

Southern Power
600 North 18th Street
Birmingham, Alabama 35203-2206

936-326-5301

OFFICE TO

JUN 02 2017

AUSTIN



April 26, 2016

Sarah Kirksey
Air, Section Manager
TCEQ, Region 10, Beaumont
3870 Eastex Fwy.
Beaumont, TX 77703-1830

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RECEIVED

APR 27 2016
TCEQ-Region 10
Beaumont

PDB

RE: Quarterly Excess Emission Reports, 1Q2016
Nacogdoches Power Generating Facility
Cushing, Nacogdoches County
Permit No. 77679, PSDTX1061, and HAP55
Title V Permit No. O3455
ORIS Code: 055708

Dear Ms. Kirksey:

Pursuant to the requirements 40 CFR 60.7 and Subpart Db as referenced by the Title V Permit and Special Condition 38 of the PSD Permit No. 77679, the following information is being submitted to satisfy the reporting requirements for the period of January 1, 2016 through March 31, 2016. A copy of this report is being submitted to EPA Region 6.

As the responsible official, I certify that, based on information and belief formed after reasonable inquiry, the statements and information in these reports are true, accurate, and complete.

If you have any questions regarding this submittal, please call Joe Drumm at (205) 257-4140.

Sincerely,

Ronald L. Ray, Jr.
Plant Manager

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JUN 08 2017

TCEQ
CENTRAL FILE ROOM

cc: US EPA, Region 6, Air Enforcement Branch (6EN-A)

CEMS SUMMARY REPORT **EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE**

Pollutant: CO

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
 Cushing, TX 75760

Acct# NA-A003-C

TX 77679
 Permit#

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
 BFB-1

Emissions Limitation: 0.15 lb/MMBTU / 30
Day Limit / and 12-
month rolling

Monitor Mfg and Thermo
 Model Nbr: Environmental 48I

Date of Last EMS 12/17/2015
 Cert/Audit:

Total Source 314 Hours
 Operating Time:

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NH3

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
 Cushing, TX 75760

Acct# NA-A003-C

TX 77679

Permit#

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:

BFB-1

Emissions
 Limitation:

15 ppm / 30 Day
Limit / 14 ppm/ 12-
month rolling

Monitor Mfg and
 Model Nbr:

Servomex LaserGasII

Date of Last EMS
 Cert/Audit:

12/8/2015

Total Source
 Operating Time:

314 Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NOx

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
Cushing, TX 75760

Acct# NA-A003-C

TX Permit# 77679

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
BFB-1

Emissions Limitation: 0.10 lb/MMBTU / 30
Day Limit / and 12-
month rolling

Monitor Mfg and Model Nbr: Thermo
Environmental 42I

Date of Last EMS Cert/Audit: 12/5/2015

Total Source Operating Time: 314 Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT

EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: Opacity

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
Cushing, TX 75760

Acct# NA-A003-C

TX
Permit# 77679

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
BFB-1

Emissions Limitation: 10% 6-minute
avg / 20% 6-minute
avg. stationary vents

Monitor Mfg and
Model Nbr: Monitor
Labs Lighthawk 560

Date of Last EMS
Cert/Audit: 12/22/2015

Total Source
Operating Time: 314 Minutes

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(6 minute avg): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT

EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: SO2

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988

Cushing, TX 75760

Acct# NA-A003-C

TX 77679

Permit#

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:

BFB-1

Emissions Limitation: 0.046 lb/MMBTU / 30
Day / Limit / and 12-
month rolling

Monitor Mfg and Thermo
Model Nbr: Environmental 43I

Date of Last EMS 9/9/2015

Cert/Audit:

Total Source 314 Hours
Operating Time:

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown 0

b. Control equipment problems 0

c. Process Problems 0

d. Other known causes(load change, soot blow) 0

e. Unknown Causes 0

2. Total duration of excess emissions(hours): 0

3. (Total duration of excess emissions)*(100)
(Total Source Operating Time) 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions 0

b. Non-Monitor equip. malfunctions 0

c. Quality assurance calibration 0

d. Other known causes 0

e. Unknown Causes 0

2. Total CMS Downtime(hours): 0

3. (Total CMS Downtime)*(100)
(Total Source Operating Time) 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

Southern Power Company

Plant **Nacogdoches**

Excess and Operational Report

Report Run Time: 4/25/2016 1:54:50 PM

Reporting Period: 01/01/2016 to 03/31/2016

Plant: Nacogdoches	Unit: BEB-1	QTR/Year: 1/2016
TX Acct#; NA-A003-C	TX Permit# 77679	PSD# PSDTX1061 and HAP55

NOx Excess Emissions (Limit: .10 lb/mmbtu, 30 day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling NOx excess emissions.

