	470
3/8/2015 22:30	692	0.047	480
3/8/2015 22:40	690	0.047	490
3/8/2015 22:50	681	0.044	500
3/8/2015 23:00	664	0.042	510
3/8/2015 23:10	654	0.043	520
3/8/2015 23:20	637	0.040	530
3/8/2015 23:30	624	0.043	540
3/8/2015 23:40	626	0.050	550
3/8/2015 23:50	622	0.045	560
3/9/2015 00:00	613	0.042	570
3/9/2015 00:10	599	0.044	580
3/9/2015 00:20	599	0.044	590
3/9/2015 00:30	612	0.047	600
3/9/2015 00:40	625	0.051	610
3/9/2015 00:50	632	0.051	620
3/9/2015 01:00	631	0.048	630
3/9/2015 01:10	630	0.047	640
3/9/2015 01:20	631	0.047	650
3/9/2015 01:30	630	0.049	660
3/9/2015 01:40	629	0.041	670
3/9/2015 01:50	636	0.049	680
3/9/2015 02:00	648	0.051	690
3/9/2015 02:10	654	0.049	700
3/9/2015 02:20	670	0.052	710
3/9/2015 02:30	674	0.052	720
3/9/2015 02:40	670	0.050	730
3/9/2015 02:50	679	0.051	740
3/9/2015 03:00	683	0.051	750
3/9/2015 03:10	677	0.047	760
3/9/2015 03:20	678	0.048	770
3/9/2015 03:30	684	0.048	780
3/9/2015 03:40	694	0.046	790
3/9/2015 03:50	694	0.049	800
3/9/2015 04:00	695	0.051	810
3/9/2015 04:10	683	0.048	820
3/9/2015 04:20	690	0.047	830
3/9/2015 04:30	693	0.048	840
3/9/2015 04:40	693	0.047	850

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 04:50	693	0.048	860
3/9/2015 05:00	694	0.048	870
3/9/2015 05:10	692	0.046	880
3/9/2015 05:20	694	0.048	890
3/9/2015 05:30	693	0.047	900
3/9/2015 05:40	693	0.052	910
3/9/2015 05:50	697	0.050	920
3/9/2015 06:00	700	0.049	930
3/9/2015 06:10	700	0.048	940
3/9/2015 06:20	700	0.046	950
3/9/2015 06:30	700	0.045	960
3/9/2015 06:40	699	0.048	970
3/9/2015 06:50	701	0.046	980
3/9/2015 07:00	700	0.047	990
3/9/2015 07:10	700	0.046	1000
3/9/2015 07:20	700	0.049	1010
3/9/2015 07:30	700	0.049	1020
3/9/2015 07:40	700	Invalid Data	1020
3/9/2015 07:50	700	Invalid Data	1020
3/9/2015 08:00	700	Invalid Data	1020
3/9/2015 08:10	700	0.050	1030
3/9/2015 08:20	700	0.050	1040
3/9/2015 08:30	700	0.048	1050
3/9/2015 08:40	700	0.046	1060
3/9/2015 08:50	700	0.046	1070
3/9/2015 09:00	700	0.050	1080
3/9/2015 09:10	700	0.046	1090
3/9/2015 09:20	700	0.048	1100
3/9/2015 09:30	700	0.049	1110
3/9/2015 09:40	700	0.047	1120
3/9/2015 09:50	700	0.047	1130
3/9/2015 10:00	700	0.047	1140
3/9/2015 10:10	700	0.046	1150
3/9/2015 10:20	699	0.049	1160
3/9/2015 10:30	700	0.049	1170
3/9/2015 10:40	700	0.049	1180
3/9/2015 10:50	700	0.048	1190
3/9/2015 11:00	700	0.048	1200
3/9/2015 11:10	700	0.049	1210
3/9/2015 11:20	700	0.048	1220
3/9/2015 11:30	700	0.046	1230
3/9/2015 11:40	700	0.048	1240
3/9/2015 11:50	700	0.049	1250
3/9/2015 12:00	700	0.046	1260
3/9/2015 12:10	699	0.051	1270
3/9/2015 12:20	700	0.048	1280

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 12:30	700	0.047	1290
3/9/2015 12:40	700	0.048	1300
3/9/2015 12:50	700	0.048	1310
3/9/2015 13:00	700	0.047	1320
3/9/2015 13:10	700	0.048	1330
3/9/2015 13:20	700	0.048	1340
3/9/2015 13:30	700	0.047	1350
3/9/2015 13:40	700	0.049	1360
3/9/2015 13:50	701	0.049	1370
3/9/2015 14:00	699	0.044	1380
3/9/2015 14:10	700	0.043	1390
3/9/2015 14:20	700	0.045	1400
3/9/2015 14:30	700	0.049	1410
3/9/2015 14:40	700	0.048	1420
3/9/2015 14:50	701	0.047	1430
3/9/2015 15:00	700	0.046	1440
3/9/2015 15:10	700	0.046	1450
3/9/2015 15:20	700	0.047	1460
3/9/2015 15:30	700	0.047	1470
3/9/2015 15:40	699	0.047	1480
3/9/2015 15:50	700	0.048	1490
3/9/2015 16:00	700	0.049	1500
3/9/2015 16:10	700	0.046	1510
3/9/2015 16:20	700	0.046	1520
3/9/2015 16:30	700	0.047	1530
3/9/2015 16:40	700	0.049	1540
3/9/2015 16:50	700	0.048	1550
3/9/2015 17:00	700	0.047	1560
3/9/2015 17:10	700	0.045	1570
3/9/2015 17:20	700	0.047	1580
3/9/2015 17:30	700	0.048	1590
3/9/2015 17:40	700	0.046	1600
3/9/2015 17:50	700	0.048	1610
3/9/2015 18:00	700	0.046	1620
3/9/2015 18:10	700	0.048	1630
3/9/2015 18:20	700	0.047	1640
3/9/2015 18:30	700	0.048	1650
3/9/2015 18:40	700	0.047	1660
3/9/2015 18:50	700	0.048	1670
3/9/2015 19:00	700	0.047	1680
3/9/2015 19:10	700	0.048	1690
3/9/2015 19:20	700	0.047	1700
3/9/2015 19:30	700	0.047	1710
3/9/2015 19:40	700	0.049	1720
3/9/2015 19:50	700	0.048	1730
3/9/2015 20:00	699	0.046	1740

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 20:10	677	0.038	1750
3/9/2015 20:20	675	0.043	1760
3/9/2015 20:30	675	0.044	1770
3/9/2015 20:40	675	0.047	1780
3/9/2015 20:50	675	0.047	1790
3/9/2015 21:00	675	0.047	1800
3/9/2015 21:10	675	0.049	1810
3/9/2015 21:20	675	0.046	1820
3/9/2015 21:30	674	0.046	1830
3/9/2015 21:40	675	0.046	1840
3/9/2015 21:50	675	0.046	1850
3/9/2015 22:00	675	0.048	1860
3/9/2015 22:10	671	0.048	1870
3/9/2015 22:20	652	0.040	1880
3/9/2015 22:30	649	0.042	1890
3/9/2015 22:40	630	0.040	1900
3/9/2015 22:50	609	0.039	1910
3/9/2015 23:00	610	0.041	1920
3/9/2015 23:10	610	0.045	1930
3/9/2015 23:20	623	0.047	1940
3/9/2015 23:30	630	0.049	1950
3/9/2015 23:40	630	0.048	1960
3/9/2015 23:50	630	0.047	1970
3/10/2015 00:00	630	0.049	1980
3/10/2015 00:10	630	0.046	1990
3/10/2015 00:20	631	0.048	2000
3/10/2015 00:30	630	0.047	2010
3/10/2015 00:40	630	0.046	2020
3/10/2015 00:50	630	0.047	2030
3/10/2015 01:00	629	0.047	2040
3/10/2015 01:10	630	0.047	2050
3/10/2015 01:20	629	0.046	2060
3/10/2015 01:30	630	0.047	2070
3/10/2015 01:40	630	0.046	2080
3/10/2015 01:50	630	0.047	2090
3/10/2015 02:00	630	0.047	2100
3/10/2015 02:10	630	0.047	2110
3/10/2015 02:20	631	0.047	2120
3/10/2015 02:30	630	0.047	2130
3/10/2015 02:40	630	0.048	2140
3/10/2015 02:50	630	0.046	2150
3/10/2015 03:00	630	0.047	2160
3/10/2015 03:10	630	0.046	2170
3/10/2015 03:20	630	0.048	2180
3/10/2015 03:30	630	0.047	2190
3/10/2015 03:40	630	0.047	2200

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 03:50	629	0.047	2210
3/10/2015 04:00	630	0.049	2220
3/10/2015 04:10	630	0.047	2230
3/10/2015 04:20	631	0.047	2240
3/10/2015 04:30	630	0.048	2250
3/10/2015 04:40	631	0.046	2260
3/10/2015 04:50	650	0.050	2270
3/10/2015 05:00	660	0.052	2280
3/10/2015 05:10	659	0.050	2290
3/10/2015 05:20	674	0.052	2300
3/10/2015 05:30	684	0.050	2310
3/10/2015 05:40	703	0.054	2320
3/10/2015 05:50	699	0.046	2330
3/10/2015 06:00	700	0.044	2340
3/10/2015 06:10	700	0.045	2350
3/10/2015 06:20	700	0.044	2360
3/10/2015 06:30	700	0.042	2370
3/10/2015 06:40	700	0.043	2380
3/10/2015 06:50	700	0.045	2390
3/10/2015 07:00	700	0.040	2400
3/10/2015 07:10	700	0.044	2410
3/10/2015 07:20	700	0.042	2420
3/10/2015 07:30	701	0.044	2430
3/10/2015 07:40	700	Invalid Data	2430
3/10/2015 07:50	700	Invalid Data	2430
3/10/2015 08:00	700	Invalid Data	2430
3/10/2015 08:10	700	0.041	2440
3/10/2015 08:20	701	0.038	2450
3/10/2015 08:30	700	0.043	2460
3/10/2015 08:40	700	0.040	2470
3/10/2015 08:50	700	0.042	2480
3/10/2015 09:00	700	0.043	2490
3/10/2015 09:10	700	0.041	2500
3/10/2015 09:20	700	0.043	2510
3/10/2015 09:30	700	0.043	2520
3/10/2015 09:40	700	0.042	2530
3/10/2015 09:50	699	0.043	2540
3/10/2015 10:00	701	0.043	2550
3/10/2015 10:10	700	0.044	2560
3/10/2015 10:20	700	0.042	2570
3/10/2015 10:30	700	0.040	2580
3/10/2015 10:40	700	0.044	2590
3/10/2015 10:50	700	0.043	2600
3/10/2015 11:00	700	0.044	2610
3/10/2015 11:10	700	0.040	2620
3/10/2015 11:20	700	0.042	2630

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 11:30	700	0.044	2640
3/10/2015 11:40	700	0.044	2650
3/10/2015 11:50	700	0.043	2660
3/10/2015 12:00	700	0.045	2670
3/10/2015 12:10	700	0.043	2680
3/10/2015 12:20	700	0.044	2690
3/10/2015 12:30	700	0.042	2700
3/10/2015 12:40	700	0.042	2710
3/10/2015 12:50	700	0.042	2720
3/10/2015 13:00	700	0.042	2730
3/10/2015 13:10	700	0.044	2740
3/10/2015 13:20	700	0.043	2750
3/10/2015 13:30	699	0.043	2760
3/10/2015 13:40	700	0.043	2770
3/10/2015 13:50	700	0.043	2780
3/10/2015 14:00	700	0.042	2790
3/10/2015 14:10	700	0.042	2800
3/10/2015 14:20	700	0.044	2810
3/10/2015 14:30	700	0.039	2820
3/10/2015 14:40	700	0.028	2830
3/10/2015 14:50	700	0.028	2840
3/10/2015 15:00	700	0.029	2850
3/10/2015 15:10	700	0.028	2860
3/10/2015 15:20	700	0.030	2870
3/10/2015 15:30	700	0.028	2880
3/10/2015 15:40	701	0.029	2890
3/10/2015 15:50	700	0.029	2900
3/10/2015 16:00	700	0.032	2910
3/10/2015 16:10	700	0.029	2920
3/10/2015 16:20	701	0.032	2930
3/10/2015 16:30	700	0.033	2940
3/10/2015 16:40	700	0.038	2950
3/10/2015 16:50	700	0.041	2960
3/10/2015 17:00	700	0.043	2970
3/10/2015 17:10	700	0.042	2980
3/10/2015 17:20	700	0.043	2990
3/10/2015 17:30	700	0.044	3000
3/10/2015 17:40	700	0.044	3010
3/10/2015 17:50	700	0.044	3020
3/10/2015 18:00	700	0.042	3030
3/10/2015 18:10	700	0.042	3040
3/10/2015 18:20	700	0.045	3050
3/10/2015 18:30	699	0.041	3060
3/10/2015 18:40	700	0.044	3070
3/10/2015 18:50	700	0.041	3080
3/10/2015 19:00	700	0.043	3090

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 19:10	700	0.043	3100
3/10/2015 19:20	699	0.041	3110
3/10/2015 19:30	701	0.042	3120
3/10/2015 19:40	700	0.041	3130
3/10/2015 19:50	700	0.040	3140
3/10/2015 20:00	700	0.043	3150
3/10/2015 20:10	700	0.044	3160
3/10/2015 20:20	700	0.041	3170
3/10/2015 20:30	697	0.043	3180
3/10/2015 20:40	692	0.040	3190
3/10/2015 20:50	691	0.040	3200
3/10/2015 21:00	685	0.039	3210
3/10/2015 21:10	667	0.036	3220
3/10/2015 21:20	655	0.037	3230
3/10/2015 21:30	643	0.037	3240
3/10/2015 21:40	629	0.036	3250
3/10/2015 21:50	613	0.034	3260
3/10/2015 22:00	597	0.032	3270
3/10/2015 22:10	586	0.036	3280
3/10/2015 22:20	584	0.039	3290
3/10/2015 22:30	585	0.040	3300
3/10/2015 22:40	588	0.040	3310
3/10/2015 22:50	611	0.046	3320
3/10/2015 23:00	637	0.049	3330
3/10/2015 23:10	663	0.052	3340
3/10/2015 23:20	681	0.054	3350
3/10/2015 23:30	665	0.046	3360
3/10/2015 23:40	654	0.041	3370
3/10/2015 23:50	633	0.038	3380
3/11/2015 00:00	612	0.030	3390
3/11/2015 00:10	597	0.034	3400
3/11/2015 00:20	585	0.035	3410
3/11/2015 00:30	585	0.038	3420
3/11/2015 00:40	584	0.041	3430
3/11/2015 00:50	585	0.041	3440
3/11/2015 01:00	585	0.042	3450
3/11/2015 01:10	585	0.043	3460
3/11/2015 01:20	596	0.043	3470
3/11/2015 01:30	599	0.043	3480
3/11/2015 01:40	587	0.042	3490
3/11/2015 01:50	585	0.040	3500
3/11/2015 02:00	593	0.040	3510
3/11/2015 02:10	593	0.042	3520
3/11/2015 02:20	594	0.041	3530
3/11/2015 02:30	605	0.045	3540
3/11/2015 02:40	609	0.043	3550

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 02:50	623	0.046	3560
3/11/2015 03:00	633	0.048	3570
3/11/2015 03:10	633	0.043	3580
3/11/2015 03:20	633	0.043	3590
3/11/2015 03:30	633	0.042	3600
3/11/2015 03:40	633	0.041	3610
3/11/2015 03:50	634	0.040	3620
3/11/2015 04:00	632	0.038	3630
3/11/2015 04:10	632	0.041	3640
3/11/2015 04:20	637	0.041	3650
3/11/2015 04:30	644	0.044	3660
3/11/2015 04:40	646	0.044	3670
3/11/2015 04:50	639	0.042	3680
3/11/2015 05:00	636	0.039	3690
3/11/2015 05:10	642	0.042	3700
3/11/2015 05:20	655	0.045	3710
3/11/2015 05:30	673	0.049	3720
3/11/2015 05:40	686	0.049	3730
3/11/2015 05:50	689	0.047	3740
3/11/2015 06:00	691	0.047	3750
3/11/2015 06:10	690	0.045	3760
3/11/2015 06:20	690	0.043	3770
3/11/2015 06:30	690	0.044	3780
3/11/2015 06:40	690	0.044	3790
3/11/2015 06:50	690	0.043	3800
3/11/2015 07:00	690	0.043	3810
3/11/2015 07:10	690	0.042	3820
3/11/2015 07:20	689	0.042	3830
3/11/2015 07:30	691	0.044	3840
3/11/2015 07:40	690	Invalid Data	3840
3/11/2015 07:50	690	Invalid Data	3840
3/11/2015 08:00	690	Invalid Data	3840
3/11/2015 08:10	689	0.043	3850
3/11/2015 08:20	690	0.045	3860
3/11/2015 08:30	690	0.043	3870
3/11/2015 08:40	695	0.042	3880
3/11/2015 08:50	700	0.044	3890
3/11/2015 09:00	700	0.043	3900
3/11/2015 09:10	700	0.044	3910
3/11/2015 09:20	700	0.044	3920
3/11/2015 09:30	700	0.041	3930
3/11/2015 09:40	699	0.041	3940
3/11/2015 09:50	700	0.043	3950
3/11/2015 10:00	700	0.041	3960
3/11/2015 10:10	700	0.041	3970
3/11/2015 10:20	700	0.043	3980

