



September 13, 2013

Jonathan Holtom, P.E., CPM
Florida Department of Environmental Protection
Division of Air Resource Management
Office of Permitting and Compliance
Permitting Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

**Re: FDEP "Request for Additional Information (RAI)" Regarding Air Construction and Title V Revision
Application File Nos. 0110037-009-AC and 0110037-010-AV.**

Dear Mr. Holtom,

Please find the following enclosure(s) for the Air Construction Permit and joint Title V Permit Revision Application afore-referenced for the Lauderdale Title V facility (Facility ID: 0110037):

1. One (1) Hard copy of the Lauderdale RAI Data Analysis
2. Two (2) Original Copies of Professional Engineer Seal
3. One (1) Copy of FDEP's RAI provided on July 16, 2013
4. One (1) Copy of FPL's 9/13/13 revised Requested Site-Specific Excess Emission Language document

The purpose of this package is to satisfy the Department's Request for Additional Information (RAI) regarding an air construction permit and joint Title V permit revision to incorporate site-specific excess emission language at FPL's Lauderdale facility via Florida Rule 62-210.700(5), F.A.C..

Please note that the attached data analysis consists of one (1) actual past operational event per "emission scenario" (e.g. hot startup, cold startup, shutdown, etc.). Since this package was submitted out of necessity to ensure that site-specific emission data would be approved, and effective, by January 1, 2014, this time constraint did not allow FPL to query data from a broad spectrum of past actual operational events that vary in operational and climatological parameters (e.g. seasonal fluctuations in temperature, varying fuel types, different cycling scenarios, etc.). This time constraint also did not provide sufficient time for the adequate future projections of other parameters that may alter cycling frequencies and fuel preferences (e.g. emergency gas shortages/curtailments, alterations in FPL's asset profile, changing federal and state regulations, variations in FPL customer demand, etc.). Thus, to account for possible variations, FPL requests the revised duration(s) specified for each such emission scenario (please see enclosure 4). FPL would embrace the opportunity to discuss with DEP the data and requested excess emission language.

an FPL Group company

If you have any questions, please do not hesitate to contact Jeffrey Zuczek at (561)-691-2635, or via email at Jeffrey.Zuczek@fpl.com.

Sincerely,



Dwayne Harper
PGD Plant General Manager
Lauderdale Facility
Florida Power & Light Company

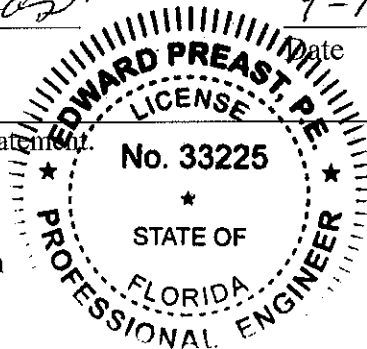
(5) enclosures

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Edward Preast Registration Number: 33225
2. Professional Engineer Mailing Address... Organization/Firm: Florida Power & Light Company Street Address: 700 Universe Blvd City: Juno Beach State: Florida Zip Code: 33408
3. Professional Engineer Telephone Numbers... Telephone: (561) - 346 5312 ext. Fax: (561) 691 - 7070
4. Professional Engineer E-mail Address: Ed.Preast@fpl.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <p>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</p> <p>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</p> <p>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/>, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.</p> <p>(4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/>, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input checked="" type="checkbox"/>, if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.</p> <p>(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/>, if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</p> <p><i>Edward Preast</i> Signature _____ Date <u>9-16-13</u> (seal)</p>

* Attach any exception to certification statement.

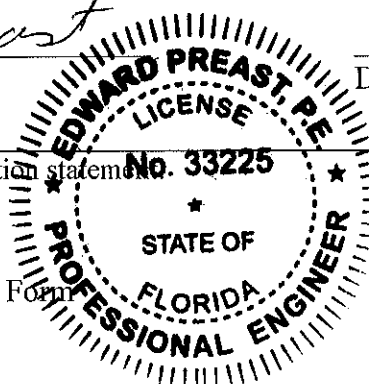


APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Edward Preast Registration Number: 33225
2. Professional Engineer Mailing Address... Organization/Firm: Florida Power & Light Company Street Address: 700 Universe Blvd City: Juno Beach State: Florida Zip Code: 33408
3. Professional Engineer Telephone Numbers... Telephone: (561) - 346 5312 ext. Fax: (561) 691 - 7070
4. Professional Engineer E-mail Address: Ed.Preast@fpl.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> (1) <i>To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i> (2) <i>To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i> (3) <i>If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/>, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.</i> (4) <i>If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/>, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit/revision or renewal for one or more proposed new or modified emissions units (check here <input checked="" type="checkbox"/>, if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.</i> (5) <i>If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</i> <i>Edward Preast</i> Signature _____ Date <u>9-16-13</u> (seal) _____