SO2 Excess Emissions (Limit: 0.046 lb/mmbtu, 30-day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling SO2 excess emissions.

CO Excess Emissions (Limit: 0.15 lb/mmbtu, 30-day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling CO excess emissions.

NH3 Excess Emissions (Limit: 15 ppm, 30-day avg and 14ppm, 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling NH3 excess emissions.

Opacity Excess Emissions (Limit: 10%, 6 minute avg)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
02/07/2016	12:18	BioMass	0	33.7	UNIT STARTUP	
02/07/2016	12:24	BioMass	0	27.9	UNIT STARTUP	
02/07/2016	12:42	BioMass	0	19.6	UNIT STARTUP	
02/07/2016	15:54	BioMass	0	19.7	UNIT STARTUP	
02/07/2016	16:00	BioMass	0	34.6	UNIT STARTUP	
02/07/2016	16:06	BioMass	0	27.9	UNIT STARTUP	
02/07/2016	16:12	BioMass	0	19.4	UNIT STARTUP	
02/07/2016	16:18	BioMass	0	34.8	UNIT STARTUP	
02/07/2016	16:24	BioMass	0	38.9	UNIT STARTUP	
02/07/2016	16:30	BioMass	0	23.5	UNIT STARTUP	

02/08/2016	07:24	BioMass	1	11.0	UNIT STARTUP	
02/10/2016	01:12	BioMass	0	33.9	UNIT STARTUP	
02/10/2016	01:18	BioMass	0	19.5	UNIT STARTUP	
02/10/2016	01:30	BioMass	0	11.0	UNIT STARTUP	

Southern Power Company
Continuous Monitoring System Downtime
Pollutant NOX, SO2, CO, NH3

Plant: Nacogdoches	Unit: BEB-1	Quarter/Year: 1 /2016
TX Acct #: NA-A003-C	TX Permit#: 77679	PSD#: PSDTX1061 and HAP55

DATE	BEGINNING HOUR (first hour of missing data)	ENDING HOUR (last hour of missing data)	TOTAL MINUTES	NATURE & CAUSE OF PROBLEM	CORRECTIVE ACTION
No monitor downtime for NOx, SO2, CO, or NH3 CEMS during this quarter.					

Southern Power Company
Continuous Monitoring System Downtime
Pollutant Opacity

Plant: Nacogdoches	Unit: BEB-1	Quarter/Year: 1 /2016
TX Acct #: NA-A003-C	TX Permit#: 77679	PSD#: PSDTX1061 and HAP55

DATE	BEGINNING HOUR (first hour of missing data)	ENDING HOUR (last hour of missing data)	TOTAL MINUTES	NATURE & CAUSE OF PROBLEM	CORRECTIVE ACTION
No monitor downtime for the opacity monitor during this quarter.					

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A1 BPTA



FID 567132 26APR16 LFKA 539C1/1842/4818

Company SOUTHERN POWER CO

Address 14780 HIGHWAY 204

State TX ZIP 75760

City CUSHING

2 Your Internal Billing Reference

3 To Recipient's Name Sarah K. Kirk

Phone

Company

Address

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State TX

ZIP

77703 1830

0116874148



8065 3551 1960

earthsmart

FedEx carbon-neutral

FedEx

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3870 FOSTEX FWY☐ Next business afternoon.
Saturday Delivery NOT available.

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* Declared value limit \$500.

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☐ SATURDAY Delivery

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Package may be left without obtaining a signature for delivery.

☐ Direct Signature

Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature
If no one is available at recipient's address, someone else in neighborhood may sign for delivery. Fee No. 214.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No☐ Yes

As per attached Shipper's Declaration.

☐ Yes

Shipper's Declaration not required.