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 10:30	700	0.042	3990
3/11/2015 10:40	700	0.042	4000
3/11/2015 10:50	700	0.043	4010
3/11/2015 11:00	700	0.043	4020
3/11/2015 11:10	700	0.042	4030
3/11/2015 11:20	700	0.043	4040
3/11/2015 11:30	699	0.043	4050
3/11/2015 11:40	700	0.041	4060
3/11/2015 11:50	700	0.044	4070
3/11/2015 12:00	700	0.043	4080
3/11/2015 12:10	699	0.043	4090
3/11/2015 12:20	700	0.043	4100
3/11/2015 12:30	700	0.043	4110
3/11/2015 12:40	699	0.044	4120
3/11/2015 12:50	700	0.041	4130
3/11/2015 13:00	700	0.044	4140
3/11/2015 13:10	700	0.044	4150
3/11/2015 13:20	700	0.044	4160
3/11/2015 13:30	700	0.041	4170
3/11/2015 13:40	700	0.040	4180
3/11/2015 13:50	701	0.041	4190
3/11/2015 14:00	696	0.041	4200
3/11/2015 14:10	674	0.034	4210
3/11/2015 14:20	644	0.032	4220
3/11/2015 14:30	650	0.037	4230
3/11/2015 14:40	679	0.044	4240
3/11/2015 14:50	694	0.046	4250
3/11/2015 15:00	700	0.047	4260
3/11/2015 15:10	700	0.045	4270
3/11/2015 15:20	700	0.044	4280
3/11/2015 15:30	700	0.044	4290
3/11/2015 15:40	700	0.042	4300
3/11/2015 15:50	700	0.043	4310
3/11/2015 16:00	700	0.037	4320
3/11/2015 16:10	700	0.044	4330
3/11/2015 16:20	700	0.043	4340
3/11/2015 16:30	700	0.041	4350
3/11/2015 16:40	700	0.040	4360
3/11/2015 16:50	700	0.043	4370
3/11/2015 17:00	700	0.042	4380
3/11/2015 17:10	701	0.040	4390
3/11/2015 17:20	699	0.042	4400
3/11/2015 17:30	695	0.040	4410
3/11/2015 17:40	691	0.039	4420
3/11/2015 17:50	690	0.039	4430
3/11/2015 18:00	689	0.033	4440

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 18:10	682	0.040	4450
3/11/2015 18:20	665	0.035	4460
3/11/2015 18:30	658	0.036	4470
3/11/2015 18:40	662	0.041	4480
3/11/2015 18:50	672	0.043	4490
3/11/2015 19:00	687	0.048	4500
3/11/2015 19:10	685	0.045	4510
3/11/2015 19:20	671	0.040	4520
3/11/2015 19:30	658	0.038	4530
3/11/2015 19:40	638	0.036	4540
3/11/2015 19:50	613	0.033	4550
3/11/2015 20:00	594	0.031	4560
3/11/2015 20:10	585	0.033	4570
3/11/2015 20:20	585	0.037	4580
3/11/2015 20:30	585	0.040	4590
3/11/2015 20:40	585	0.041	4600
3/11/2015 20:50	585	0.041	4610
3/11/2015 21:00	585	0.041	4620
3/11/2015 21:10	585	0.041	4630
3/11/2015 21:20	586	0.043	4640
3/11/2015 21:30	606	0.050	4650
3/11/2015 21:40	626	0.059	4660
3/11/2015 21:50	626	0.055	4670
3/11/2015 22:00	622	0.055	4680
3/11/2015 22:10	608	0.043	4690
3/11/2015 22:20	588	0.036	4700
3/11/2015 22:30	585	0.036	4710
3/11/2015 22:40	585	0.042	4720
3/11/2015 22:50	585	0.042	4730
3/11/2015 23:00	585	0.046	4740
3/11/2015 23:10	585	0.046	4750
3/11/2015 23:20	585	0.041	4760
3/11/2015 23:30	585	0.046	4770
3/11/2015 23:40	585	0.045	4780
3/11/2015 23:50	585	0.042	4790
3/12/2015 00:00	585	0.042	4800
3/12/2015 00:10	585	0.042	4810
3/12/2015 00:20	584	0.046	4820
3/12/2015 00:30	585	0.043	4830
3/12/2015 00:40	585	0.041	4840
3/12/2015 00:50	585	0.042	4850
3/12/2015 01:00	585	0.042	4860
3/12/2015 01:10	585	0.041	4870
3/12/2015 01:20	585	0.040	4880
3/12/2015 01:30	585	0.041	4890
3/12/2015 01:40	586	0.044	4900

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/12/2015 01:50	592	0.044	4910
3/12/2015 02:00	587	0.039	4920
3/12/2015 02:10	585	0.044	4930
3/12/2015 02:20	585	0.041	4940
3/12/2015 02:30	585	0.043	4950
3/12/2015 02:40	585	0.043	4960
3/12/2015 02:50	584	0.043	4970
3/12/2015 03:00	585	0.042	4980
3/12/2015 03:10	585	0.043	4990
3/12/2015 03:20	585	0.042	5000
3/12/2015 03:30	585	0.043	5010
3/12/2015 03:40	585	0.042	5020
3/12/2015 03:50	586	0.044	5030
3/12/2015 04:00	592	0.047	5040
3/12/2015 04:10	587	0.042	5050
3/12/2015 04:20	595	0.042	5060
3/12/2015 04:30	620	0.048	5070
3/12/2015 04:40	643	0.046	5080
3/12/2015 04:50	667	0.050	5090
3/12/2015 05:00	688	0.056	5100
3/12/2015 05:10	684	0.047	5110
3/12/2015 05:20	687	0.045	5120
3/12/2015 05:30	687	0.039	5130
3/12/2015 05:40	685	0.037	5140
3/12/2015 05:50	686	0.038	5150
3/12/2015 06:00	685	0.038	5160
3/12/2015 06:10	687	0.037	5170
3/12/2015 06:20	685	0.035	5180
3/12/2015 06:30	686	0.037	5190
3/12/2015 06:40	686	0.037	5200
3/12/2015 06:50	688	0.037	5210
3/12/2015 07:00	688	0.039	5220
3/12/2015 07:10	688	0.037	5230
3/12/2015 07:20	687	0.036	5240
3/12/2015 07:30	688	0.036	5250
3/12/2015 07:40	688	Invalid Data	5250
3/12/2015 07:50	688	Invalid Data	5250
3/12/2015 08:00	688	Invalid Data	5250
3/12/2015 08:10	688	0.042	5260
3/12/2015 08:20	688	0.039	5270
3/12/2015 08:30	701	0.042	5280
3/12/2015 08:40	700	0.039	5290
3/12/2015 08:50	700	0.039	5300
3/12/2015 09:00	700	0.034	5310
3/12/2015 09:10	700	0.033	5320
3/12/2015 09:20	700	0.035	5330

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/12/2015 09:30	700	0.035	5340
3/12/2015 09:40	693	0.031	5350
3/12/2015 09:50	690	0.023	5360
3/12/2015 10:00	687	0.026	5370
3/12/2015 10:10	684	0.025	5380
3/12/2015 10:20	685	0.026	5390
3/12/2015 10:30	685	0.022	5400
3/12/2015 10:40	685	0.020	5410
3/12/2015 10:50	685	0.022	5420
3/12/2015 11:00	685	0.024	5430
3/12/2015 11:10	685	0.024	5440
3/12/2015 11:20	685	0.025	5450
3/12/2015 11:30	685	0.024	5460
3/12/2015 11:40	685	0.023	5470
3/12/2015 11:50	685	0.024	5480
3/12/2015 12:00	685	0.024	5490
3/12/2015 12:10	685	0.024	5500
3/12/2015 12:20	685	0.025	5510
3/12/2015 12:30	685	0.025	5520
3/12/2015 12:40	685	0.024	5530
3/12/2015 12:50	685	0.024	5540
3/12/2015 13:00	685	0.024	5550
3/12/2015 13:10	685	0.022	5560
3/12/2015 13:20	685	0.023	5570
3/12/2015 13:30	685	0.025	5580
3/12/2015 13:40	685	0.025	5590
3/12/2015 13:50	685	0.026	5600
3/12/2015 14:00	685	0.025	5610
3/12/2015 14:10	684	0.022	5620
3/12/2015 14:20	686	0.026	5630
3/12/2015 14:30	685	0.024	5640
3/12/2015 14:40	685	0.024	5650
3/12/2015 14:50	685	0.028	5660
3/12/2015 15:00	685	0.041	5670
3/12/2015 15:10	685	0.037	5680
3/12/2015 15:20	685	0.035	5690
3/12/2015 15:30	685	0.034	5700
3/12/2015 15:40	685	0.034	5710
3/12/2015 15:50	685	0.035	5720
3/12/2015 16:00	685	0.035	5730
3/12/2015 16:10	685	0.036	5740
3/12/2015 16:20	685	0.034	5750
3/12/2015 16:30	685	0.036	5760
3/12/2015 16:40	685	0.036	5770
3/12/2015 16:50	685	0.035	5780
3/12/2015 17:00	685	0.034	5790

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/12/2015 17:10	685	0.036	5800
3/12/2015 17:20	685	0.037	5810
3/12/2015 17:30	685	0.041	5820
3/12/2015 17:40	685	0.041	5830
3/12/2015 17:50	672	0.039	5840
3/12/2015 18:00	638	0.026	5850
3/12/2015 18:10	613	0.024	5860
3/12/2015 18:20	586	0.036	5870
3/12/2015 18:30	585	0.039	5880
3/12/2015 18:40	585	0.035	5890
3/12/2015 18:50	585	0.040	5900
3/12/2015 19:00	585	0.039	5910
3/12/2015 19:10	585	0.043	5920
3/12/2015 19:20	585	0.042	5930
3/12/2015 19:30	584	0.043	5940
3/12/2015 19:40	585	0.043	5950
3/12/2015 19:50	585	0.043	5960
3/12/2015 20:00	585	0.037	5970
3/12/2015 20:10	585	0.043	5980
3/12/2015 20:20	585	0.043	5990
3/12/2015 20:30	585	0.042	6000
3/12/2015 20:40	585	0.043	6010
3/12/2015 20:50	585	0.043	6020
3/12/2015 21:00	585	0.042	6030
3/12/2015 21:10	585	0.044	6040
3/12/2015 21:20	585	0.043	6050
3/12/2015 21:30	585	0.043	6060
3/12/2015 21:40	585	0.043	6070
3/12/2015 21:50	585	0.042	6080
3/12/2015 22:00	585	0.043	6090
3/12/2015 22:10	584	0.044	6100
3/12/2015 22:20	586	0.042	6110
3/12/2015 22:30	585	0.043	6120
3/12/2015 22:40	585	0.043	6130
3/12/2015 22:50	585	0.042	6140
3/12/2015 23:00	585	0.044	6150
3/12/2015 23:10	585	0.044	6160
3/12/2015 23:20	585	0.042	6170
3/12/2015 23:30	585	0.042	6180
3/12/2015 23:40	586	0.042	6190
3/12/2015 23:50	585	0.044	6200
3/13/2015 00:00	585	0.040	6210
3/13/2015 00:10	584	0.043	6220
3/13/2015 00:20	585	0.043	6230
3/13/2015 00:30	585	0.042	6240
3/13/2015 00:40	584	0.041	6250

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/13/2015 00:50	587	0.042	6260
3/13/2015 01:00	591	0.042	6270
3/13/2015 01:10	600	0.042	6280
3/13/2015 01:20	622	0.046	6290
3/13/2015 01:30	631	0.045	6300
3/13/2015 01:40	654	0.048	6310
3/13/2015 01:50	678	0.052	6320
3/13/2015 02:00	689	0.056	6330
3/13/2015 02:10	674	0.042	6340
3/13/2015 02:20	681	0.046	6350
3/13/2015 02:30	686	0.043	6360
3/13/2015 02:40	685	0.045	6370
3/13/2015 02:50	683	0.042	6380
3/13/2015 03:00	673	0.037	6390
3/13/2015 03:10	687	0.046	6400
3/13/2015 03:20	684	0.043	6410
3/13/2015 03:30	685	0.045	6420
3/13/2015 03:40	685	0.044	6430
3/13/2015 03:50	685	0.042	6440
3/13/2015 04:00	685	0.044	6450
3/13/2015 04:10	685	0.044	6460
3/13/2015 04:20	685	0.042	6470
3/13/2015 04:30	684	0.043	6480
3/13/2015 04:40	686	0.042	6490
3/13/2015 04:50	686	0.043	6500
3/13/2015 05:00	685	0.041	6510
3/13/2015 05:10	686	0.043	6520
3/13/2015 05:20	685	0.043	6530
3/13/2015 05:30	687	0.044	6540
3/13/2015 05:40	687	0.043	6550
3/13/2015 05:50	687	0.042	6560
3/13/2015 06:00	687	0.046	6570
3/13/2015 06:10	686	0.042	6580
3/13/2015 06:20	685	0.040	6590
3/13/2015 06:30	687	0.045	6600
3/13/2015 06:40	687	0.041	6610
3/13/2015 06:50	684	0.042	6620
3/13/2015 07:00	686	0.044	6630
3/13/2015 07:10	698	0.048	6640
3/13/2015 07:20	701	0.043	6650
3/13/2015 07:30	700	0.042	6660
3/13/2015 07:40	700	Invalid Data	6660
3/13/2015 07:50	700	Invalid Data	6660
3/13/2015 08:00	700	Invalid Data	6660
3/13/2015 08:10	700	0.041	6670
3/13/2015 08:20	700	0.041	6680

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/13/2015 08:30	700	0.043	6690
3/13/2015 08:40	700	0.044	6700
3/13/2015 08:50	700	0.042	6710
3/13/2015 09:00	700	0.046	6720
3/13/2015 09:10	697	0.044	6730
3/13/2015 09:20	695	0.039	6740
3/13/2015 09:30	695	0.044	6750
3/13/2015 09:40	695	0.041	6760
3/13/2015 09:50	695	0.042	6770
3/13/2015 10:00	695	0.042	6780
3/13/2015 10:10	695	0.044	6790
3/13/2015 10:20	695	0.043	6800
3/13/2015 10:30	695	0.041	6810
3/13/2015 10:40	695	0.044	6820
3/13/2015 10:50	695	0.041	6830
3/13/2015 11:00	695	0.043	6840
3/13/2015 11:10	695	0.043	6850
3/13/2015 11:20	695	0.042	6860
3/13/2015 11:30	695	0.043	6870
3/13/2015 11:40	695	0.043	6880
3/13/2015 11:50	695	0.042	6890
3/13/2015 12:00	695	0.051	6900
3/13/2015 12:10	695	0.043	6910
3/13/2015 12:20	695	0.044	6920
3/13/2015 12:30	695	0.041	6930
3/13/2015 12:40	695	0.042	6940
3/13/2015 12:50	695	0.042	6950
3/13/2015 13:00	695	0.043	6960
3/13/2015 13:10	695	0.043	6970
3/13/2015 13:20	695	0.044	6980
3/13/2015 13:30	695	0.045	6990
3/13/2015 13:40	695	0.043	7000
3/13/2015 13:50	695	0.043	7010
3/13/2015 14:00	695	0.042	7020
3/13/2015 14:10	695	0.043	7030
3/13/2015 14:20	695	0.041	7040
3/13/2015 14:30	695	0.041	7050
3/13/2015 14:40	695	0.043	7060
3/13/2015 14:50	695	0.043	7070
3/13/2015 15:00	695	0.043	7080
3/13/2015 15:10	695	0.042	7090
3/13/2015 15:20	695	0.042	7100
3/13/2015 15:30	695	0.042	7110
3/13/2015 15:40	695	0.046	7120
3/13/2015 15:50	695	0.043	7130
3/13/2015 16:00	695	0.042	7140

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

120 - Hr NOx Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/13/2015 16:10	695	0.043	7150
3/13/2015 16:20	695	0.043	7160
3/13/2015 16:30	695	0.045	7170
3/13/2015 16:40	695	0.045	7180
3/13/2015 16:50	695	0.044	7190
3/13/2015 17:00	695	0.042	7200
3/13/2015 17:10	695	0.044	7210
3/13/2015 17:20	695	0.042	7220
3/13/2015 17:30	695	0.043	7230

	Load MWe	NOx -120 hr Lb/MBtu
Average Values	669	0.043
Maximum Values	703	0.069
Minimum Value	584	0.020
Minimum Target	572	
Maximum Target		0.07

Attachment G. 4-Hour Particulate Test Results

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 4 hr
		PM_{10F} Limit, lb/MMBtu	0.013
		PM_{10T} Limit, lb/MMBtu	0.022
		Min. Load, MW	644
		Target, minutes	240

4 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	PM_{10F} (Filterable) Lb/MBtu	PM_{10T} (Total) Lb/MBtu	Total Compliance Time Minutes
3/19/2015 12:50	701	0.025	0.056	0
3/19/2015 13:00	700	0.027	0.061	0
3/19/2015 13:10	699	0.012	0.027	0
3/19/2015 13:20	700	0.006	0.014	10
3/19/2015 13:30	699	0.006	0.014	20
3/19/2015 13:40	701	0.006	0.014	30
3/19/2015 13:50	700	0.006	0.014	40
3/19/2015 14:00	700	0.006	0.014	50
3/19/2015 14:10	700	0.006	0.014	60
3/19/2015 14:20	699	0.006	0.014	70
3/19/2015 14:30	701	0.006	0.014	80
3/19/2015 14:40	699	0.006	0.014	90
3/19/2015 14:50	700	0.006	0.014	100
3/19/2015 15:00	701	0.006	0.014	110
3/19/2015 15:10	700	0.006	0.014	120
3/19/2015 15:20	700	0.006	0.014	130
3/19/2015 15:30	700	0.006	0.014	140
3/19/2015 15:40	699	0.006	0.014	150
3/19/2015 15:50	700	0.006	0.014	160
3/19/2015 16:00	700	0.006	0.014	170
3/19/2015 16:10	700	0.006	0.014	180
3/19/2015 16:20	700	0.006	0.014	190
3/19/2015 16:30	700	0.006	0.014	200
3/19/2015 16:40	700	0.006	0.014	210
3/19/2015 16:50	700	0.006	0.014	220
3/19/2015 17:00	700	0.006	0.014	230
3/19/2015 17:10	700	0.006	0.014	240
3/19/2015 17:20	700	0.006	0.014	250
3/19/2015 17:30	700	0.006	0.014	260
3/19/2015 17:40	700	0.006	0.014	270

