



August 29, 2004

Mr. James E. Stormer
Palm Beach Public Health Unit
Air Pollution Control Section
901 Evernia Street
West Palm Beach, Florida 33401

RECEIVED

AUG 20 2004

BUREAU OF AIR REGULATION

Dear Mr. Stormer,

Re: Semi-Annual Monitoring Report
Florida Power & Light - Riviera Plant
Title V Permit No. 0990042-003-AV

Florida Power & Light (FPL) submits this Semi-Annual Monitoring Report for the above referenced facility. Title V Permit Condition 43 of Appendices TV-4 (TV-1, 2, 3 or 4), which implements Rule 62-213.440(1)(b) 3a., states that "The permittee shall submit reports of required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports."

FPL has reviewed the above-referenced Title V permit for conditions related to monitoring and has reviewed all related monitoring information for the period of January 1, through June 30, 2004. The attachments identify any instances of Permit deviations from Permit "Monitoring Conditions" previously submitted quarterly or as required by Permit.

If you have any questions or require additional information, please contact either myself at (561) 845-3154 or Gary Moncrief at (561) 845-3103.

Sincerely,

A handwritten signature in black ink that reads "Jeff Smith".

Jeff Smith
Production Manager
(Responsible Official)

Attachments

cc:

Ajaya Satyal
Laxmana Tallam
Al Linero
File

Palm Beach County Health Dept.
FDEP District Office
FDEP Tallahassee

bcc:

Rick Blomgren
Mary Archer
Ralph Larrubia

PRV/PRV
JES/JB
GPA/JB



July 6, 2004

Palm Beach County Health Department
Air Section
P.O. Box 29
West Palm Beach, Florida 33402

RE: Florida Power & Light Company
Riviera Power Plant
Malfunction and Excess Emissions Reports
Title V Permit No.: 0990042-001-AV

As required by the Title V Air Operation Permit for the units at the above facility, enclosed are the Malfunction and Excess Emissions Reports for the Second calendar quarter of 2004.

No used oil was burned at this facility during this calendar quarter.

If you have any questions, please call me at (561) 845-3154.

Sincerely,

Rich Blomgren
Rick Blomgren
For

Jeff Smith
Production Manager
Riviera Plant

Enclosures

cc: Department of Environmental Protection

SUMMARY REPORT

Excess Emission and Monitoring System Performance

Pollutant: Opacity Emission Limit: 40%, 6-minute average
Reporting Period Dates: 04/01/2004 - 06/30/2004 Monitor Manufacturer: Phoenix
Company: Florida Power & Light Co. Model Number: OPAC 20/20
Address: 200-300 Broadway, Riviera Beach, Fl. 33404 Date of Latest CMS Certification or Audit: April 12, 2001
Process Unit Description: Unit 4 Total Source Operating Time During Reporting Period: (Minutes) 86,075

Emission Data Summary (1)

Duration of excess emissions in reporting period due to:

A. Startup/shutdown: 0
B. Control equipment problems: 12
C. Process problems: 0
D. Other known problems: 0
E. Unknown causes: 0

Total duration of excess emissions x (100) = 0.014% (2)
(Total source operating time)

CMS Performance Summary (1)

CMS downtime in reporting period due to:

A. Monitor equipment malfunction: 0
B. Non-Monitor equipment malfunctions: 510
C. Quality assurance calibration: 156
D. Other know causes: 0
E. Unknown causes: 0

Total CMS downtime: 666
Total CMS downtime x (100) = 0.774% (2)
(Total source operating time)

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

I certify that the information in this report is true, accurate and complete.

Jeff Smith
Name

Production Manager
Title

Rick Blomgren For
Signature RICK BLOMGREN

6-Jul-04
Date

(1) Record all time in minutes.

(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent of the total operating time, both the Summary Report and the Excess Emission Report described in Section 60.7(c) shall be submitted.