☐ Dry Ice

Dry Ice, 9 UN 1845

☐ Cargo Aircraft Only

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*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Southern Power
600 North 18th Street
Birmingham, Alabama 35203-2206

936-326-5301

April 26, 2016

Sarah Kirksey
Air, Section Manager
TCEQ, Region 10, Beaumont
3870 Eastex Fwy.
Beaumont, TX 77703-1830

RE: Quarterly Excess Emission Reports, 1Q2016
Nacogdoches Power Generating Facility
Cushing, Nacogdoches County
Permit No. 77679, PSDTX1061, and HAP55
Title V Permit No. O3455
ORIS Code: 055708

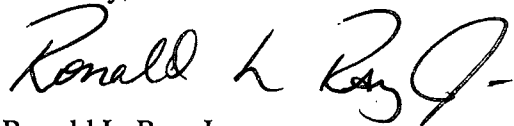
Dear Ms. Kirksey:

Pursuant to the requirements 40 CFR 60.7 and Subpart Db as referenced by the Title V Permit and Special Condition 38 of the PSD Permit No. 77679, the following information is being submitted to satisfy the reporting requirements for the period of January 1, 2016 through March 31, 2016. A copy of this report is being submitted to EPA Region 6.

As the responsible official, I certify that, based on information and belief formed after reasonable inquiry, the statements and information in these reports are true, accurate, and complete.

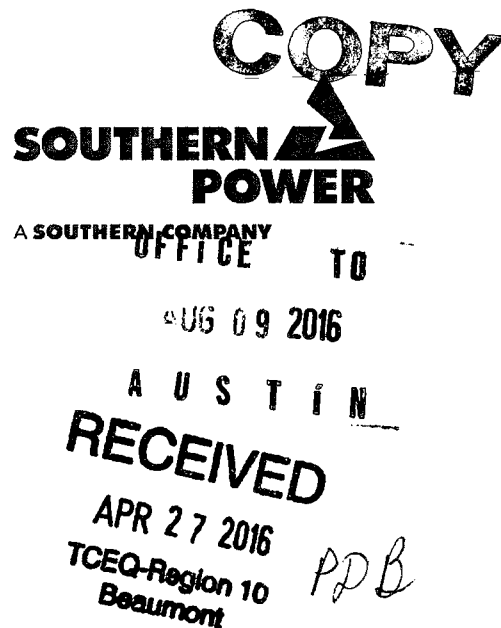
If you have any questions regarding this submittal, please call Joe Drumm at (205) 257-4140.

Sincerely,



Ronald L. Ray, Jr.
Plant Manager

cc: US EPA, Region 6, Air Enforcement Branch (6EN-A)



CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: CO

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
Cushing, TX 75760

Acct# NA-A003-C

TX
Permit# 77679

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
BFB-1

Emissions Limitation: 0.15 lb/MMBTU / 30
Day Limit / and 12-
month rolling

Monitor Mfg and
Model Nbr: Thermo
Environmental 48I

Date of Last EMS
Cert/Audit: 12/17/2015

Total Source
Operating Time: 314 Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. (Total duration of excess emissions)*(100)
(Total Source Operating Time) 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. (Total CMS Downtime)*(100)
(Total Source Operating Time) 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NH3

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
Cushing, TX 75760

Acct# NA-A003-C

TX 77679

Permit# 77679

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
BFB-1

Emissions
Limitation:

15 ppm / 30 Day
Limit / 14 ppm/ 12-
month rolling

Monitor Mfg and
Model Nbr:

Servomex LaserGasII

Date of Last EMS
Cert/Audit:

12/8/2015

Total Source
Operating Time:

314 Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NOx

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
Cushing, TX 75760

Acct# NA-A003-C

TX 77679

Permit#

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
BFB-1

Emissions Limitation: 0.10 lb/MMBTU / 30
Day Limit / and 12-
month rolling

Monitor Mfg and Thermo
Model Nbr: Environmental 42I

Date of Last EMS 12/5/2015

Cert/Audit:

Total Source 314
Operating Time: Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: Opacity

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
 Cushing, TX 75760

Acct# NA-A003-C

TX 77679

Permit#

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
 BFB-1

Emissions Limitation: 10% 6-minute
avg / 20% 6-minute
avg. stationary vents

Monitor Mfg and Monitor
 Model Nbr: Labs Lighthawk 560

Date of Last EMS 12/22/2015

Cert/Audit:
 Total Source
 Operating Time: 314 Minutes

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(6 minute avg): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

CEMS SUMMARY REPORT
EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: SO2

Reporting Period Date From 1/1/2016 to 3/31/2016

Company: Nacogdoches Power LLC

Address: 499 County Road 988
 Cushing, TX 75760

Acct# NA-A003-C

TX Permit# 77679

PSD# PSDTX1061 and HAP55

Process Unit(s) Description:
 BFB-1

Emissions Limitation: 0.046 1b/MMBTU / 30
Day / Limit / and 12-
month rolling

Monitor Mfg and Model Nbr: Thermo
Environmental 43I

Date of Last EMS Cert/Audit: 9/9/2015

Total Source Operating Time: 314 Hours

EMISSIONS DATA SUMMARY

1. Duration of excess emissions in reporting period due to:

a. Startup/Shutdown	0
b. Control equipment problems	0
c. Process Problems	0
d. Other known causes(load change, soot blow)	0
e. Unknown Causes	0

