

WEST COUNTY POWER PARTNERS, LLC

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Florida Power & Light Company
West County Energy Center – Unit 1&2
Permit No. – PSD-FL-354
DEP File No. – 0990646-001-AC

WCPP Project 144553
WCPP Files 14.0200/32.0585
WCPP-2009-TP-555
October 1, 2009

RECEIVED

OCT 02 2009

E-mail, Express Mail

Ms. Trina Vielhauer
Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation, Bureau Chief
2600 Blair Stone Road, MS 5500
Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

Subject: Ammonia Flow Meter Calibrations for Unit #1

Dear Ms. Vielhauer:

On behalf of Florida Power & Light Company (FPL) and its Designated Representative, Sheila M. Wilkinson, the West County Power Partners, LLC (WCPP), EPC Contractor for construction of the new combined cycle generating unit at the FPL West County Energy Center – Unit 1, is submitting this notification in accordance with the regulations cited below.

This correspondence is to serve as notification to the Department, in accordance with the Florida Statutes, Chapter 62-4 and 62-212 of the Florida Administrative Code [Rules 62-4.070(3) and 62-212.400 (BACT), F.A.C.]. Prior to performing the initial compliance tests, FPL is providing this notification of the ammonia flow meter calibrations for Unit 1 (CT – 1A, 1B, and 1C).

In accordance with these conditions, West County Power Partners is hereby submitting the ammonia flow meter calibrations and the corresponding transmitter configuration reports.

Below are the individual flow meter calibration and transmitter configuration reports for each CT.

- 1) CT 1A -- Flow Meter Calibration Serial ID: 14054389
Transmitter Configuration Serial ID: 7311429
- 2) CT 1B -- Flow Meter Calibration Serial ID: 14053505
Transmitter Configuration Serial ID: 7311405
- 3) CT 1C -- Flow Meter Calibration Serial ID: 14072762
Transmitter Configuration Serial ID: 7311505

Attached are the corresponding documents for the ammonia flow calibrations for Unit #1.
If you have any questions about this notification, please contact Terry Apple at (913) 458-7220 or
John Tidwell at (561) 784-8048.

Very truly yours,

WEST COUNTY POWER PARTNERS, LLC




Chet Chet Lloyd
Project Executive


WS:hs

Enclosures

cc: Dave McNeal, USEPA Air, Pesticides and Toxics Management
Kevin Tran, USEPA Clean Air Markets Division
Errin Pichard, FDEP Air Resource Management
Lee Hoefert, FDEP Southeast District
Tim Gray, FDEP Southeast District
Tom Cascio, FDEP Bureau of Air Regulation
Mike Halpin, FDEP Siting Coordination Office
K. M. Davis, FPL ACG/GO
E.N. Scoville II, FPL Director Construction
Sheila M. Wilkinson, FPL Designated Rep
Laxmana Tallam, PBC Health Department
Jim Stormer, PBC Health Department
Tom Tittle, PBC Health Department
Tom Young, FPL Construction Project General Manager
Jan Kirwan, FPL Environmental Specialist
Carmine Priore, FPL Plant General Manager
Chet Lloyd, WCPP Project Executive
John Tidwell, WCPP Senior Project Manager
Greg Hines, WCPP Site Environmental Manager
Terry Apple, WCPP Project Manager/ Project File
William Stevenson, WCPP Environmental Specialist

Micro Motion, Inc.**Mass Flowmeter Calibration Certificate****14054389**

Product Code	Serial ID		Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14054389		10030304	1	3	FE-X200