	Load MWe	PM_{10} Filt - 4 hr Lb/MBtu	PM_{10} Total - 4 hr Lb/MBtu
Average Values	700	0.006	0.014
Maximum Values	701	0.006	0.014
Minimum Value	699	0.006	0.014
Minimum Target	644		
Maximum Target		0.013	0.022

Attachment H. 120-Hour Particulate Test Results

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/19/2015 16:20	700	0.006	0.014	4 - Hour Test
3/19/2015 16:30	700	0.006	0.014	4 - Hour Test
3/19/2015 16:40	700	0.006	0.014	4 - Hour Test
3/19/2015 16:50	700	0.006	0.014	4 - Hour Test
3/19/2015 17:00	700	0.006	0.014	4 - Hour Test
3/19/2015 17:10	700	0.006	0.014	0
3/19/2015 17:20	700	0.006	0.014	10
3/19/2015 17:30	700	0.006	0.014	20
3/19/2015 17:40	700	0.006	0.014	30
3/19/2015 17:50	700	0.006	0.014	40
3/19/2015 18:00	700	0.006	0.014	50
3/19/2015 18:10	697	0.006	0.014	60
3/19/2015 18:20	696	0.006	0.014	70
3/19/2015 18:30	694	0.006	0.014	80
3/19/2015 18:40	691	0.006	0.014	90
3/19/2015 18:50	689	0.006	0.014	100
3/19/2015 19:00	690	0.006	0.014	110
3/19/2015 19:10	690	0.006	0.014	120
3/19/2015 19:20	689	0.006	0.014	130
3/19/2015 19:30	690	0.006	0.014	140
3/19/2015 19:40	690	0.006	0.014	150
3/19/2015 19:50	689	0.006	0.014	160
3/19/2015 20:00	691	0.006	0.014	170
3/19/2015 20:10	688	0.006	0.014	180
3/19/2015 20:20	690	0.006	0.014	190
3/19/2015 20:30	689	0.006	0.014	200
3/19/2015 20:40	688	0.006	0.014	210
3/19/2015 20:50	691	0.006	0.014	220
3/19/2015 21:00	684	0.006	0.014	230
3/19/2015 21:10	663	0.006	0.014	240
3/19/2015 21:20	653	0.006	0.014	250
3/19/2015 21:30	643	0.006	0.014	260
3/19/2015 21:40	636	0.006	0.014	270
3/19/2015 21:50	634	0.006	0.014	280
3/19/2015 22:00	631	0.006	0.014	290
3/19/2015 22:10	630	0.006	0.014	300
3/19/2015 22:20	630	0.006	0.014	310

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/19/2015 22:30	623	0.006	0.014	320
3/19/2015 22:40	618	0.006	0.014	330
3/19/2015 22:50	615	0.006	0.014	340
3/19/2015 23:00	621	0.006	0.014	350
3/19/2015 23:10	625	0.006	0.014	360
3/19/2015 23:20	622	0.006	0.014	370
3/19/2015 23:30	626	0.006	0.014	380
3/19/2015 23:40	626	0.006	0.014	390
3/19/2015 23:50	626	0.006	0.014	400
3/20/2015 00:00	625	0.006	0.014	410
3/20/2015 00:10	624	0.006	0.014	420
3/20/2015 00:20	625	0.006	0.014	430
3/20/2015 00:30	624	0.006	0.014	440
3/20/2015 00:40	623	0.006	0.014	450
3/20/2015 00:50	622	0.006	0.014	460
3/20/2015 01:00	622	0.006	0.014	470
3/20/2015 01:10	621	0.006	0.014	480
3/20/2015 01:20	620	0.006	0.014	490
3/20/2015 01:30	621	0.006	0.014	500
3/20/2015 01:40	619	0.006	0.014	510
3/20/2015 01:50	619	0.006	0.014	520
3/20/2015 02:00	619	0.006	0.014	530
3/20/2015 02:10	618	0.006	0.014	540
3/20/2015 02:20	618	0.006	0.014	550
3/20/2015 02:30	618	0.006	0.014	560
3/20/2015 02:40	617	0.006	0.014	570
3/20/2015 02:50	617	0.006	0.014	580
3/20/2015 03:00	616	0.006	0.014	590
3/20/2015 03:10	614	0.006	0.014	600
3/20/2015 03:20	613	0.006	0.014	610
3/20/2015 03:30	613	0.006	0.014	620
3/20/2015 03:40	612	0.006	0.014	630
3/20/2015 03:50	612	0.006	0.014	640
3/20/2015 04:00	611	0.006	0.014	650
3/20/2015 04:10	611	0.006	0.014	660
3/20/2015 04:20	609	0.006	0.014	670
3/20/2015 04:30	609	0.006	0.014	680
3/20/2015 04:40	608	0.006	0.014	690

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 04:50	607	0.006	0.014	700
3/20/2015 05:00	610	0.006	0.014	710
3/20/2015 05:10	614	0.006	0.014	720
3/20/2015 05:20	626	0.006	0.014	730
3/20/2015 05:30	643	0.006	0.014	740
3/20/2015 05:40	667	0.006	0.014	750
3/20/2015 05:50	698	0.006	0.014	760
3/20/2015 06:00	700	0.006	0.014	770
3/20/2015 06:10	700	Invalid Data	Invalid Data	770
3/20/2015 06:20	700	Invalid Data	Invalid Data	770
3/20/2015 06:30	700	Invalid Data	Invalid Data	770
3/20/2015 06:40	700	0.006	0.014	780
3/20/2015 06:50	700	0.006	0.014	790
3/20/2015 07:00	700	0.006	0.014	800
3/20/2015 07:10	700	0.006	0.014	810
3/20/2015 07:20	700	0.006	0.014	820
3/20/2015 07:30	700	0.006	0.014	830
3/20/2015 07:40	700	0.006	0.014	840
3/20/2015 07:50	700	0.006	0.014	850
3/20/2015 08:00	700	0.006	0.014	860
3/20/2015 08:10	700	0.006	0.014	870
3/20/2015 08:20	700	0.006	0.014	880
3/20/2015 08:30	700	0.006	0.014	890
3/20/2015 08:40	700	0.006	0.014	900
3/20/2015 08:50	699	0.006	0.014	910
3/20/2015 09:00	701	0.006	0.014	920
3/20/2015 09:10	700	0.006	0.014	930
3/20/2015 09:20	700	0.006	0.014	940
3/20/2015 09:30	700	0.006	0.014	950
3/20/2015 09:40	700	0.006	0.014	960
3/20/2015 09:50	699	0.006	0.014	970
3/20/2015 10:00	700	0.006	0.014	980
3/20/2015 10:10	700	0.006	0.014	990
3/20/2015 10:20	700	0.006	0.014	1000
3/20/2015 10:30	701	0.006	0.014	1010
3/20/2015 10:40	700	0.006	0.014	1020
3/20/2015 10:50	700	0.006	0.014	1030
3/20/2015 11:00	700	0.006	0.014	1040

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 11:10	700	0.006	0.014	1050
3/20/2015 11:20	700	0.006	0.014	1060
3/20/2015 11:30	700	0.006	0.014	1070
3/20/2015 11:40	699	0.006	0.014	1080
3/20/2015 11:50	700	0.006	0.014	1090
3/20/2015 12:00	700	0.006	0.014	1100
3/20/2015 12:10	699	0.006	0.014	1110
3/20/2015 12:20	701	0.006	0.014	1120
3/20/2015 12:30	699	0.006	0.014	1130
3/20/2015 12:40	700	0.006	0.014	1140
3/20/2015 12:50	700	0.006	0.014	1150
3/20/2015 13:00	699	0.006	0.014	1160
3/20/2015 13:10	700	0.006	0.014	1170
3/20/2015 13:20	700	0.006	0.014	1180
3/20/2015 13:30	700	0.006	0.014	1190
3/20/2015 13:40	700	0.006	0.014	1200
3/20/2015 13:50	700	0.006	0.014	1210
3/20/2015 14:00	700	0.006	0.014	1220
3/20/2015 14:10	700	0.006	0.014	1230
3/20/2015 14:20	700	0.006	0.014	1240
3/20/2015 14:30	700	0.006	0.014	1250
3/20/2015 14:40	699	0.006	0.014	1260
3/20/2015 14:50	701	0.006	0.014	1270
3/20/2015 15:00	700	0.006	0.014	1280
3/20/2015 15:10	700	0.006	0.014	1290
3/20/2015 15:20	700	0.006	0.014	1300
3/20/2015 15:30	700	0.006	0.014	1310
3/20/2015 15:40	700	0.006	0.014	1320
3/20/2015 15:50	700	0.006	0.014	1330
3/20/2015 16:00	700	0.006	0.014	1340
3/20/2015 16:10	700	0.006	0.014	1350
3/20/2015 16:20	700	0.006	0.014	1360
3/20/2015 16:30	700	0.006	0.014	1370
3/20/2015 16:40	700	0.006	0.014	1380
3/20/2015 16:50	700	0.006	0.014	1390
3/20/2015 17:00	700	0.006	0.014	1400
3/20/2015 17:10	699	0.006	0.014	1410
3/20/2015 17:20	699	0.006	0.014	1420

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 17:30	701	0.006	0.014	1430
3/20/2015 17:40	700	0.006	0.014	1440
3/20/2015 17:50	700	0.006	0.014	1450
3/20/2015 18:00	700	0.006	0.014	1460
3/20/2015 18:10	700	0.006	0.014	1470
3/20/2015 18:20	699	0.006	0.014	1480
3/20/2015 18:30	696	0.006	0.014	1490
3/20/2015 18:40	692	0.006	0.014	1500
3/20/2015 18:50	688	0.006	0.014	1510
3/20/2015 19:00	687	0.006	0.014	1520
3/20/2015 19:10	687	0.006	0.014	1530
3/20/2015 19:20	689	0.006	0.014	1540
3/20/2015 19:30	688	0.006	0.014	1550
3/20/2015 19:40	686	0.006	0.014	1560
3/20/2015 19:50	676	0.006	0.014	1570
3/20/2015 20:00	683	0.006	0.014	1580
3/20/2015 20:10	675	0.006	0.014	1590
3/20/2015 20:20	662	0.006	0.014	1600
3/20/2015 20:30	661	0.006	0.014	1610
3/20/2015 20:40	668	0.006	0.014	1620
3/20/2015 20:50	672	0.006	0.014	1630
3/20/2015 21:00	673	0.006	0.014	1640
3/20/2015 21:10	682	0.006	0.014	1650
3/20/2015 21:20	687	0.006	0.014	1660
3/20/2015 21:30	682	0.006	0.014	1670
3/20/2015 21:40	682	0.006	0.014	1680
3/20/2015 21:50	673	0.006	0.014	1690
3/20/2015 22:00	670	0.006	0.014	1700
3/20/2015 22:10	668	0.006	0.014	1710
3/20/2015 22:20	662	0.006	0.014	1720
3/20/2015 22:30	657	0.006	0.014	1730
3/20/2015 22:40	661	0.006	0.014	1740
3/20/2015 22:50	664	0.006	0.014	1750
3/20/2015 23:00	656	0.006	0.014	1760
3/20/2015 23:10	649	0.006	0.014	1770
3/20/2015 23:20	632	0.006	0.014	1780
3/20/2015 23:30	630	0.006	0.014	1790
3/20/2015 23:40	624	0.006	0.014	1800

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 23:50	627	0.006	0.014	1810
3/21/2015 00:00	630	0.006	0.014	1820
3/21/2015 00:10	622	0.006	0.014	1830
3/21/2015 00:20	618	0.006	0.014	1840
3/21/2015 00:30	612	0.006	0.014	1850
3/21/2015 00:40	612	0.006	0.014	1860
3/21/2015 00:50	611	0.006	0.014	1870
3/21/2015 01:00	610	0.006	0.014	1880
3/21/2015 01:10	617	0.006	0.014	1890
3/21/2015 01:20	635	0.006	0.014	1900
3/21/2015 01:30	626	0.006	0.014	1910
3/21/2015 01:40	617	0.006	0.014	1920
3/21/2015 01:50	623	0.006	0.014	1930
3/21/2015 02:00	626	0.006	0.014	1940
3/21/2015 02:10	620	0.006	0.014	1950
3/21/2015 02:20	619	0.006	0.014	1960
3/21/2015 02:30	618	0.006	0.014	1970
3/21/2015 02:40	612	0.006	0.014	1980
3/21/2015 02:50	620	0.006	0.014	1990
3/21/2015 03:00	631	0.006	0.014	2000
3/21/2015 03:10	634	0.006	0.014	2010
3/21/2015 03:20	630	0.006	0.014	2020
3/21/2015 03:30	635	0.006	0.014	2030
3/21/2015 03:40	630	0.006	0.014	2040
3/21/2015 03:50	624	0.006	0.014	2050
3/21/2015 04:00	628	0.006	0.014	2060
3/21/2015 04:10	629	0.006	0.014	2070
3/21/2015 04:20	622	0.006	0.014	2080
3/21/2015 04:30	617	0.006	0.014	2090
3/21/2015 04:40	622	0.006	0.014	2100
3/21/2015 04:50	623	0.006	0.014	2110
3/21/2015 05:00	621	0.006	0.014	2120
3/21/2015 05:10	640	0.006	0.014	2130
3/21/2015 05:20	654	0.006	0.014	2140
3/21/2015 05:30	669	0.006	0.014	2150
3/21/2015 05:40	684	0.006	0.014	2160
3/21/2015 05:50	701	0.006	0.014	2170
3/21/2015 06:00	699	0.006	0.014	2180

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/21/2015 06:10	700	Invalid Data	Invalid Data	2180
3/21/2015 06:20	700	Invalid Data	Invalid Data	2180
3/21/2015 06:30	700	Invalid Data	Invalid Data	2180
3/21/2015 06:40	700	0.006	0.014	2190
3/21/2015 06:50	698	0.006	0.014	2200
3/21/2015 07:00	698	0.006	0.014	2210
3/21/2015 07:10	696	0.006	0.014	2220
3/21/2015 07:20	693	0.006	0.014	2230
3/21/2015 07:30	690	0.006	0.014	2240
3/21/2015 07:40	689	0.006	0.014	2250
3/21/2015 07:50	689	0.006	0.014	2260
3/21/2015 08:00	688	0.006	0.014	2270
3/21/2015 08:10	682	0.006	0.014	2280
3/21/2015 08:20	680	0.006	0.014	2290
3/21/2015 08:30	681	0.006	0.014	2300
3/21/2015 08:40	683	0.006	0.014	2310
3/21/2015 08:50	680	0.006	0.014	2320
3/21/2015 09:00	683	0.006	0.014	2330
3/21/2015 09:10	679	0.006	0.014	2340
3/21/2015 09:20	680	0.006	0.014	2350
3/21/2015 09:30	679	0.006	0.014	2360
3/21/2015 09:40	680	0.006	0.014	2370
3/21/2015 09:50	680	0.006	0.014	2380
3/21/2015 10:00	679	0.006	0.014	2390
3/21/2015 10:10	673	0.006	0.014	2400
3/21/2015 10:20	676	0.006	0.014	2410
3/21/2015 10:30	671	0.006	0.014	2420
3/21/2015 10:40	672	0.006	0.014	2430
3/21/2015 10:50	671	0.006	0.014	2440
3/21/2015 11:00	672	0.006	0.014	2450
3/21/2015 11:10	670	0.006	0.014	2460
3/21/2015 11:20	657	0.006	0.014	2470
3/21/2015 11:30	644	0.006	0.014	2480
3/21/2015 11:40	632	0.006	0.014	2490
3/21/2015 11:50	625	0.006	0.014	2500
3/21/2015 12:00	617	0.006	0.014	2510
3/21/2015 12:10	628	0.006	0.014	2520
3/21/2015 12:20	630	0.006	0.014	2530

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/21/2015 12:30	638	0.006	0.014	2540
3/21/2015 12:40	639	0.006	0.014	2550
3/21/2015 12:50	643	0.006	0.014	2560
3/21/2015 13:00	653	0.006	0.014	2570
3/21/2015 13:10	642	0.006	0.014	2580
3/21/2015 13:20	640	0.006	0.014	2590
3/21/2015 13:30	638	0.006	0.014	2600
3/21/2015 13:40	631	0.006	0.014	2610
3/21/2015 13:50	628	0.006	0.014	2620
3/21/2015 14:00	633	0.006	0.014	2630
3/21/2015 14:10	631	0.006	0.014	2640
3/21/2015 14:20	639	0.006	0.014	2650
3/21/2015 14:30	629	0.006	0.014	2660
3/21/2015 14:40	625	0.006	0.014	2670
3/21/2015 14:50	627	0.006	0.014	2680
3/21/2015 15:00	631	0.006	0.014	2690
3/21/2015 15:10	625	0.006	0.014	2700
3/21/2015 15:20	618	0.006	0.014	2710
3/21/2015 15:30	615	0.006	0.014	2720
3/21/2015 15:40	606	0.006	0.014	2730
3/21/2015 15:50	607	0.006	0.014	2740
3/21/2015 16:00	607	0.006	0.014	2750
3/21/2015 16:10	605	0.006	0.014	2760
3/21/2015 16:20	603	0.006	0.014	2770
3/21/2015 16:30	608	0.006	0.014	2780
3/21/2015 16:40	607	0.006	0.014	2790
3/21/2015 16:50	600	0.006	0.014	2800
3/21/2015 17:00	601	0.006	0.014	2810
3/21/2015 17:10	612	0.006	0.014	2820
3/21/2015 17:20	604	0.006	0.014	2830
3/21/2015 17:30	600	0.006	0.014	2840
3/21/2015 17:40	603	0.006	0.014	2850
3/21/2015 17:50	599	0.006	0.014	2860
3/21/2015 18:00	596	0.006	0.014	2870
3/21/2015 18:10	599	0.006	0.014	2880
3/21/2015 18:20	605	0.006	0.014	2890
3/21/2015 18:30	607	0.006	0.014	2900
3/21/2015 18:40	607	0.006	0.014	2910