2. Total duration of excess emissions(hours): 0

3. $\frac{(\text{Total duration of excess emissions}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

CMS PERFORMANCE SUMMARY

1. CMS downtime in reporting period due to:

a. Monitor equip. malfunctions	0
b. Non-Monitor equip. malfunctions	0
c. Quality assurance calibration	0
d. Other known causes	0
e. Unknown Causes	0

2. Total CMS Downtime(hours): 0

3. $\frac{(\text{Total CMS Downtime}) \times (100)}{(\text{Total Source Operating Time})}$ 0%

On a separate page, describe any changes since last quarter in CMS, process or controls.

Southern Power Company
Plant Nacogdoches
Excess and Operational Report
Report Run Time: 4/25/2016 1:54:50 PM
Reporting Period: 01/01/2016 to 03/31/2016

Plant: Nacogdoches	Unit: BEB-1	QTR/Year: 1/2016
TX Acct#: NA-A003-C	TX Permit# 77679	PSD# PSDTX1061 and HAP55

NOx Excess Emissions (Limit: .10 lb/mmbtu, 30 day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling NOx excess emissions.

SO2 Excess Emissions (Limit: 0.046 lb/mmbtu, 30-day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling SO2 excess emissions.

CO Excess Emissions (Limit: 0.15 lb/mmbtu, 30-day avg and 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling CO excess emissions.

NH3 Excess Emissions (Limit: 15 ppm, 30-day avg and 14ppm, 12 month rolling)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
------	------	------	------	-------	---------------------	-------------------

There were no 30-Day or 12-Month rolling NH3 excess emissions.

Opacity Excess Emissions (Limit: 10%, 6 minute avg)

Date	Time	Fuel	Load	Value	Problem Description	Corrective Action
02/07/2016	12:18	BioMass	0	33.7	UNIT STARTUP	
02/07/2016	12:24	BioMass	0	27.9	UNIT STARTUP	
02/07/2016	12:42	BioMass	0	19.6	UNIT STARTUP	
02/07/2016	15:54	BioMass	0	19.7	UNIT STARTUP	
02/07/2016	16:00	BioMass	0	34.6	UNIT STARTUP	
02/07/2016	16:06	BioMass	0	27.9	UNIT STARTUP	
02/07/2016	16:12	BioMass	0	19.4	UNIT STARTUP	
02/07/2016	16:18	BioMass	0	34.8	UNIT STARTUP	
02/07/2016	16:24	BioMass	0	38.9	UNIT STARTUP	
02/07/2016	16:30	BioMass	0	23.5	UNIT STARTUP	

02/08/2016	07:24	BioMass	1	11.0	UNIT STARTUP	
02/10/2016	01:12	BioMass	0	33.9	UNIT STARTUP	
02/10/2016	01:18	BioMass	0	19.5	UNIT STARTUP	
02/10/2016	01:30	BioMass	0	11.0	UNIT STARTUP	

Southern Power Company
Continuous Monitoring System Downtime
Pollutant NOX, SO2, CO, NH3

Plant: Nacogdoches	Unit: BEB-1	Quarter/Year: 1 /2016
TX Acct #: NA-A003-C	TX Permit#: 77679	PSD#: PSDTX1061 and HAP55

DATE	BEGINNING HOUR (first hour of missing data)	ENDING HOUR (last hour of missing data)	TOTAL MINUTES	NATURE & CAUSE OF PROBLEM	CORRECTIVE ACTION
No monitor downtime for NOx, SO2, CO, or NH3 CEMS during this quarter.					

Southern Power Company
Continuous Monitoring System Downtime
Pollutant Opacity

Plant: Nacogdoches	Unit: BEB-1	Quarter/Year: 1 /2016
TX Acct #: NA-A003-C	TX Permit#: 77679	PSD#: PSDTX1061 and HAP55

DATE	BEGINNING HOUR (first hour of missing data)	ENDING HOUR (last hour of missing data)	TOTAL MINUTES	NATURE & CAUSE OF PROBLEM	CORRECTIVE ACTION
No monitor downtime for the opacity monitor during this quarter.					

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Address 14780 HIGHWAY 204
City CUSHING State TX ZIP 75740

2 Your Internal Billing Reference

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☐ Yes
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