SUMMARY REPORT

Excess Emission and Monitoring System Performance

Pollutant: Opacity Emission Limit: 40%, 6-minute average
Reporting Period Dates: 04/1/2004 - 06/30/2004 Monitor Manufacturer: Phoenix
Company: Florida Power & Light Co. Model Number: OPAC 20/20
Address: 200-300 Broadway, Riviera Beach, Fl. 33404 Date of Latest CMS Certification or Audit: May 10, 2001
Process Unit Description: Unit 3 Total Source Operating Time During Reporting Period: (Minutes) 109,889

Emission 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 problems: 0
E. Unknown causes: 0

Total duration of excess emissions x (100) = 0.000% (2)
(Total source operating time)

CMS Performance Summary (1)

CMS downtime in reporting period due to:

A. Monitor equipment malfunction: 0
B. Non-Monitor equipment malfunctions: 0
C. Quality assurance calibration: 162
D. Other know causes: 90
E. Unknown causes: 0

Total CMS downtime: 252

Total CMS downtime x (100) = 0.229% (2)
(Total source operating time)

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

I certify that the information in this report is true, accurate and complete.

Jeff Smith
Name

Production Manager
Title

Rich Blomgren For
Signature Rich Blomgren

6-Jul-04
Date

(1) Record all time in minutes.

(2) For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent of the total operating time, both the Summary Report and the Excess Emission Report described in Section 60.7(c) shall be submitted.



FAX

Florida Power & Light
200-300 Broadway
Riviera Beach, FL 33404

Power Generation – Riviera Power Plant

TO: Mr. Ajaya Satyal

Fax #: 561-804-9405

FROM: Gary D. Moncrief
(561) 845-3103

Fax (561) 845-3145

DATE: May 30, 2004

SUBJECT: FPL Riviera Plant Opacity Event due to malfunction

Mr. Satyal:

As requested during our conversation this morning, the following are the details of the opacity excursion event at the Florida Power & Light (FPL) Riviera Plant.

On the morning of May 30, 2004 at 5:17 AM the Riviera Plant experienced an equipment malfunction that resulted in (1) six-minute average period of 50% opacity. The Unit 4 east airflow transmitter began indicating erroneously high readings, which caused the control system to reduce the air being supplied to the boiler. This resulted in running with insufficient air to support proper combustion. The east airflow transmitter was immediately taken out of service and the Unit continued operation using the west airflow transmitter. The entire air flow system is being inspected for any other potential issues while repairs on the east air flow transmitter system are being executed.

If you require any more information, please do not hesitate to call me. My cell-phone number, should you need to reach me immediately, is 561-307-6674.

Thank you,

A handwritten signature in black ink, appearing to read 'Gary D. Moncrief', written in a cursive style.

Gary D. Moncrief



FAX

Florida Power & Light
200-300 Broadway
Riviera Beach, FL 33404

Power Generation – Riviera Power Plant

TO: Mr. Ajaya Satyal

Fax #: 561-804-9405

FROM: Gary D. Moncrief
(561) 845-3103

Fax (561) 845-3145

DATE: June 02, 2004

SUBJECT: FPL Riviera Plant Opacity Event due to malfunction

Mr. Satyal:

As requested during our conversation this afternoon, details of the opacity excursion event at the Florida Power & Light (FPL) Riviera Plant are as follows:

On the morning of June 2, 2004 at 07:37 the Riviera Plant experienced an equipment malfunction that resulted in (1) six-minute average opacity excursion of 46%. The Unit 4 Boiler-Master hand/auto station failed. The hand/auto station controls the fuel / air mixture in the furnace. Its failure caused improper combustion and led to the 46% event. The hand/auto station was replaced immediately and the unit controls are back to normal.

If you require any more information, please do not hesitate to call me. My cell-phone number, should you need to reach me immediately, is 561-307-6674.

Thank you,

A handwritten signature in black ink that reads "Gary D. Moncrief".

Gary D. Moncrief