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/21/2015 18:50	610	0.006	0.014	2920
3/21/2015 19:00	622	0.006	0.014	2930
3/21/2015 19:10	632	0.006	0.014	2940
3/21/2015 19:20	631	0.006	0.014	2950
3/21/2015 19:30	622	0.006	0.014	2960
3/21/2015 19:40	615	0.006	0.014	2970
3/21/2015 19:50	612	0.006	0.014	2980
3/21/2015 20:00	602	0.006	0.014	2990
3/21/2015 20:10	592	0.006	0.014	3000
3/21/2015 20:20	589	0.006	0.014	3010
3/21/2015 20:30	595	0.006	0.014	3020
3/21/2015 20:40	602	0.006	0.014	3030
3/21/2015 20:50	608	0.006	0.014	3040
3/21/2015 21:00	598	0.006	0.014	3050
3/21/2015 21:10	590	0.006	0.014	3060
3/21/2015 21:20	587	0.006	0.014	3070
3/21/2015 21:30	585	0.006	0.014	3080
3/21/2015 21:40	585	0.006	0.014	3090
3/21/2015 21:50	585	0.006	0.014	3100
3/21/2015 22:00	585	0.006	0.014	3110
3/21/2015 22:10	585	0.006	0.014	3120
3/21/2015 22:20	585	0.006	0.014	3130
3/21/2015 22:30	585	0.006	0.014	3140
3/21/2015 22:40	585	0.006	0.014	3150
3/21/2015 22:50	585	0.006	0.014	3160
3/21/2015 23:00	585	0.006	0.014	3170
3/21/2015 23:10	587	0.006	0.014	3180
3/21/2015 23:20	587	0.006	0.014	3190
3/21/2015 23:30	584	0.006	0.014	3200
3/21/2015 23:40	586	0.006	0.014	3210
3/21/2015 23:50	585	0.006	0.014	3220
3/22/2015 00:00	585	0.006	0.014	3230
3/22/2015 00:10	585	0.006	0.014	3240
3/22/2015 00:20	585	0.006	0.014	3250
3/22/2015 00:30	585	0.006	0.014	3260
3/22/2015 00:40	585	0.006	0.014	3270
3/22/2015 00:50	585	0.006	0.014	3280
3/22/2015 01:00	585	0.006	0.014	3290

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 01:10	585	0.006	0.014	3300
3/22/2015 01:20	585	0.006	0.014	3310
3/22/2015 01:30	585	0.006	0.014	3320
3/22/2015 01:40	585	0.006	0.014	3330
3/22/2015 01:50	585	0.006	0.014	3340
3/22/2015 02:00	585	0.006	0.014	3350
3/22/2015 02:10	585	0.006	0.014	3360
3/22/2015 02:20	585	0.006	0.014	3370
3/22/2015 02:30	585	0.006	0.014	3380
3/22/2015 02:40	585	0.006	0.014	3390
3/22/2015 02:50	584	0.006	0.014	3400
3/22/2015 03:00	585	0.006	0.014	3410
3/22/2015 03:10	585	0.006	0.014	3420
3/22/2015 03:20	588	0.006	0.014	3430
3/22/2015 03:30	598	0.006	0.014	3440
3/22/2015 03:40	607	0.006	0.014	3450
3/22/2015 03:50	614	0.006	0.014	3460
3/22/2015 04:00	623	0.006	0.014	3470
3/22/2015 04:10	629	0.006	0.014	3480
3/22/2015 04:20	631	0.006	0.014	3490
3/22/2015 04:30	627	0.006	0.014	3500
3/22/2015 04:40	623	0.006	0.014	3510
3/22/2015 04:50	622	0.006	0.014	3520
3/22/2015 05:00	614	0.006	0.014	3530
3/22/2015 05:10	617	0.006	0.014	3540
3/22/2015 05:20	617	0.006	0.014	3550
3/22/2015 05:30	622	0.006	0.014	3560
3/22/2015 05:40	622	0.006	0.014	3570
3/22/2015 05:50	623	0.006	0.014	3580
3/22/2015 06:00	624	0.006	0.014	3590
3/22/2015 06:10	624	Invalid Data	Invalid Data	3590
3/22/2015 06:20	624	Invalid Data	Invalid Data	3590
3/22/2015 06:30	621	Invalid Data	Invalid Data	3590
3/22/2015 06:40	622	Invalid Data	Invalid Data	3590
3/22/2015 06:50	622	Invalid Data	Invalid Data	3590
3/22/2015 07:00	615	Invalid Data	Invalid Data	3590
3/22/2015 07:10	616	0.006	0.014	3600
3/22/2015 07:20	631	0.006	0.014	3610

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 07:30	640	0.006	0.014	3620
3/22/2015 07:40	648	0.006	0.014	3630
3/22/2015 07:50	650	0.006	0.014	3640
3/22/2015 08:00	657	0.006	0.014	3650
3/22/2015 08:10	643	0.006	0.014	3660
3/22/2015 08:20	645	0.006	0.014	3670
3/22/2015 08:30	652	0.006	0.014	3680
3/22/2015 08:40	661	0.006	0.014	3690
3/22/2015 08:50	665	0.006	0.014	3700
3/22/2015 09:00	670	0.006	0.014	3710
3/22/2015 09:10	660	0.006	0.014	3720
3/22/2015 09:20	657	0.006	0.014	3730
3/22/2015 09:30	656	0.006	0.014	3740
3/22/2015 09:40	656	0.006	0.014	3750
3/22/2015 09:50	653	0.006	0.014	3760
3/22/2015 10:00	645	0.006	0.014	3770
3/22/2015 10:10	638	0.006	0.014	3780
3/22/2015 10:20	655	0.006	0.014	3790
3/22/2015 10:30	656	0.006	0.014	3800
3/22/2015 10:40	655	0.006	0.014	3810
3/22/2015 10:50	652	0.006	0.014	3820
3/22/2015 11:00	650	0.006	0.014	3830
3/22/2015 11:10	648	0.006	0.014	3840
3/22/2015 11:20	648	0.006	0.014	3850
3/22/2015 11:30	656	0.006	0.014	3860
3/22/2015 11:40	668	0.006	0.014	3870
3/22/2015 11:50	660	0.006	0.014	3880
3/22/2015 12:00	658	0.006	0.014	3890
3/22/2015 12:10	664	0.006	0.014	3900
3/22/2015 12:20	660	0.006	0.014	3910
3/22/2015 12:30	661	0.006	0.014	3920
3/22/2015 12:40	672	0.006	0.014	3930
3/22/2015 12:50	665	0.006	0.014	3940
3/22/2015 13:00	667	0.006	0.014	3950
3/22/2015 13:10	674	0.006	0.014	3960
3/22/2015 13:20	673	0.006	0.014	3970
3/22/2015 13:30	669	0.006	0.014	3980
3/22/2015 13:40	663	0.006	0.014	3990

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 13:50	653	0.006	0.014	4000
3/22/2015 14:00	652	0.006	0.014	4010
3/22/2015 14:10	643	0.006	0.014	4020
3/22/2015 14:20	633	0.006	0.014	4030
3/22/2015 14:30	640	0.006	0.014	4040
3/22/2015 14:40	646	0.006	0.014	4050
3/22/2015 14:50	646	0.006	0.014	4060
3/22/2015 15:00	639	0.006	0.014	4070
3/22/2015 15:10	645	0.006	0.014	4080
3/22/2015 15:20	659	0.006	0.014	4090
3/22/2015 15:30	664	0.006	0.014	4100
3/22/2015 15:40	662	0.006	0.014	4110
3/22/2015 15:50	671	0.006	0.014	4120
3/22/2015 16:00	674	0.006	0.014	4130
3/22/2015 16:10	675	0.006	0.014	4140
3/22/2015 16:20	676	0.006	0.014	4150
3/22/2015 16:30	681	0.006	0.014	4160
3/22/2015 16:40	677	0.006	0.014	4170
3/22/2015 16:50	673	0.006	0.014	4180
3/22/2015 17:00	667	0.006	0.014	4190
3/22/2015 17:10	659	0.006	0.014	4200
3/22/2015 17:20	661	0.006	0.014	4210
3/22/2015 17:30	667	0.006	0.014	4220
3/22/2015 17:40	653	0.006	0.014	4230
3/22/2015 17:50	658	0.006	0.014	4240
3/22/2015 18:00	651	0.006	0.014	4250
3/22/2015 18:10	649	0.006	0.014	4260
3/22/2015 18:20	651	0.006	0.014	4270
3/22/2015 18:30	652	0.006	0.014	4280
3/22/2015 18:40	660	0.006	0.014	4290
3/22/2015 18:50	665	0.006	0.014	4300
3/22/2015 19:00	675	0.006	0.014	4310
3/22/2015 19:10	685	0.006	0.014	4320
3/22/2015 19:20	682	0.006	0.014	4330
3/22/2015 19:30	680	0.006	0.014	4340
3/22/2015 19:40	676	0.006	0.014	4350
3/22/2015 19:50	669	0.006	0.014	4360
3/22/2015 20:00	659	0.006	0.014	4370

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 20:10	648	0.006	0.014	4380
3/22/2015 20:20	644	0.006	0.014	4390
3/22/2015 20:30	623	0.006	0.014	4400
3/22/2015 20:40	607	0.006	0.014	4410
3/22/2015 20:50	603	0.006	0.014	4420
3/22/2015 21:00	597	0.006	0.014	4430
3/22/2015 21:10	591	0.006	0.014	4440
3/22/2015 21:20	585	0.006	0.014	4450
3/22/2015 21:30	585	0.006	0.014	4460
3/22/2015 21:40	585	0.006	0.014	4470
3/22/2015 21:50	586	0.006	0.014	4480
3/22/2015 22:00	585	0.006	0.014	4490
3/22/2015 22:10	586	0.006	0.014	4500
3/22/2015 22:20	585	0.006	0.014	4510
3/22/2015 22:30	585	0.006	0.014	4520
3/22/2015 22:40	585	0.006	0.014	4530
3/22/2015 22:50	585	0.006	0.014	4540
3/22/2015 23:00	588	0.006	0.014	4550
3/22/2015 23:10	586	0.006	0.014	4560
3/22/2015 23:20	585	0.006	0.014	4570
3/22/2015 23:30	585	0.006	0.014	4580
3/22/2015 23:40	585	0.006	0.014	4590
3/22/2015 23:50	585	0.006	0.014	4600
3/23/2015 00:00	584	0.006	0.014	4610
3/23/2015 00:10	586	0.006	0.014	4620
3/23/2015 00:20	585	0.006	0.014	4630
3/23/2015 00:30	585	0.006	0.014	4640
3/23/2015 00:40	585	0.006	0.014	4650
3/23/2015 00:50	586	0.006	0.014	4660
3/23/2015 01:00	587	0.006	0.014	4670
3/23/2015 01:10	597	0.006	0.014	4680
3/23/2015 01:20	598	0.006	0.014	4690
3/23/2015 01:30	586	0.006	0.014	4700
3/23/2015 01:40	585	0.006	0.014	4710
3/23/2015 01:50	585	0.006	0.014	4720
3/23/2015 02:00	585	0.006	0.014	4730
3/23/2015 02:10	585	0.006	0.014	4740
3/23/2015 02:20	586	0.006	0.014	4750

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/23/2015 02:30	584	0.006	0.014	4760
3/23/2015 02:40	585	0.006	0.014	4770
3/23/2015 02:50	585	0.006	0.014	4780
3/23/2015 03:00	585	0.006	0.014	4790
3/23/2015 03:10	585	0.006	0.014	4800
3/23/2015 03:20	585	0.006	0.014	4810
3/23/2015 03:30	585	0.006	0.014	4820
3/23/2015 03:40	587	0.006	0.014	4830
3/23/2015 03:50	585	0.006	0.014	4840
3/23/2015 04:00	590	0.006	0.014	4850
3/23/2015 04:10	604	0.006	0.014	4860
3/23/2015 04:20	605	0.006	0.014	4870
3/23/2015 04:30	591	0.006	0.014	4880
3/23/2015 04:40	597	0.006	0.014	4890
3/23/2015 04:50	589	0.006	0.014	4900
3/23/2015 05:00	585	0.006	0.014	4910
3/23/2015 05:10	594	0.006	0.014	4920
3/23/2015 05:20	610	0.006	0.014	4930
3/23/2015 05:30	610	0.006	0.014	4940
3/23/2015 05:40	603	0.006	0.014	4950
3/23/2015 05:50	610	0.006	0.014	4960
3/23/2015 06:00	608	0.006	0.014	4970
3/23/2015 06:10	605	0.006	0.014	4980
3/23/2015 06:20	596	0.006	0.014	4990
3/23/2015 06:30	585	0.006	0.014	5000
3/23/2015 06:40	585	0.001	0.002	5010
3/23/2015 06:50	585	0.001	0.002	5020
3/23/2015 07:00	585	0.005	0.011	5030
3/23/2015 07:10	585	0.006	0.014	5040
3/23/2015 07:20	585	0.006	0.014	5050
3/23/2015 07:30	590	0.006	0.014	5060
3/23/2015 07:40	604	0.006	0.014	5070
3/23/2015 07:50	609	0.006	0.014	5080
3/23/2015 08:00	608	0.007	0.015	5090
3/23/2015 08:10	611	0.006	0.014	5100
3/23/2015 08:20	609	0.006	0.014	5110
3/23/2015 08:30	610	0.006	0.014	5120
3/23/2015 08:40	605	0.006	0.014	5130

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/23/2015 08:50	602	0.006	0.014	5140
3/23/2015 09:00	606	0.007	0.015	5150
3/23/2015 09:10	610	0.006	0.014	5160
3/23/2015 09:20	609	0.006	0.014	5170
3/23/2015 09:30	610	0.006	0.014	5180
3/23/2015 09:40	609	0.006	0.014	5190
3/23/2015 09:50	608	0.006	0.014	5200
3/23/2015 10:00	609	0.007	0.015	5210
3/23/2015 10:10	609	0.006	0.014	5220
3/23/2015 10:20	599	0.006	0.014	5230
3/23/2015 10:30	599	0.006	0.014	5240
3/23/2015 10:40	599	0.006	0.014	5250
3/23/2015 10:50	599	0.006	0.014	5260
3/23/2015 11:00	600	0.007	0.015	5270
3/23/2015 11:10	610	0.006	0.014	5280
3/23/2015 11:20	610	0.006	0.014	5290
3/23/2015 11:30	610	0.006	0.014	5300
3/23/2015 11:40	610	0.006	0.014	5310
3/23/2015 11:50	609	0.006	0.014	5320
3/23/2015 12:00	607	0.007	0.015	5330
3/23/2015 12:10	608	0.006	0.014	5340
3/23/2015 12:20	610	0.006	0.014	5350
3/23/2015 12:30	610	0.006	0.014	5360
3/23/2015 12:40	610	0.006	0.014	5370
3/23/2015 12:50	609	0.006	0.014	5380
3/23/2015 13:00	607	0.007	0.015	5390
3/23/2015 13:10	603	0.006	0.014	5400
3/23/2015 13:20	605	0.006	0.014	5410
3/23/2015 13:30	603	0.006	0.014	5420
3/23/2015 13:40	600	0.006	0.014	5430
3/23/2015 13:50	601	0.006	0.014	5440
3/23/2015 14:00	600	0.006	0.014	5450
3/23/2015 14:10	593	0.006	0.014	5460
3/23/2015 14:20	586	0.006	0.014	5470
3/23/2015 14:30	592	0.006	0.014	5480
3/23/2015 14:40	596	0.006	0.014	5490
3/23/2015 14:50	599	0.006	0.014	5500
3/23/2015 15:00	607	0.006	0.014	5510

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/23/2015 15:10	610	0.006	0.014	5520
3/23/2015 15:20	628	0.006	0.014	5530
3/23/2015 15:30	636	0.006	0.014	5540
3/23/2015 15:40	644	0.006	0.014	5550
3/23/2015 15:50	653	0.006	0.014	5560
3/23/2015 16:00	657	0.006	0.014	5570
3/23/2015 16:10	663	0.006	0.014	5580
3/23/2015 16:20	649	0.007	0.017	5590
3/23/2015 16:30	642	0.006	0.014	5600
3/23/2015 16:40	637	0.006	0.014	5610
3/23/2015 16:50	637	0.006	0.014	5620
3/23/2015 17:00	629	0.006	0.014	5630
3/23/2015 17:10	617	0.006	0.014	5640
3/23/2015 17:20	618	0.006	0.014	5650
3/23/2015 17:30	619	0.006	0.014	5660
3/23/2015 17:40	621	0.006	0.014	5670
3/23/2015 17:50	624	0.006	0.014	5680
3/23/2015 18:00	620	0.006	0.014	5690
3/23/2015 18:10	598	0.006	0.014	5700
3/23/2015 18:20	591	0.006	0.014	5710
3/23/2015 18:30	602	0.006	0.014	5720
3/23/2015 18:40	602	0.006	0.014	5730
3/23/2015 18:50	606	0.006	0.014	5740
3/23/2015 19:00	625	0.006	0.014	5750
3/23/2015 19:10	636	0.006	0.014	5760
3/23/2015 19:20	631	0.006	0.014	5770
3/23/2015 19:30	631	0.006	0.014	5780
3/23/2015 19:40	624	0.006	0.014	5790
3/23/2015 19:50	612	0.006	0.014	5800
3/23/2015 20:00	607	0.006	0.014	5810
3/23/2015 20:10	590	0.006	0.014	5820
3/23/2015 20:20	588	0.006	0.014	5830
3/23/2015 20:30	585	0.006	0.014	5840
3/23/2015 20:40	585	0.006	0.014	5850
3/23/2015 20:50	585	0.006	0.014	5860
3/23/2015 21:00	585	0.006	0.014	5870
3/23/2015 21:10	585	0.006	0.014	5880
3/23/2015 21:20	585	0.006	0.014	5890