ProcessProcess ID: 7.19117586 

Process Time: 2007.08.30 12:06:20

Process Stand: TSM1E@SSCC

Stand Uncertainty: +/- 0.03%

Fluid: H2O

100% Rate: 22.6796 KG/MIN

Pickoff: 1

100% P/T: 52.58 PSIG/21.4 C

Results

Status: PASS

D1: 0

D2: 1

K1: 4447.946

K2: 4668.818

DT: 4.34

FD: 0

DTG: 0

DFQ1: 0

DFQ2: 0

FlowCal: 39.3694.65

FFQ: 0

FTG: 0

DensCal: 04448046694.34

FCF: 39.369

FT: 4.65

D. GARCIA
Technician

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14054389	10030304	1	3	FE-X200
IFT9703IC6N3UEZ	7311429	10030304	2	3	FT-200

Process

Process ID:1.22487906
Process Time:2007.09.26 19:58:53
Process Stand:SSCB-CONFIG1@SSCB

**Sensor**

DensCal:04448046694.34
FlowCal:39.3694.65

Units


Flow Unit:KG/MIN


Ranges

Frequency Hertz:1000
Frequency Rate:22.67959
mA1 LRV:0
mA1 URV:22.67959

Other

Calibration Process ID:7.19117586
Flow Damping:0.8
Mass Flow Cutoff:0.06479996

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14053505	 10030304	1	2	FE-X200

ProcessProcess ID: 7.19109804 

Process Time: 2007.08.17 8:12:12

Process Stand: TSM1E@SSCC

Stand Uncertainty: +/- 0.03%

Fluid: H2O

100% Rate: 22.6796 KG/MIN

Pickoff: 1

100% P/T: 49.6 PSIG/21.4 C

Results

Status: PASS

D1: 0

D2: 1

K1: 4553.564

K2: 4778.694

DT: 4.34

FD: 0

DTG: 0

DFQ1: 0

DFQ2: 0

FlowCal: 38.8734.65

FFQ: 0

FTG: 0

DensCal: 04554047794.34

FCF: 38.873

FT: 4.65

D. GARCIA
Technician

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14053505	10030304	1	2	FE-X200
IFT9703IC6N3UEZ	7311405	10030304	2	2	FT-X200

Process

Process ID:1.22488355
Process Time:2007.09.26 22:37:16
Process Stand:SSCB-CONFIG1@SSCB

**Sensor**

DensCal:04554047794.34
FlowCal:38.8734.65

Units

Flow Unit:KG/MIN


Ranges


Frequency Hertz:1000
Frequency Rate:22.67959
mA1 LRV:0
mA1 URV:22.67959

Other

Calibration Process ID:7.19109804
Flow Damping:0.8
Mass Flow Cutoff:0.06479996

Micro Motion, Inc.**Mass Flowmeter Calibration Certificate****14072762**

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14072762	 10039125	1	2	

ProcessProcess ID: 7.19163822 

Process Time: 2008.01.25 9:35:53

Process Stand: TSM1E@SSCC

Stand Uncertainty: +/- 0.03%

Fluid: H2O

100% Rate: 22.6796 KG/MIN

Pickoff: 1

100% P/T: 56.72 PSIG/21.3 C

Results

Status: PASS

D1: 0

D2: 1

K1: 4465.026

K2: 4683.958

DT: 4.34

FD: 0

DTG: 0

DFQ1: 0

DFQ2: 0

FlowCal: 40.2084.65

FFQ: 0

FTG: 0

DensCal: 04465046844.34

FCF: 40.208

FT: 4.65

D. GARCIA
Technician

Micro Motion, Inc.**Transmitter Configuration Report****7311505**

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
R025S319NIAUEZZZZ	14072762	10039125	1	2	
IFT9703IC6N3UEZ	7311505	10039125	2	2	

Process

Process ID:1.23139290
Process Time:2008.02.27 22:50:00
Process Stand:SSCB-CONFIG1@SSCB

**Sensor**

DensCal:04465046844.34
FlowCal:40.2084.65

Units

Flow Unit:KG/MIN

Ranges

Frequency Hertz:1000
Frequency Rate:22.67959
mA1 LRV:0
mA1 URV:22.67959

Other

Calibration Process ID:7.19163822
Flow Damping:0.8
Mass Flow Cutoff:0.06479996