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/23/2015 21:30	585	0.006	0.014	5900
3/23/2015 21:40	585	0.006	0.014	5910
3/23/2015 21:50	585	0.006	0.014	5920
3/23/2015 22:00	585	0.006	0.014	5930
3/23/2015 22:10	585	0.006	0.014	5940
3/23/2015 22:20	585	0.006	0.014	5950
3/23/2015 22:30	587	0.006	0.014	5960
3/23/2015 22:40	586	0.006	0.014	5970
3/23/2015 22:50	586	0.006	0.014	5980
3/23/2015 23:00	585	0.006	0.014	5990
3/23/2015 23:10	593	0.006	0.014	6000
3/23/2015 23:20	599	0.006	0.014	6010
3/23/2015 23:30	599	0.006	0.014	6020
3/23/2015 23:40	600	0.006	0.014	6030
3/23/2015 23:50	592	0.006	0.014	6040
3/24/2015 00:00	585	0.006	0.014	6050
3/24/2015 00:10	586	0.006	0.014	6060
3/24/2015 00:20	586	0.006	0.014	6070
3/24/2015 00:30	586	0.006	0.014	6080
3/24/2015 00:40	585	0.006	0.014	6090
3/24/2015 00:50	586	0.006	0.014	6100
3/24/2015 01:00	586	0.006	0.014	6110
3/24/2015 01:10	586	0.006	0.014	6120
3/24/2015 01:20	587	0.006	0.014	6130
3/24/2015 01:30	585	0.006	0.014	6140
3/24/2015 01:40	586	0.006	0.014	6150
3/24/2015 01:50	587	0.006	0.014	6160
3/24/2015 02:00	586	0.006	0.014	6170
3/24/2015 02:10	585	0.006	0.014	6180
3/24/2015 02:20	586	0.006	0.014	6190
3/24/2015 02:30	586	0.006	0.014	6200
3/24/2015 02:40	585	0.006	0.014	6210
3/24/2015 02:50	585	0.006	0.014	6220
3/24/2015 03:00	585	0.006	0.014	6230
3/24/2015 03:10	585	0.006	0.014	6240
3/24/2015 03:20	585	0.006	0.014	6250
3/24/2015 03:30	588	0.006	0.014	6260
3/24/2015 03:40	593	0.006	0.014	6270

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/24/2015 03:50	587	0.006	0.014	6280
3/24/2015 04:00	587	0.006	0.014	6290
3/24/2015 04:10	586	0.006	0.014	6300
3/24/2015 04:20	597	0.006	0.014	6310
3/24/2015 04:30	616	0.006	0.014	6320
3/24/2015 04:40	627	0.006	0.014	6330
3/24/2015 04:50	632	0.006	0.014	6340
3/24/2015 05:00	635	0.006	0.014	6350
3/24/2015 05:10	626	0.006	0.014	6360
3/24/2015 05:20	643	0.006	0.014	6370
3/24/2015 05:30	643	0.006	0.014	6380
3/24/2015 05:40	646	0.006	0.014	6390
3/24/2015 05:50	657	0.006	0.014	6400
3/24/2015 06:00	663	0.006	0.014	6410
3/24/2015 06:10	664	0.006	0.014	6420
3/24/2015 06:20	662	0.006	0.014	6430
3/24/2015 06:30	660	0.006	0.014	6440
3/24/2015 06:40	660	Invalid Data	Invalid Data	6440
3/24/2015 06:50	658	Invalid Data	Invalid Data	6440
3/24/2015 07:00	661	Invalid Data	Invalid Data	6440
3/24/2015 07:10	674	0.006	0.014	6450
3/24/2015 07:20	670	0.006	0.014	6460
3/24/2015 07:30	670	0.006	0.014	6470
3/24/2015 07:40	657	0.006	0.014	6480
3/24/2015 07:50	648	0.006	0.014	6490
3/24/2015 08:00	664	0.006	0.014	6500
3/24/2015 08:10	669	0.006	0.014	6510
3/24/2015 08:20	683	0.006	0.014	6520
3/24/2015 08:30	689	0.006	0.014	6530
3/24/2015 08:40	669	0.006	0.014	6540
3/24/2015 08:50	672	0.006	0.014	6550
3/24/2015 09:00	668	0.006	0.014	6560
3/24/2015 09:10	655	0.006	0.014	6570
3/24/2015 09:20	636	0.006	0.014	6580
3/24/2015 09:30	627	0.006	0.014	6590
3/24/2015 09:40	622	0.006	0.014	6600
3/24/2015 09:50	626	0.006	0.014	6610
3/24/2015 10:00	623	0.006	0.014	6620

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/24/2015 10:10	629	0.006	0.014	6630
3/24/2015 10:20	637	0.006	0.014	6640
3/24/2015 10:30	642	0.006	0.014	6650
3/24/2015 10:40	646	0.006	0.014	6660
3/24/2015 10:50	652	0.006	0.014	6670
3/24/2015 11:00	653	0.006	0.014	6680
3/24/2015 11:10	650	0.006	0.014	6690
3/24/2015 11:20	647	0.006	0.014	6700
3/24/2015 11:30	647	0.006	0.014	6710
3/24/2015 11:40	642	0.006	0.014	6720
3/24/2015 11:50	634	0.006	0.014	6730
3/24/2015 12:00	631	0.006	0.014	6740
3/24/2015 12:10	641	0.006	0.014	6750
3/24/2015 12:20	656	0.006	0.014	6760
3/24/2015 12:30	667	0.006	0.014	6770
3/24/2015 12:40	660	0.006	0.014	6780
3/24/2015 12:50	666	0.006	0.014	6790
3/24/2015 13:00	674	0.006	0.014	6800
3/24/2015 13:10	688	0.006	0.014	6810
3/24/2015 13:20	690	0.006	0.014	6820
3/24/2015 13:30	687	0.006	0.014	6830
3/24/2015 13:40	671	0.006	0.014	6840
3/24/2015 13:50	673	0.006	0.014	6850
3/24/2015 14:00	681	0.006	0.014	6860
3/24/2015 14:10	686	0.006	0.014	6870
3/24/2015 14:20	691	0.006	0.014	6880
3/24/2015 14:30	695	0.006	0.014	6890
3/24/2015 14:40	687	0.006	0.014	6900
3/24/2015 14:50	692	0.006	0.014	6910
3/24/2015 15:00	686	0.006	0.014	6920
3/24/2015 15:10	676	0.006	0.014	6930
3/24/2015 15:20	681	0.006	0.014	6940
3/24/2015 15:30	688	0.006	0.014	6950
3/24/2015 15:40	684	0.006	0.014	6960
3/24/2015 15:50	690	0.006	0.014	6970
3/24/2015 16:00	687	0.006	0.014	6980
3/24/2015 16:10	681	0.006	0.014	6990
3/24/2015 16:20	696	0.006	0.014	7000

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	PM_{10} - 120 hr
		PM_{10F} Limit, lb/MMBtu	0.014
		PM_{10T} Limit, lb/MMBtu	0.023
		Min. Load, MW	572
		Target, minutes	7200

120 - Hr PM_{10} Filterable and Total Test

10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM_{10F} (Filterable)	PM_{10T} (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/24/2015 16:30	697	0.006	0.014	7010
3/24/2015 16:40	697	0.006	0.014	7020
3/24/2015 16:50	696	0.006	0.014	7030
3/24/2015 17:00	696	0.006	0.014	7040
3/24/2015 17:10	696	0.006	0.014	7050
3/24/2015 17:20	693	0.006	0.014	7060
3/24/2015 17:30	688	0.006	0.014	7070
3/24/2015 17:40	688	0.006	0.014	7080
3/24/2015 17:50	694	0.006	0.014	7090
3/24/2015 18:00	691	0.006	0.014	7100
3/24/2015 18:10	673	0.006	0.014	7110
3/24/2015 18:20	679	0.006	0.014	7120
3/24/2015 18:30	685	0.006	0.014	7130
3/24/2015 18:40	689	0.006	0.014	7140
3/24/2015 18:50	692	0.006	0.014	7150
3/24/2015 19:00	697	0.006	0.014	7160
3/24/2015 19:10	696	0.006	0.014	7170
3/24/2015 19:20	695	0.006	0.014	7180
3/24/2015 19:30	697	0.006	0.014	7190
3/24/2015 19:40	695	0.006	0.014	7200
3/24/2015 19:50	689	0.006	0.014	7210
3/24/2015 20:00	682	0.006	0.014	7220
3/24/2015 20:10	681	0.006	0.014	7230
3/24/2015 20:20	685	0.006	0.014	7240

	Load MWe	PM_{10} Filt - 120 hr Lb/MBtu	PM_{10} Total - 120 hr Lb/MBtu
Average Values	639	0.006	0.013
Maximum Values	701	0.007	0.017
Minimum Value	584	0.001	0.002
Minimum Target	572		
Maximum Target		0.014	0.023

Attachment I. 4-Hour SO_2 Test Results

Unit 2

Facility Name:	LA CYGNE STATION	**State**	**Missouri**
Location:	25166 E. 2200 Rd., La Cygne, KS 66040	**TEST**	SO2 - 4 hr
		Emission Limit, lb/MMBtu	0.055
		Min. Load, MW	665
		Target, minutes	7200

4 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/26/2015 08:30	607	0.007	0
2/26/2015 08:40	626	0.007	0
2/26/2015 08:50	646	0.007	0
2/26/2015 09:00	671	0.007	10
2/26/2015 09:10	683	0.008	20
2/26/2015 09:20	680	0.008	30
2/26/2015 09:30	681	0.008	40
2/26/2015 09:40	680	0.008	50
2/26/2015 09:50	680	0.008	60
2/26/2015 10:00	680	0.015	70
2/26/2015 10:10	680	0.018	80
2/26/2015 10:20	680	0.018	90
2/26/2015 10:30	680	0.018	100
2/26/2015 10:40	680	0.018	110
2/26/2015 10:50	680	0.018	120
2/26/2015 11:00	680	0.017	130
2/26/2015 11:10	680	0.017	140
2/26/2015 11:20	680	0.017	150
2/26/2015 11:30	680	0.017	160
2/26/2015 11:40	680	0.018	170
2/26/2015 11:50	680	0.017	180
2/26/2015 12:00	680	0.015	190
2/26/2015 12:10	680	0.013	200
2/26/2015 12:20	680	0.014	210
2/26/2015 12:30	680	0.014	220
2/26/2015 12:40	680	0.014	230
2/26/2015 12:50	680	0.014	240
2/26/2015 13:00	680	0.014	250
2/26/2015 13:10	680	0.014	260
2/26/2015 13:20	680	0.014	270
2/26/2015 13:30	680	0.014	280
2/26/2015 13:40	680	0.014	290

	Load MWe	SO2 -4 hr Lb/MBtu
Average Values	680	0.014
Maximum Values	683	0.018
Minimum Value	671	0.007
Minimum Target	665	
Maximum Target		0.055

Attachment J. 72-Hour SO_2 Test Results

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/26/2015 12:10	680	0.013	4 - Hour Test
2/26/2015 12:20	680	0.014	4 - Hour Test
2/26/2015 12:30	680	0.014	4 - Hour Test
2/26/2015 12:40	680	0.014	4 - Hour Test
2/26/2015 12:50	680	0.014	4 - Hour Test
2/26/2015 13:00	680	0.014	0
2/26/2015 13:10	680	0.014	10
2/26/2015 13:20	680	0.014	20
2/26/2015 13:30	680	0.014	30
2/26/2015 13:40	680	0.014	40
2/26/2015 13:50	680	0.014	50
2/26/2015 14:00	680	0.014	60
2/26/2015 14:10	680	0.013	70
2/26/2015 14:20	680	0.013	80
2/26/2015 14:30	680	0.013	90
2/26/2015 14:40	680	0.014	100
2/26/2015 14:50	680	0.013	110
2/26/2015 15:00	680	0.013	120
2/26/2015 15:10	680	0.012	130
2/26/2015 15:20	680	0.013	140
2/26/2015 15:30	680	0.013	150
2/26/2015 15:40	680	0.013	160
2/26/2015 15:50	680	0.012	170
2/26/2015 16:00	680	0.012	180
2/26/2015 16:10	680	0.012	190
2/26/2015 16:20	680	0.013	200
2/26/2015 16:30	680	0.016	210
2/26/2015 16:40	680	0.016	220
2/26/2015 16:50	680	0.016	230
2/26/2015 17:00	680	0.016	240
2/26/2015 17:10	680	0.015	250
2/26/2015 17:20	679	0.016	260
2/26/2015 17:30	680	0.016	270
2/26/2015 17:40	680	0.016	280
2/26/2015 17:50	680	0.016	290
2/26/2015 18:00	680	0.016	300
2/26/2015 18:10	680	0.016	310
2/26/2015 18:20	680	0.016	320
2/26/2015 18:30	679	0.017	330
2/26/2015 18:40	680	0.017	340
2/26/2015 18:50	680	0.017	350
2/26/2015 19:00	680	0.016	360
2/26/2015 19:10	680	0.016	370

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/26/2015 19:20	680	0.017	380
2/26/2015 19:30	680	0.017	390
2/26/2015 19:40	680	0.017	400
2/26/2015 19:50	680	0.017	410
2/26/2015 20:00	680	0.017	420
2/26/2015 20:10	681	0.017	430
2/26/2015 20:20	680	0.017	440
2/26/2015 20:30	680	0.017	450
2/26/2015 20:40	680	0.017	460
2/26/2015 20:50	680	0.017	470
2/26/2015 21:00	680	0.017	480
2/26/2015 21:10	680	0.017	490
2/26/2015 21:20	680	0.017	500
2/26/2015 21:30	680	0.018	510
2/26/2015 21:40	680	0.018	520
2/26/2015 21:50	680	0.017	530
2/26/2015 22:00	680	0.018	540
2/26/2015 22:10	680	0.017	550
2/26/2015 22:20	680	0.018	560
2/26/2015 22:30	681	0.019	570
2/26/2015 22:40	679	0.019	580
2/26/2015 22:50	680	0.018	590
2/26/2015 23:00	680	0.018	600
2/26/2015 23:10	680	0.018	610
2/26/2015 23:20	680	0.019	620
2/26/2015 23:30	680	0.019	630
2/26/2015 23:40	680	0.019	640
2/26/2015 23:50	680	0.019	650
2/27/2015 00:00	680	0.019	660
2/27/2015 00:10	680	0.018	670
2/27/2015 00:20	680	0.020	680
2/27/2015 00:30	680	0.019	690
2/27/2015 00:40	680	0.019	700
2/27/2015 00:50	680	0.019	710
2/27/2015 01:00	680	0.019	720
2/27/2015 01:10	680	0.019	730
2/27/2015 01:20	680	0.019	740
2/27/2015 01:30	680	0.019	750
2/27/2015 01:40	680	0.019	760
2/27/2015 01:50	680	0.019	770
2/27/2015 02:00	680	0.019	780
2/27/2015 02:10	680	0.018	790
2/27/2015 02:20	680	0.019	800
2/27/2015 02:30	680	0.019	810

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/27/2015 02:40	680	0.019	820
2/27/2015 02:50	680	0.019	830
2/27/2015 03:00	680	0.019	840
2/27/2015 03:10	680	0.019	850
2/27/2015 03:20	680	0.020	860
2/27/2015 03:30	680	0.021	870
2/27/2015 03:40	680	0.020	880
2/27/2015 03:50	680	0.021	890
2/27/2015 04:00	680	0.021	900
2/27/2015 04:10	680	0.021	910
2/27/2015 04:20	680	0.022	920
2/27/2015 04:30	680	0.022	930
2/27/2015 04:40	680	0.021	940
2/27/2015 04:50	680	0.021	950
2/27/2015 05:00	680	0.021	960
2/27/2015 05:10	680	0.021	970
2/27/2015 05:20	681	0.022	980
2/27/2015 05:30	680	0.022	990
2/27/2015 05:40	680	0.022	1000
2/27/2015 05:50	679	0.022	1010
2/27/2015 06:00	681	0.022	1020
2/27/2015 06:10	679	0.022	1030
2/27/2015 06:20	680	0.022	1040
2/27/2015 06:30	680	0.023	1050
2/27/2015 06:40	680	0.022	1060
2/27/2015 06:50	680	0.022	1070
2/27/2015 07:00	680	0.022	1080
2/27/2015 07:10	680	0.022	1090
2/27/2015 07:20	680	0.023	1100
2/27/2015 07:30	680	0.023	1110
2/27/2015 07:40	680	Invalid Data	1110
2/27/2015 07:50	680	Invalid Data	1110
2/27/2015 08:00	680	Invalid Data	1110
2/27/2015 08:10	680	0.026	1120
2/27/2015 08:20	680	0.025	1130
2/27/2015 08:30	680	0.025	1140
2/27/2015 08:40	680	0.024	1150
2/27/2015 08:50	681	0.024	1160
2/27/2015 09:00	691	0.024	1170
2/27/2015 09:10	696	0.026	1180
2/27/2015 09:20	694	0.026	1190
2/27/2015 09:30	696	0.026	1200
2/27/2015 09:40	694	0.024	1210
2/27/2015 09:50	696	0.024	1220

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/27/2015 10:00	695	0.023	1230
2/27/2015 10:10	695	0.022	1240
2/27/2015 10:20	698	0.023	1250
2/27/2015 10:30	700	0.023	1260
2/27/2015 10:40	700	0.021	1270
2/27/2015 10:50	700	0.021	1280
2/27/2015 11:00	700	0.021	1290
2/27/2015 11:10	708	0.023	1300
2/27/2015 11:20	715	0.024	1310
2/27/2015 11:30	717	0.024	1320
2/27/2015 11:40	718	0.024	1330
2/27/2015 11:50	716	0.023	1340
2/27/2015 12:00	717	0.024	1350
2/27/2015 12:10	717	Invalid Data	1350
2/27/2015 12:20	717	0.024	1360
2/27/2015 12:30	717	0.025	1370
2/27/2015 12:40	717	0.024	1380
2/27/2015 12:50	717	0.024	1390
2/27/2015 13:00	717	0.024	1400
2/27/2015 13:10	717	0.025	1410
2/27/2015 13:20	717	0.027	1420
2/27/2015 13:30	717	0.028	1430
2/27/2015 13:40	716	0.028	1440
2/27/2015 13:50	717	0.029	1450
2/27/2015 14:00	717	0.028	1460
2/27/2015 14:10	716	0.027	1470
2/27/2015 14:20	717	0.029	1480
2/27/2015 14:30	717	0.029	1490
2/27/2015 14:40	717	0.025	1500
2/27/2015 14:50	717	0.018	1510
2/27/2015 15:00	717	0.006	1520
2/27/2015 15:10	717	0.006	1530
2/27/2015 15:20	717	0.006	1540
2/27/2015 15:30	717	0.006	1550
2/27/2015 15:40	717	0.006	1560
2/27/2015 15:50	717	0.006	1570
2/27/2015 16:00	715	0.007	1580
2/27/2015 16:10	714	0.007	1590
2/27/2015 16:20	714	0.007	1600
2/27/2015 16:30	714	0.008	1610
2/27/2015 16:40	714	0.008	1620
2/27/2015 16:50	714	0.008	1630
2/27/2015 17:00	714	0.008	1640
2/27/2015 17:10	713	0.008	1650

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/27/2015 17:20	715	0.012	1660
2/27/2015 17:30	714	0.013	1670
2/27/2015 17:40	714	0.013	1680
2/27/2015 17:50	714	0.013	1690
2/27/2015 18:00	714	0.014	1700
2/27/2015 18:10	713	0.014	1710
2/27/2015 18:20	713	0.015	1720
2/27/2015 18:30	713	0.015	1730
2/27/2015 18:40	713	0.015	1740
2/27/2015 18:50	709	0.015	1750
2/27/2015 19:00	700	0.015	1760
2/27/2015 19:10	700	0.015	1770
2/27/2015 19:20	700	0.016	1780
2/27/2015 19:30	700	0.016	1790
2/27/2015 19:40	701	0.016	1800
2/27/2015 19:50	700	0.016	1810
2/27/2015 20:00	700	0.016	1820
2/27/2015 20:10	700	0.016	1830
2/27/2015 20:20	699	0.017	1840
2/27/2015 20:30	701	0.016	1850
2/27/2015 20:40	700	0.015	1860
2/27/2015 20:50	700	0.015	1870
2/27/2015 21:00	700	0.014	1880
2/27/2015 21:10	700	0.013	1890
2/27/2015 21:20	700	0.014	1900
2/27/2015 21:30	700	0.014	1910
2/27/2015 21:40	700	0.013	1920
2/27/2015 21:50	700	0.013	1930
2/27/2015 22:00	701	0.013	1940
2/27/2015 22:10	699	0.013	1950
2/27/2015 22:20	700	0.013	1960
2/27/2015 22:30	700	0.013	1970
2/27/2015 22:40	700	0.013	1980
2/27/2015 22:50	700	0.012	1990
2/27/2015 23:00	700	0.012	2000
2/27/2015 23:10	701	0.013	2010
2/27/2015 23:20	700	0.013	2020
2/27/2015 23:30	700	0.013	2030
2/27/2015 23:40	700	0.013	2040
2/27/2015 23:50	700	0.013	2050
2/28/2015 00:00	700	0.013	2060
2/28/2015 00:10	700	0.012	2070
2/28/2015 00:20	700	0.013	2080
2/28/2015 00:30	700	0.013	2090

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/28/2015 00:40	700	0.013	2100
2/28/2015 00:50	700	0.013	2110
2/28/2015 01:00	700	0.012	2120
2/28/2015 01:10	700	0.013	2130
2/28/2015 01:20	700	0.013	2140
2/28/2015 01:30	670	0.013	2150
2/28/2015 01:40	626	0.011	2160
2/28/2015 01:50	621	0.010	2170
2/28/2015 02:00	615	0.010	2180
2/28/2015 02:10	615	0.010	2190
2/28/2015 02:20	615	0.010	2200
2/28/2015 02:30	615	0.010	2210
2/28/2015 02:40	614	0.010	2220
2/28/2015 02:50	615	0.010	2230
2/28/2015 03:00	615	0.010	2240
2/28/2015 03:10	614	0.010	2250
2/28/2015 03:20	615	0.011	2260
2/28/2015 03:30	617	0.011	2270
2/28/2015 03:40	639	0.011	2280
2/28/2015 03:50	658	0.012	2290
2/28/2015 04:00	672	0.013	2300
2/28/2015 04:10	671	0.012	2310
2/28/2015 04:20	699	0.014	2320
2/28/2015 04:30	701	0.014	2330
2/28/2015 04:40	700	0.014	2340
2/28/2015 04:50	699	0.014	2350
2/28/2015 05:00	701	0.014	2360
2/28/2015 05:10	700	0.014	2370
2/28/2015 05:20	700	0.014	2380
2/28/2015 05:30	700	0.014	2390
2/28/2015 05:40	701	0.014	2400
2/28/2015 05:50	700	0.014	2410
2/28/2015 06:00	700	0.014	2420
2/28/2015 06:10	700	0.014	2430
2/28/2015 06:20	700	0.014	2440
2/28/2015 06:30	700	0.014	2450
2/28/2015 06:40	700	0.014	2460
2/28/2015 06:50	700	0.013	2470
2/28/2015 07:00	700	0.014	2480
2/28/2015 07:10	699	0.014	2490
2/28/2015 07:20	700	0.014	2500
2/28/2015 07:30	700	0.014	2510
2/28/2015 07:40	700	Invalid Data	2510
2/28/2015 07:50	700	Invalid Data	2510

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/28/2015 08:00	700	Invalid Data	2510
2/28/2015 08:10	700	0.018	2520
2/28/2015 08:20	700	0.016	2530
2/28/2015 08:30	700	0.016	2540
2/28/2015 08:40	700	Invalid Data	2540
2/28/2015 08:50	701	0.019	2550
2/28/2015 09:00	700	0.016	2560
2/28/2015 09:10	699	0.014	2570
2/28/2015 09:20	701	0.012	2580
2/28/2015 09:30	699	0.011	2590
2/28/2015 09:40	700	0.011	2600
2/28/2015 09:50	700	0.011	2610
2/28/2015 10:00	700	0.010	2620
2/28/2015 10:10	700	0.011	2630
2/28/2015 10:20	699	0.011	2640
2/28/2015 10:30	700	0.011	2650
2/28/2015 10:40	700	0.011	2660
2/28/2015 10:50	700	0.010	2670
2/28/2015 11:00	701	0.010	2680
2/28/2015 11:10	699	0.011	2690
2/28/2015 11:20	700	0.011	2700
2/28/2015 11:30	700	Invalid Data	2700
2/28/2015 11:40	700	0.026	2710
2/28/2015 11:50	700	0.017	2720
2/28/2015 12:00	700	0.013	2730
2/28/2015 12:10	700	0.012	2740
2/28/2015 12:20	700	0.012	2750
2/28/2015 12:30	699	Invalid Data	2750
2/28/2015 12:40	701	Invalid Data	2750
2/28/2015 12:50	699	Invalid Data	2750
2/28/2015 13:00	701	0.014	2760
2/28/2015 13:10	700	0.012	2770
2/28/2015 13:20	700	0.012	2780
2/28/2015 13:30	700	0.011	2790
2/28/2015 13:40	696	0.011	2800
2/28/2015 13:50	690	0.010	2810
2/28/2015 14:00	690	0.010	2820
2/28/2015 14:10	690	0.011	2830
2/28/2015 14:20	690	0.010	2840
2/28/2015 14:30	682	0.020	2850
2/28/2015 14:40	679	0.028	2860
2/28/2015 14:50	680	0.028	2870
2/28/2015 15:00	680	0.027	2880
2/28/2015 15:10	680	0.027	2890

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/28/2015 15:20	680	0.027	2900
2/28/2015 15:30	680	0.026	2910
2/28/2015 15:40	680	0.026	2920
2/28/2015 15:50	680	0.026	2930
2/28/2015 16:00	680	0.026	2940
2/28/2015 16:10	680	0.025	2950
2/28/2015 16:20	681	0.025	2960
2/28/2015 16:30	680	0.025	2970
2/28/2015 16:40	680	0.026	2980
2/28/2015 16:50	680	0.025	2990
2/28/2015 17:00	680	0.026	3000
2/28/2015 17:10	681	0.026	3010
2/28/2015 17:20	680	0.027	3020
2/28/2015 17:30	680	0.029	3030
2/28/2015 17:40	680	0.030	3040
2/28/2015 17:50	680	0.030	3050
2/28/2015 18:00	680	0.034	3060
2/28/2015 18:10	680	0.035	3070
2/28/2015 18:20	681	0.037	3080
2/28/2015 18:30	679	0.036	3090
2/28/2015 18:40	681	0.036	3100
2/28/2015 18:50	680	0.034	3110
2/28/2015 19:00	678	0.034	3120
2/28/2015 19:10	678	0.036	3130
2/28/2015 19:20	669	0.032	3140
2/28/2015 19:30	666	0.032	3150
2/28/2015 19:40	666	0.032	3160
2/28/2015 19:50	665	0.030	3170
2/28/2015 20:00	665	0.032	3180
2/28/2015 20:10	665	0.032	3190
2/28/2015 20:20	665	0.031	3200
2/28/2015 20:30	665	0.030	3210
2/28/2015 20:40	665	0.029	3220
2/28/2015 20:50	665	0.029	3230
2/28/2015 21:00	665	0.032	3240
2/28/2015 21:10	666	0.033	3250
2/28/2015 21:20	664	0.033	3260
2/28/2015 21:30	666	0.034	3270
2/28/2015 21:40	665	0.034	3280
2/28/2015 21:50	665	0.034	3290
2/28/2015 22:00	665	0.035	3300
2/28/2015 22:10	666	0.035	3310
2/28/2015 22:20	665	0.035	3320
2/28/2015 22:30	664	0.035	3330

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/28/2015 22:40	665	0.036	3340
2/28/2015 22:50	666	0.035	3350
2/28/2015 23:00	665	0.036	3360
2/28/2015 23:10	665	0.037	3370
2/28/2015 23:20	665	0.037	3380
2/28/2015 23:30	665	0.036	3390
2/28/2015 23:40	665	0.036	3400
2/28/2015 23:50	665	0.035	3410
3/1/2015 00:00	665	0.035	3420
3/1/2015 00:10	665	0.035	3430
3/1/2015 00:20	665	0.034	3440
3/1/2015 00:30	665	0.033	3450
3/1/2015 00:40	665	0.034	3460
3/1/2015 00:50	665	0.033	3470
3/1/2015 01:00	664	0.032	3480
3/1/2015 01:10	666	0.032	3490
3/1/2015 01:20	665	0.031	3500
3/1/2015 01:30	665	0.031	3510
3/1/2015 01:40	664	0.031	3520
3/1/2015 01:50	667	0.032	3530
3/1/2015 02:00	665	0.033	3540
3/1/2015 02:10	665	0.034	3550
3/1/2015 02:20	666	0.033	3560
3/1/2015 02:30	665	0.032	3570
3/1/2015 02:40	665	0.032	3580
3/1/2015 02:50	665	0.031	3590
3/1/2015 03:00	664	0.033	3600
3/1/2015 03:10	665	0.033	3610
3/1/2015 03:20	666	0.032	3620
3/1/2015 03:30	665	0.031	3630
3/1/2015 03:40	666	0.032	3640
3/1/2015 03:50	665	0.031	3650
3/1/2015 04:00	665	0.033	3660
3/1/2015 04:10	665	0.033	3670
3/1/2015 04:20	665	0.033	3680
3/1/2015 04:30	665	0.032	3690
3/1/2015 04:40	664	0.032	3700
3/1/2015 04:50	666	0.033	3710
3/1/2015 05:00	665	0.034	3720
3/1/2015 05:10	665	0.033	3730
3/1/2015 05:20	664	0.033	3740
3/1/2015 05:30	666	0.033	3750
3/1/2015 05:40	665	0.033	3760
3/1/2015 05:50	666	0.032	3770

Unit 2

Facility Name:	LA CYGNE STATION
Location:	25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/1/2015 06:00	664	0.034	3780
3/1/2015 06:10	665	0.034	3790
3/1/2015 06:20	664	0.033	3800
3/1/2015 06:30	666	0.034	3810
3/1/2015 06:40	665	0.032	3820
3/1/2015 06:50	665	0.033	3830
3/1/2015 07:00	668	0.034	3840
3/1/2015 07:10	674	0.035	3850
3/1/2015 07:20	675	0.034	3860
3/1/2015 07:30	675	0.034	3870
3/1/2015 07:40	675	Invalid Data	3870
3/1/2015 07:50	675	Invalid Data	3870
3/1/2015 08:00	674	Invalid Data	3870
3/1/2015 08:10	675	0.038	3880
3/1/2015 08:20	676	0.037	3890
3/1/2015 08:30	674	0.036	3900
3/1/2015 08:40	676	0.034	3910
3/1/2015 08:50	675	0.034	3920
3/1/2015 09:00	675	0.036	3930
3/1/2015 09:10	675	0.038	3940
3/1/2015 09:20	675	0.037	3950
3/1/2015 09:30	675	0.037	3960
3/1/2015 09:40	675	0.036	3970
3/1/2015 09:50	675	0.036	3980
3/1/2015 10:00	675	0.037	3990
3/1/2015 10:10	675	0.038	4000
3/1/2015 10:20	675	0.040	4010
3/1/2015 10:30	675	0.041	4020
3/1/2015 10:40	674	0.040	4030
3/1/2015 10:50	675	0.041	4040
3/1/2015 11:00	675	0.043	4050
3/1/2015 11:10	675	0.044	4060
3/1/2015 11:20	674	0.042	4070
3/1/2015 11:30	675	0.042	4080
3/1/2015 11:40	675	0.040	4090
3/1/2015 11:50	675	0.039	4100
3/1/2015 12:00	675	0.040	4110
3/1/2015 12:10	675	0.040	4120
3/1/2015 12:20	675	0.038	4130
3/1/2015 12:30	675	0.038	4140
3/1/2015 12:40	675	0.036	4150
3/1/2015 12:50	675	0.038	4160
3/1/2015 13:00	675	0.038	4170
3/1/2015 13:10	676	0.037	4180

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	**Missouri**
TEST	SO2 - 72 hr
Emission Limit, lb/MMBtu	0.058
Min. Load, MW	572
Target, minutes	4320

72 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/1/2015 13:20	675	0.037	4190
3/1/2015 13:30	675	0.038	4200
3/1/2015 13:40	675	0.037	4210
3/1/2015 13:50	675	0.038	4220
3/1/2015 14:00	675	0.039	4230
3/1/2015 14:10	675	0.041	4240
3/1/2015 14:20	675	0.039	4250
3/1/2015 14:30	675	0.039	4260
3/1/2015 14:40	674	0.039	4270
3/1/2015 14:50	675	0.040	4280
3/1/2015 15:00	675	0.039	4290
3/1/2015 15:10	675	0.038	4300
3/1/2015 15:20	675	0.037	4310
3/1/2015 15:30	675	0.037	4320
3/1/2015 15:40	675	0.036	4330
3/1/2015 15:50	675	0.037	4340
3/1/2015 16:00	675	0.037	4350
3/1/2015 16:10	675	0.036	4360
3/1/2015 16:20	675	0.036	4370
3/1/2015 16:30	674	0.036	4380

	Load MWe	SO2 -72 hr Lb/MBtu
Average Value	684	0.022
Maximum Value	718	0.044
Minimum Value	614	0.006
Minimum Target	572	
Maximum Target		0.058

Attachment K. 120-Hour SO_2 Test Results

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/2/2015 08:50	536	0.017	0
3/2/2015 09:00	535	0.017	0
3/2/2015 09:10	535	0.017	0
3/2/2015 09:20	539	0.017	0
3/2/2015 09:30	553	0.017	0
3/2/2015 09:40	564	0.019	0
3/2/2015 09:50	585	0.020	10
3/2/2015 10:00	603	0.021	20
3/2/2015 10:10	626	0.022	30
3/2/2015 10:20	634	0.022	40
3/2/2015 10:30	635	0.022	50
3/2/2015 10:40	640	0.023	60
3/2/2015 10:50	645	0.023	70
3/2/2015 11:00	645	0.024	80
3/2/2015 11:10	645	0.023	90
3/2/2015 11:20	645	0.023	100
3/2/2015 11:30	646	0.022	110
3/2/2015 11:40	644	0.022	120
3/2/2015 11:50	646	0.022	130
3/2/2015 12:00	645	0.022	140
3/2/2015 12:10	645	0.021	150
3/2/2015 12:20	646	0.022	160
3/2/2015 12:30	645	0.021	170
3/2/2015 12:40	645	0.022	180
3/2/2015 12:50	645	0.022	190
3/2/2015 13:00	645	0.026	200
3/2/2015 13:10	646	0.033	210
3/2/2015 13:20	645	0.035	220
3/2/2015 13:30	645	0.027	230
3/2/2015 13:40	645	0.027	240
3/2/2015 13:50	644	0.028	250
3/2/2015 14:00	645	0.029	260
3/2/2015 14:10	646	0.026	270
3/2/2015 14:20	646	0.025	280
3/2/2015 14:30	646	0.023	290
3/2/2015 14:40	646	0.024	300
3/2/2015 14:50	645	0.024	310
3/2/2015 15:00	647	0.024	320
3/2/2015 15:10	646	0.022	330
3/2/2015 15:20	646	0.022	340
3/2/2015 15:30	647	0.021	350
3/2/2015 15:40	647	0.022	360
3/2/2015 15:50	647	0.022	370

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/2/2015 16:00	647	0.021	380
3/2/2015 16:10	646	0.021	390
3/2/2015 16:20	649	0.021	400
3/2/2015 16:30	648	0.020	410
3/2/2015 16:40	647	0.020	420
3/2/2015 16:50	649	0.020	430
3/2/2015 17:00	648	0.020	440
3/2/2015 17:10	648	0.019	450
3/2/2015 17:20	649	0.019	460
3/2/2015 17:30	648	0.018	470
3/2/2015 17:40	651	0.019	480
3/2/2015 17:50	650	0.018	490
3/2/2015 18:00	647	0.019	500
3/2/2015 18:10	650	0.020	510
3/2/2015 18:20	649	0.019	520
3/2/2015 18:30	648	0.017	530
3/2/2015 18:40	650	0.018	540
3/2/2015 18:50	649	0.017	550
3/2/2015 19:00	650	0.016	560
3/2/2015 19:10	651	0.015	570
3/2/2015 19:20	650	0.012	580
3/2/2015 19:30	650	0.011	590
3/2/2015 19:40	647	0.009	600
3/2/2015 19:50	635	0.009	610
3/2/2015 20:00	626	0.008	620
3/2/2015 20:10	618	0.006	630
3/2/2015 20:20	603	0.005	640
3/2/2015 20:30	606	0.005	650
3/2/2015 20:40	609	0.006	660
3/2/2015 20:50	607	0.006	670
3/2/2015 21:00	593	0.005	680
3/2/2015 21:10	577	0.005	690
3/2/2015 21:20	579	0.005	700
3/2/2015 21:30	579	0.005	710
3/2/2015 21:40	575	0.005	720
3/2/2015 21:50	575	0.006	730
3/2/2015 22:00	576	0.006	740
3/2/2015 22:10	581	0.006	750
3/2/2015 22:20	605	0.007	760
3/2/2015 22:30	620	0.007	770
3/2/2015 22:40	617	0.007	780
3/2/2015 22:50	617	0.007	790
3/2/2015 23:00	618	0.007	800
3/2/2015 23:10	608	0.006	810

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/2/2015 23:20	596	0.006	820
3/2/2015 23:30	602	0.006	830
3/2/2015 23:40	606	0.007	840
3/2/2015 23:50	606	0.006	850
3/3/2015 00:00	598	0.006	860
3/3/2015 00:10	601	0.005	870
3/3/2015 00:20	612	0.006	880
3/3/2015 00:30	613	0.005	890
3/3/2015 00:40	619	0.006	900
3/3/2015 00:50	632	0.006	910
3/3/2015 01:00	644	0.005	920
3/3/2015 01:10	647	0.005	930
3/3/2015 01:20	646	0.005	940
3/3/2015 01:30	644	0.005	950
3/3/2015 01:40	629	0.005	960
3/3/2015 01:50	605	0.004	970
3/3/2015 02:00	587	0.004	980
3/3/2015 02:10	591	0.004	990
3/3/2015 02:20	593	0.004	1000
3/3/2015 02:30	613	0.004	1010
3/3/2015 02:40	632	0.005	1020
3/3/2015 02:50	639	0.005	1030
3/3/2015 03:00	648	0.004	1040
3/3/2015 03:10	648	0.005	1050
3/3/2015 03:20	649	0.004	1060
3/3/2015 03:30	647	0.004	1070
3/3/2015 03:40	648	0.005	1080
3/3/2015 03:50	647	0.005	1090
3/3/2015 04:00	646	0.005	1100
3/3/2015 04:10	646	0.005	1110
3/3/2015 04:20	646	0.005	1120
3/3/2015 04:30	646	0.005	1130
3/3/2015 04:40	646	0.005	1140
3/3/2015 04:50	647	0.005	1150
3/3/2015 05:00	646	0.005	1160
3/3/2015 05:10	646	0.005	1170
3/3/2015 05:20	646	0.005	1180
3/3/2015 05:30	647	0.005	1190
3/3/2015 05:40	647	0.005	1200
3/3/2015 05:50	647	0.005	1210
3/3/2015 06:00	646	0.005	1220
3/3/2015 06:10	647	0.004	1230
3/3/2015 06:20	646	0.004	1240
3/3/2015 06:30	646	0.004	1250

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/3/2015 06:40	650	0.005	1260
3/3/2015 06:50	651	0.005	1270
3/3/2015 07:00	656	0.004	1280
3/3/2015 07:10	669	0.005	1290
3/3/2015 07:20	688	0.006	1300
3/3/2015 07:30	691	0.006	1310
3/3/2015 07:40	690	Invalid Data	1310
3/3/2015 07:50	690	Invalid Data	1310
3/3/2015 08:00	690	Invalid Data	1310
3/3/2015 08:10	691	0.010	1320
3/3/2015 08:20	690	0.008	1330
3/3/2015 08:30	690	0.008	1340
3/3/2015 08:40	691	0.008	1350
3/3/2015 08:50	690	0.007	1360
3/3/2015 09:00	695	0.006	1370
3/3/2015 09:10	697	0.006	1380
3/3/2015 09:20	696	0.005	1390
3/3/2015 09:30	696	0.005	1400
3/3/2015 09:40	696	0.005	1410
3/3/2015 09:50	697	0.005	1420
3/3/2015 10:00	698	0.004	1430
3/3/2015 10:10	700	0.005	1440
3/3/2015 10:20	700	0.008	1450
3/3/2015 10:30	700	0.009	1460
3/3/2015 10:40	700	0.009	1470
3/3/2015 10:50	700	0.009	1480
3/3/2015 11:00	700	0.009	1490
3/3/2015 11:10	700	0.009	1500
3/3/2015 11:20	700	0.009	1510
3/3/2015 11:30	700	0.009	1520
3/3/2015 11:40	700	0.009	1530
3/3/2015 11:50	700	0.009	1540
3/3/2015 12:00	700	0.009	1550
3/3/2015 12:10	700	0.009	1560
3/3/2015 12:20	700	0.008	1570
3/3/2015 12:30	700	0.008	1580
3/3/2015 12:40	700	0.009	1590
3/3/2015 12:50	700	0.008	1600
3/3/2015 13:00	700	0.008	1610
3/3/2015 13:10	699	0.009	1620
3/3/2015 13:20	701	0.008	1630
3/3/2015 13:30	700	0.008	1640
3/3/2015 13:40	700	0.009	1650
3/3/2015 13:50	700	0.009	1660

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/3/2015 14:00	700	0.008	1670
3/3/2015 14:10	700	0.008	1680
3/3/2015 14:20	700	0.008	1690
3/3/2015 14:30	700	0.008	1700
3/3/2015 14:40	700	0.008	1710
3/3/2015 14:50	700	0.008	1720
3/3/2015 15:00	700	0.008	1730
3/3/2015 15:10	700	0.009	1740
3/3/2015 15:20	700	0.009	1750
3/3/2015 15:30	700	0.009	1760
3/3/2015 15:40	700	0.010	1770
3/3/2015 15:50	699	0.010	1780
3/3/2015 16:00	701	0.010	1790
3/3/2015 16:10	699	0.010	1800
3/3/2015 16:20	701	0.010	1810
3/3/2015 16:30	700	0.010	1820
3/3/2015 16:40	700	0.010	1830
3/3/2015 16:50	700	0.009	1840
3/3/2015 17:00	700	0.007	1850
3/3/2015 17:10	700	0.005	1860
3/3/2015 17:20	700	0.005	1870
3/3/2015 17:30	700	0.005	1880
3/3/2015 17:40	700	0.005	1890
3/3/2015 17:50	700	0.005	1900
3/3/2015 18:00	700	0.005	1910
3/3/2015 18:10	700	0.005	1920
3/3/2015 18:20	700	0.005	1930
3/3/2015 18:30	700	0.005	1940
3/3/2015 18:40	700	0.005	1950
3/3/2015 18:50	701	0.004	1960
3/3/2015 19:00	700	0.004	1970
3/3/2015 19:10	700	0.004	1980
3/3/2015 19:20	700	0.004	1990
3/3/2015 19:30	700	0.004	2000
3/3/2015 19:40	700	0.004	2010
3/3/2015 19:50	700	0.004	2020
3/3/2015 20:00	700	0.004	2030
3/3/2015 20:10	700	0.004	2040
3/3/2015 20:20	700	0.004	2050
3/3/2015 20:30	700	0.004	2060
3/3/2015 20:40	700	0.004	2070
3/3/2015 20:50	700	0.003	2080
3/3/2015 21:00	700	0.003	2090
3/3/2015 21:10	700	0.003	2100

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/3/2015 21:20	700	0.003	2110
3/3/2015 21:30	700	0.003	2120
3/3/2015 21:40	700	0.003	2130
3/3/2015 21:50	700	0.003	2140
3/3/2015 22:00	700	0.003	2150
3/3/2015 22:10	700	0.003	2160
3/3/2015 22:20	689	0.003	2170
3/3/2015 22:30	666	0.003	2180
3/3/2015 22:40	655	0.003	2190
3/3/2015 22:50	646	0.003	2200
3/3/2015 23:00	633	0.002	2210
3/3/2015 23:10	633	0.003	2220
3/3/2015 23:20	633	0.003	2230
3/3/2015 23:30	632	0.003	2240
3/3/2015 23:40	632	0.003	2250
3/3/2015 23:50	624	0.003	2260
3/4/2015 00:00	608	0.003	2270
3/4/2015 00:10	600	0.003	2280
3/4/2015 00:20	597	0.003	2290
3/4/2015 00:30	601	0.003	2300
3/4/2015 00:40	603	0.003	2310
3/4/2015 00:50	625	0.004	2320
3/4/2015 01:00	639	0.004	2330
3/4/2015 01:10	633	0.004	2340
3/4/2015 01:20	633	0.004	2350
3/4/2015 01:30	632	0.004	2360
3/4/2015 01:40	639	0.005	2370
3/4/2015 01:50	650	0.005	2380
3/4/2015 02:00	643	0.005	2390
3/4/2015 02:10	634	0.006	2400
3/4/2015 02:20	634	0.007	2410
3/4/2015 02:30	638	0.009	2420
3/4/2015 02:40	634	0.009	2430
3/4/2015 02:50	634	0.011	2440
3/4/2015 03:00	632	0.012	2450
3/4/2015 03:10	633	0.014	2460
3/4/2015 03:20	632	0.015	2470
3/4/2015 03:30	633	0.016	2480
3/4/2015 03:40	632	0.017	2490
3/4/2015 03:50	632	0.018	2500
3/4/2015 04:00	633	0.019	2510
3/4/2015 04:10	630	0.020	2520
3/4/2015 04:20	632	0.022	2530
3/4/2015 04:30	632	0.024	2540

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 04:40	630	0.023	2550
3/4/2015 04:50	632	0.023	2560
3/4/2015 05:00	629	0.024	2570
3/4/2015 05:10	630	0.024	2580
3/4/2015 05:20	631	0.025	2590
3/4/2015 05:30	636	0.026	2600
3/4/2015 05:40	642	0.027	2610
3/4/2015 05:50	657	0.028	2620
3/4/2015 06:00	673	0.029	2630
3/4/2015 06:10	680	0.029	2640
3/4/2015 06:20	693	0.031	2650
3/4/2015 06:30	694	0.031	2660
3/4/2015 06:40	696	0.031	2670
3/4/2015 06:50	695	0.031	2680
3/4/2015 07:00	695	0.032	2690
3/4/2015 07:10	704	0.033	2700
3/4/2015 07:20	705	0.035	2710
3/4/2015 07:30	705	0.036	2720
3/4/2015 07:40	705	Invalid Data	2720
3/4/2015 07:50	705	Invalid Data	2720
3/4/2015 08:00	705	Invalid Data	2720
3/4/2015 08:10	705	0.038	2730
3/4/2015 08:20	705	0.038	2740
3/4/2015 08:30	705	0.040	2750
3/4/2015 08:40	705	0.038	2760
3/4/2015 08:50	705	0.038	2770
3/4/2015 09:00	705	0.037	2780
3/4/2015 09:10	705	0.036	2790
3/4/2015 09:20	705	0.037	2800
3/4/2015 09:30	705	0.038	2810
3/4/2015 09:40	705	0.038	2820
3/4/2015 09:50	705	0.036	2830
3/4/2015 10:00	705	0.036	2840
3/4/2015 10:10	705	0.036	2850
3/4/2015 10:20	705	0.036	2860
3/4/2015 10:30	705	0.038	2870
3/4/2015 10:40	705	0.036	2880
3/4/2015 10:50	705	0.036	2890
3/4/2015 11:00	705	0.036	2900
3/4/2015 11:10	705	0.035	2910
3/4/2015 11:20	705	0.036	2920
3/4/2015 11:30	705	0.036	2930
3/4/2015 11:40	705	0.035	2940
3/4/2015 11:50	705	0.035	2950

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 12:00	705	0.036	2960
3/4/2015 12:10	705	0.034	2970
3/4/2015 12:20	705	0.036	2980
3/4/2015 12:30	705	0.037	2990
3/4/2015 12:40	705	0.036	3000
3/4/2015 12:50	705	0.036	3010
3/4/2015 13:00	705	0.036	3020
3/4/2015 13:10	705	0.035	3030
3/4/2015 13:20	705	0.037	3040
3/4/2015 13:30	705	0.037	3050
3/4/2015 13:40	705	0.036	3060
3/4/2015 13:50	705	0.033	3070
3/4/2015 14:00	705	0.032	3080
3/4/2015 14:10	706	0.031	3090
3/4/2015 14:20	705	0.033	3100
3/4/2015 14:30	705	0.034	3110
3/4/2015 14:40	704	0.033	3120
3/4/2015 14:50	706	0.034	3130
3/4/2015 15:00	705	0.034	3140
3/4/2015 15:10	705	0.034	3150
3/4/2015 15:20	705	0.035	3160
3/4/2015 15:30	706	0.035	3170
3/4/2015 15:40	704	0.033	3180
3/4/2015 15:50	705	0.034	3190
3/4/2015 16:00	705	0.034	3200
3/4/2015 16:10	706	0.033	3210
3/4/2015 16:20	704	0.035	3220
3/4/2015 16:30	705	0.036	3230
3/4/2015 16:40	705	0.035	3240
3/4/2015 16:50	705	0.035	3250
3/4/2015 17:00	705	0.035	3260
3/4/2015 17:10	705	0.035	3270
3/4/2015 17:20	703	0.036	3280
3/4/2015 17:30	700	0.036	3290
3/4/2015 17:40	700	0.036	3300
3/4/2015 17:50	696	0.035	3310
3/4/2015 18:00	694	0.034	3320
3/4/2015 18:10	694	0.033	3330
3/4/2015 18:20	694	0.035	3340
3/4/2015 18:30	691	0.037	3350
3/4/2015 18:40	692	0.035	3360
3/4/2015 18:50	690	0.035	3370
3/4/2015 19:00	691	0.035	3380
3/4/2015 19:10	689	0.035	3390

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 19:20	690	0.037	3400
3/4/2015 19:30	691	0.037	3410
3/4/2015 19:40	701	0.037	3420
3/4/2015 19:50	700	0.037	3430
3/4/2015 20:00	700	0.036	3440
3/4/2015 20:10	700	0.036	3450
3/4/2015 20:20	700	0.037	3460
3/4/2015 20:30	700	0.037	3470
3/4/2015 20:40	700	0.037	3480
3/4/2015 20:50	700	0.036	3490
3/4/2015 21:00	700	0.035	3500
3/4/2015 21:10	700	0.036	3510
3/4/2015 21:20	700	0.037	3520
3/4/2015 21:30	700	0.037	3530
3/4/2015 21:40	701	0.036	3540
3/4/2015 21:50	699	0.036	3550
3/4/2015 22:00	701	0.037	3560
3/4/2015 22:10	699	0.036	3570
3/4/2015 22:20	700	0.037	3580
3/4/2015 22:30	700	0.037	3590
3/4/2015 22:40	700	0.037	3600
3/4/2015 22:50	700	0.036	3610
3/4/2015 23:00	700	0.036	3620
3/4/2015 23:10	700	0.036	3630
3/4/2015 23:20	700	0.036	3640
3/4/2015 23:30	700	0.037	3650
3/4/2015 23:40	700	0.035	3660
3/4/2015 23:50	700	0.035	3670
3/5/2015 00:00	700	0.035	3680
3/5/2015 00:10	700	0.036	3690
3/5/2015 00:20	700	0.036	3700
3/5/2015 00:30	700	0.037	3710
3/5/2015 00:40	700	0.035	3720
3/5/2015 00:50	700	0.036	3730
3/5/2015 01:00	700	0.035	3740
3/5/2015 01:10	700	0.036	3750
3/5/2015 01:20	700	0.036	3760
3/5/2015 01:30	700	0.036	3770
3/5/2015 01:40	700	0.035	3780
3/5/2015 01:50	700	0.033	3790
3/5/2015 02:00	700	0.033	3800
3/5/2015 02:10	700	0.034	3810
3/5/2015 02:20	699	0.034	3820
3/5/2015 02:30	695	0.033	3830

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/5/2015 02:40	695	0.032	3840
3/5/2015 02:50	695	0.031	3850
3/5/2015 03:00	695	0.030	3860
3/5/2015 03:10	693	0.031	3870
3/5/2015 03:20	690	0.032	3880
3/5/2015 03:30	690	0.031	3890
3/5/2015 03:40	690	0.030	3900
3/5/2015 03:50	690	0.030	3910
3/5/2015 04:00	690	0.029	3920
3/5/2015 04:10	690	0.030	3930
3/5/2015 04:20	690	0.030	3940
3/5/2015 04:30	690	0.030	3950
3/5/2015 04:40	690	0.030	3960
3/5/2015 04:50	692	0.029	3970
3/5/2015 05:00	700	0.029	3980
3/5/2015 05:10	700	0.030	3990
3/5/2015 05:20	701	0.030	4000
3/5/2015 05:30	700	0.030	4010
3/5/2015 05:40	700	0.030	4020
3/5/2015 05:50	699	0.030	4030
3/5/2015 06:00	700	0.031	4040
3/5/2015 06:10	700	0.033	4050
3/5/2015 06:20	700	0.034	4060
3/5/2015 06:30	700	0.034	4070
3/5/2015 06:40	700	0.034	4080
3/5/2015 06:50	700	0.035	4090
3/5/2015 07:00	700	0.035	4100
3/5/2015 07:10	700	0.037	4110
3/5/2015 07:20	700	0.038	4120
3/5/2015 07:30	700	0.038	4130
3/5/2015 07:40	695	Invalid Data	4130
3/5/2015 07:50	689	Invalid Data	4130
3/5/2015 08:00	695	Invalid Data	4130
3/5/2015 08:10	692	0.041	4140
3/5/2015 08:20	692	0.041	4150
3/5/2015 08:30	697	0.043	4160
3/5/2015 08:40	689	0.041	4170
3/5/2015 08:50	690	0.041	4180
3/5/2015 09:00	690	0.041	4190
3/5/2015 09:10	690	0.044	4200
3/5/2015 09:20	690	0.044	4210
3/5/2015 09:30	690	0.043	4220
3/5/2015 09:40	690	0.043	4230
3/5/2015 09:50	690	0.040	4240

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/5/2015 10:00	690	0.035	4250
3/5/2015 10:10	690	0.033	4260
3/5/2015 10:20	690	0.032	4270
3/5/2015 10:30	690	0.030	4280
3/5/2015 10:40	690	0.028	4290
3/5/2015 10:50	690	0.028	4300
3/5/2015 11:00	690	0.027	4310
3/5/2015 11:10	690	0.028	4320
3/5/2015 11:20	690	0.027	4330
3/5/2015 11:30	689	0.026	4340
3/5/2015 11:40	690	0.026	4350
3/5/2015 11:50	690	0.025	4360
3/5/2015 12:00	690	0.026	4370
3/5/2015 12:10	690	0.028	4380
3/5/2015 12:20	690	0.028	4390
3/5/2015 12:30	690	0.028	4400
3/5/2015 12:40	690	0.028	4410
3/5/2015 12:50	690	0.027	4420
3/5/2015 13:00	689	0.027	4430
3/5/2015 13:10	691	0.029	4440
3/5/2015 13:20	689	0.029	4450
3/5/2015 13:30	690	0.028	4460
3/5/2015 13:40	690	0.028	4470
3/5/2015 13:50	690	0.028	4480
3/5/2015 14:00	690	0.027	4490
3/5/2015 14:10	689	0.028	4500
3/5/2015 14:20	691	0.029	4510
3/5/2015 14:30	689	0.028	4520
3/5/2015 14:40	690	0.028	4530
3/5/2015 14:50	690	0.028	4540
3/5/2015 15:00	690	0.027	4550
3/5/2015 15:10	690	0.029	4560
3/5/2015 15:20	690	0.029	4570
3/5/2015 15:30	690	0.029	4580
3/5/2015 15:40	690	0.029	4590
3/5/2015 15:50	690	0.029	4600
3/5/2015 16:00	690	0.029	4610
3/5/2015 16:10	690	0.030	4620
3/5/2015 16:20	690	0.030	4630
3/5/2015 16:30	689	0.029	4640
3/5/2015 16:40	690	0.030	4650
3/5/2015 16:50	690	0.029	4660
3/5/2015 17:00	690	0.029	4670
3/5/2015 17:10	690	0.029	4680

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/5/2015 17:20	689	0.030	4690
3/5/2015 17:30	685	0.030	4700
3/5/2015 17:40	685	0.030	4710
3/5/2015 17:50	685	0.029	4720
3/5/2015 18:00	685	0.030	4730
3/5/2015 18:10	685	0.031	4740
3/5/2015 18:20	685	0.031	4750
3/5/2015 18:30	685	0.030	4760
3/5/2015 18:40	685	0.031	4770
3/5/2015 18:50	684	0.030	4780
3/5/2015 19:00	686	0.030	4790
3/5/2015 19:10	685	0.031	4800
3/5/2015 19:20	685	0.031	4810
3/5/2015 19:30	685	0.031	4820
3/5/2015 19:40	685	0.031	4830
3/5/2015 19:50	685	0.030	4840
3/5/2015 20:00	686	0.030	4850
3/5/2015 20:10	684	0.030	4860
3/5/2015 20:20	685	0.030	4870
3/5/2015 20:30	685	0.030	4880
3/5/2015 20:40	685	0.030	4890
3/5/2015 20:50	685	0.030	4900
3/5/2015 21:00	685	0.030	4910
3/5/2015 21:10	684	0.031	4920
3/5/2015 21:20	680	0.030	4930
3/5/2015 21:30	680	0.029	4940
3/5/2015 21:40	680	0.030	4950
3/5/2015 21:50	680	0.029	4960
3/5/2015 22:00	680	0.028	4970
3/5/2015 22:10	680	0.033	4980
3/5/2015 22:20	675	0.030	4990
3/5/2015 22:30	672	0.029	5000
3/5/2015 22:40	659	0.027	5010
3/5/2015 22:50	648	0.025	5020
3/5/2015 23:00	642	0.025	5030
3/5/2015 23:10	630	0.024	5040
3/5/2015 23:20	630	0.022	5050
3/5/2015 23:30	642	0.021	5060
3/5/2015 23:40	644	0.022	5070
3/5/2015 23:50	656	0.023	5080
3/6/2015 00:00	671	0.023	5090
3/6/2015 00:10	680	0.027	5100
3/6/2015 00:20	679	0.026	5110
3/6/2015 00:30	678	0.027	5120

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
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Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

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Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 00:40	679	0.026	5130
3/6/2015 00:50	679	0.026	5140
3/6/2015 01:00	679	0.027	5150
3/6/2015 01:10	677	0.028	5160
3/6/2015 01:20	679	0.028	5170
3/6/2015 01:30	678	0.028	5180
3/6/2015 01:40	678	0.029	5190
3/6/2015 01:50	677	0.029	5200
3/6/2015 02:00	678	0.030	5210
3/6/2015 02:10	678	0.033	5220
3/6/2015 02:20	678	0.034	5230
3/6/2015 02:30	678	0.035	5240
3/6/2015 02:40	678	0.036	5250
3/6/2015 02:50	678	0.036	5260
3/6/2015 03:00	678	0.037	5270
3/6/2015 03:10	679	0.038	5280
3/6/2015 03:20	678	0.039	5290
3/6/2015 03:30	674	0.039	5300
3/6/2015 03:40	675	0.038	5310
3/6/2015 03:50	677	0.038	5320
3/6/2015 04:00	679	0.038	5330
3/6/2015 04:10	674	0.038	5340
3/6/2015 04:20	676	0.038	5350
3/6/2015 04:30	677	0.038	5360
3/6/2015 04:40	678	0.037	5370
3/6/2015 04:50	679	0.038	5380
3/6/2015 05:00	679	0.039	5390
3/6/2015 05:10	679	0.039	5400
3/6/2015 05:20	680	0.038	5410
3/6/2015 05:30	680	0.035	5420
3/6/2015 05:40	679	0.034	5430
3/6/2015 05:50	680	0.033	5440
3/6/2015 06:00	680	0.033	5450
3/6/2015 06:10	680	0.032	5460
3/6/2015 06:20	680	0.030	5470
3/6/2015 06:30	680	0.029	5480
3/6/2015 06:40	685	0.028	5490
3/6/2015 06:50	698	0.027	5500
3/6/2015 07:00	700	0.028	5510
3/6/2015 07:10	700	0.028	5520
3/6/2015 07:20	700	0.027	5530
3/6/2015 07:30	700	0.026	5540
3/6/2015 07:40	700	Invalid Data	5540
3/6/2015 07:50	700	Invalid Data	5540

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
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Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 08:00	700	Invalid Data	5540
3/6/2015 08:10	700	0.028	5550
3/6/2015 08:20	700	0.025	5560
3/6/2015 08:30	700	0.024	5570
3/6/2015 08:40	700	0.024	5580
3/6/2015 08:50	700	0.023	5590
3/6/2015 09:00	700	0.024	5600
3/6/2015 09:10	700	0.023	5610
3/6/2015 09:20	700	0.023	5620
3/6/2015 09:30	700	0.022	5630
3/6/2015 09:40	699	0.022	5640
3/6/2015 09:50	700	0.022	5650
3/6/2015 10:00	700	0.023	5660
3/6/2015 10:10	700	0.023	5670
3/6/2015 10:20	700	0.023	5680
3/6/2015 10:30	700	0.022	5690
3/6/2015 10:40	700	0.022	5700
3/6/2015 10:50	700	0.022	5710
3/6/2015 11:00	700	0.024	5720
3/6/2015 11:10	700	0.023	5730
3/6/2015 11:20	700	0.023	5740
3/6/2015 11:30	700	0.023	5750
3/6/2015 11:40	700	0.023	5760
3/6/2015 11:50	700	0.023	5770
3/6/2015 12:00	700	0.024	5780
3/6/2015 12:10	700	0.025	5790
3/6/2015 12:20	699	0.024	5800
3/6/2015 12:30	700	0.024	5810
3/6/2015 12:40	700	0.023	5820
3/6/2015 12:50	700	0.024	5830
3/6/2015 13:00	700	0.025	5840
3/6/2015 13:10	700	0.025	5850
3/6/2015 13:20	700	0.024	5860
3/6/2015 13:30	700	0.025	5870
3/6/2015 13:40	700	0.024	5880
3/6/2015 13:50	700	0.025	5890
3/6/2015 14:00	700	0.025	5900
3/6/2015 14:10	700	0.026	5910
3/6/2015 14:20	700	0.025	5920
3/6/2015 14:30	699	0.025	5930
3/6/2015 14:40	701	0.026	5940
3/6/2015 14:50	700	0.025	5950
3/6/2015 15:00	700	0.026	5960
3/6/2015 15:10	700	0.026	5970

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
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Emission Limit, lb/MMBtu
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Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 15:20	700	0.025	5980
3/6/2015 15:30	700	0.025	5990
3/6/2015 15:40	700	0.025	6000
3/6/2015 15:50	700	0.025	6010
3/6/2015 16:00	700	0.026	6020
3/6/2015 16:10	699	0.025	6030
3/6/2015 16:20	700	0.025	6040
3/6/2015 16:30	700	0.024	6050
3/6/2015 16:40	700	0.024	6060
3/6/2015 16:50	700	0.024	6070
3/6/2015 17:00	700	0.025	6080
3/6/2015 17:10	700	0.025	6090
3/6/2015 17:20	700	0.024	6100
3/6/2015 17:30	700	0.025	6110
3/6/2015 17:40	700	0.023	6120
3/6/2015 17:50	700	0.024	6130
3/6/2015 18:00	700	0.024	6140
3/6/2015 18:10	700	0.024	6150
3/6/2015 18:20	700	0.024	6160
3/6/2015 18:30	700	0.023	6170
3/6/2015 18:40	699	0.022	6180
3/6/2015 18:50	697	0.022	6190
3/6/2015 19:00	697	0.024	6200
3/6/2015 19:10	697	0.022	6210
3/6/2015 19:20	697	0.019	6220
3/6/2015 19:30	698	0.019	6230
3/6/2015 19:40	697	0.018	6240
3/6/2015 19:50	696	0.019	6250
3/6/2015 20:00	695	0.019	6260
3/6/2015 20:10	696	0.019	6270
3/6/2015 20:20	695	0.018	6280
3/6/2015 20:30	695	0.019	6290
3/6/2015 20:40	688	0.018	6300
3/6/2015 20:50	672	0.018	6310
3/6/2015 21:00	678	0.018	6320
3/6/2015 21:10	681	0.019	6330
3/6/2015 21:20	672	0.019	6340
3/6/2015 21:30	657	0.018	6350
3/6/2015 21:40	643	0.017	6360
3/6/2015 21:50	632	0.017	6370
3/6/2015 22:00	624	0.018	6380
3/6/2015 22:10	620	0.017	6390
3/6/2015 22:20	630	0.017	6400
3/6/2015 22:30	628	0.018	6410

Unit 2

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 22:40	625	0.018	6420
3/6/2015 22:50	619	0.018	6430
3/6/2015 23:00	621	0.018	6440
3/6/2015 23:10	620	0.017	6450
3/6/2015 23:20	611	0.017	6460
3/6/2015 23:30	605	0.017	6470
3/6/2015 23:40	599	0.016	6480
3/6/2015 23:50	589	0.016	6490
3/7/2015 00:00	584	0.017	6500
3/7/2015 00:10	584	0.016	6510
3/7/2015 00:20	586	0.016	6520
3/7/2015 00:30	585	0.016	6530
3/7/2015 00:40	592	0.016	6540
3/7/2015 00:50	613	0.017	6550
3/7/2015 01:00	640	0.018	6560
3/7/2015 01:10	661	0.019	6570
3/7/2015 01:20	689	0.020	6580
3/7/2015 01:30	693	0.021	6590
3/7/2015 01:40	681	0.019	6600
3/7/2015 01:50	686	0.019	6610
3/7/2015 02:00	691	0.021	6620
3/7/2015 02:10	666	0.018	6630
3/7/2015 02:20	667	0.017	6640
3/7/2015 02:30	674	0.018	6650
3/7/2015 02:40	658	0.017	6660
3/7/2015 02:50	654	0.017	6670
3/7/2015 03:00	641	0.017	6680
3/7/2015 03:10	635	0.017	6690
3/7/2015 03:20	630	0.016	6700
3/7/2015 03:30	635	0.017	6710
3/7/2015 03:40	634	0.016	6720
3/7/2015 03:50	632	0.017	6730
3/7/2015 04:00	632	0.017	6740
3/7/2015 04:10	632	0.017	6750
3/7/2015 04:20	631	0.016	6760
3/7/2015 04:30	632	0.017	6770
3/7/2015 04:40	632	0.016	6780
3/7/2015 04:50	630	0.017	6790
3/7/2015 05:00	631	0.018	6800
3/7/2015 05:10	629	0.017	6810
3/7/2015 05:20	631	0.017	6820
3/7/2015 05:30	645	0.017	6830
3/7/2015 05:40	654	0.018	6840
3/7/2015 05:50	660	0.019	6850

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/7/2015 06:00	659	0.019	6860
3/7/2015 06:10	649	0.018	6870
3/7/2015 06:20	655	0.018	6880
3/7/2015 06:30	669	0.019	6890
3/7/2015 06:40	685	0.019	6900
3/7/2015 06:50	695	0.021	6910
3/7/2015 07:00	697	0.020	6920
3/7/2015 07:10	701	0.020	6930
3/7/2015 07:20	700	0.019	6940
3/7/2015 07:30	700	0.020	6950
3/7/2015 07:40	700	Invalid Data	6950
3/7/2015 07:50	700	Invalid Data	6950
3/7/2015 08:00	701	Invalid Data	6950
3/7/2015 08:10	699	0.022	6960
3/7/2015 08:20	705	0.022	6970
3/7/2015 08:30	703	0.021	6980
3/7/2015 08:40	704	0.021	6990
3/7/2015 08:50	703	0.021	7000
3/7/2015 09:00	703	0.021	7010
3/7/2015 09:10	703	0.021	7020
3/7/2015 09:20	703	0.021	7030
3/7/2015 09:30	703	0.021	7040
3/7/2015 09:40	703	0.021	7050
3/7/2015 09:50	703	0.022	7060
3/7/2015 10:00	703	0.022	7070
3/7/2015 10:10	703	0.021	7080
3/7/2015 10:20	703	0.022	7090
3/7/2015 10:30	703	0.021	7100
3/7/2015 10:40	703	0.021	7110
3/7/2015 10:50	703	0.021	7120
3/7/2015 11:00	703	0.020	7130
3/7/2015 11:10	703	0.018	7140
3/7/2015 11:20	703	0.019	7150
3/7/2015 11:30	703	0.018	7160
3/7/2015 11:40	703	0.019	7170
3/7/2015 11:50	704	0.020	7180
3/7/2015 12:00	703	0.019	7190
3/7/2015 12:10	703	0.019	7200
3/7/2015 12:20	703	0.019	7210
3/7/2015 12:30	703	0.018	7220
3/7/2015 12:40	703	0.018	7230
3/7/2015 12:50	703	0.019	7240

Unit 2

State
TEST
Emission Limit, lb/MMBtu
Min. Load, MW
Target, minutes

Facility Name: LA CYGNE STATION
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

120 - Hr SO2 Test
10 Minute Emission Averages

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
	Load MWe	**SO2 -120 hr Lb/MBtu**	
Average Values	676	0.022	
Maximum Values	706	0.044	
Minimum Value	575	0.002	
Minimum Target	572		
Maximum Target		0.07	