* Attach any exception to certification statements



The purpose of this joint air construction permit and Title V revision is to request site-specific excess emission language under the authority of FL Rule 62-210.700(5), F.A.C.. The underlying PSD permit (PSD-FL-145) is absent of excess emission language, thereby not requiring a modification. As such, this language will have to be incorporated within a new air construction permit for the facility in conjunction with an immediate change in the current Title V air operation permit associated condition(s). Thus, the Title V revision will serve to immediately incorporate this proposed project. FPL is requesting the following language for the Lauderdale Power Plant facility strictly for the four (4) combustion turbines (EU 035-038):

Excess Emissions Allowed. As specified in this condition, excess emissions resulting from startup, shutdown, fuel switches, or documented malfunctions are allowed provided that operators employ the best operational practices to minimize the amount and duration of emissions during such incidents. For each combustion turbine/HRSG System, excess emissions of NO_x from startup, shutdown, fuel switches, or malfunction shall be excluded from CEMS data in any 24-hour period for the following conditions (These conditions are considered separate events and each event may occur independently within any 24-hour period):

a. Steam Turbine Cold Startup. For cold startup of the steam turbine, excluded emissions from any combustion turbine/HRSG system shall not exceed six (6) hours in any 24-hour period. A cold “startup of the steam turbine” is defined as startup of the 2-on-1 combined cycle system when the steam turbine high pressure metal temperature is below 250 degrees F.

{Permitting Note: During a cold startup of the steam turbine, each combustion turbine/HRSG system is sequentially brought on line at low load to gradually increase the temperature of the steam-electrical turbine and prevent thermal metal fatigue. Note that shutdowns and documented malfunctions are separately regulated in accordance with the requirements of this condition.}

b. Combustion Turbine/HRSG System Cold Startup. For cold startup of a combustion turbine/HRSG system, excluded emissions shall not exceed four (4) hours in any 24-hour period. “Cold startup of a combustion turbine/HRSG system” is defined as a startup when the pressure in the high-pressure (HP) steam drum is below 600 pounds per square inch gauge (psig).

c. Combustion Turbine/HRSG System Hot Startup. For hot startup of a combustion turbine/HRSG system, excluded emissions shall not exceed two (2) hours in any 24-hour period **(or shall not exceed 8 hours per 4-unit site, with the additional provision of a limit of 2 hot startup periods per 24 hours per unit).** “Hot startup of a combustion turbine/HRSG system” is defined as a startup when the pressure in the high-pressure (HP) steam drum is above 600 psig.

d. Shutdown Combined Cycle Operation. For shutdown of the combined cycle operation, excluded emissions from any combustion turbine/HRSG system shall not exceed two (2) hours in any 24-hour period.

e. Combustion Turbine/HRSG System Shutdown. For shutdown of the combustion turbine/HRSG operation, excluded emissions from any combustion turbine/HRSG system shall not exceed one (1) hour in any 24-hour period.

f. Fuel Switching. For fuel switching, excluded emissions shall not exceed one (1) hour in any 24-hour period for each fuel switch and no more than two (2) hours in any 24-hour period for any combustion turbine/HRSG system.

g. Documented Malfunction. For the combustion turbine/HRSG system, excess emissions of NO_x resulting from documented malfunctions shall not exceed two (2) hours in any 24-hour period. A "documented malfunction" means a malfunction that is documented within one working day of detection by contacting the Compliance Authority by telephone, facsimile transmittal, or electronic mail.

Combustion Turbine/HRSG System Cold Startup

Date: 08/11/13 Unit: 5A Duration: 2:04
 Time stamp at start of > 42 ppm (CEMS Time) 4:34
 Time stamp at end of > 42 ppm (CEMS Time) 6:37

	Time	CEMS Time	Nox Corrected Instant (PPM)	Gross Load MW	Heat Input Rate MMBtu/Hr
Unit starts up	5:26	4:26	19.2	-0.2	204
	5:27	4:27	18.5	-0.1	235
	5:28	4:28	21.3	-0.1	267
	5:29	4:29	24.1	-0.2	297
	5:30	4:30	27.1	-0.2	332
	5:31	4:31	31.5	-0.1	368
	5:32	4:32	35	-0.1	379
	5:33	4:33	39.4	-0.1	385
Start > 42 ppm	5:34	4:34	42.4	-0.2	395
	5:35	4:35	43.3	-0.2	390
	5:36	4:36	44.9	-0.1	370
	5:37	4:37	50.9	-0.1	373
	5:38	4:38	50.1	-0.1	374
	5:39	4:39	51	-0.1	375
	5:40	4:40	52.5	-0.1	373
	5:41	4:41	53.9	0.2	373
	5:42	4:42	56.6	0.4	374
	5:43	4:43	58.3	0.4	380
	5:44	4:44	59.6	0.4	375
	5:45	4:45	60.3	0.3	380
In calibration:	5:46	4:46	60.9	0.3	375
In calibration:	5:47	4:47	238.8	0.4	374
In calibration:	5:48	4:48	-888.8	2.3	387
In calibration:	5:49	4:49	-888.8	6.1	412
In calibration:	5:50	4:50	-888.8	8.1	423
In calibration:	5:51	4:51	-888.8	9.1	431
In calibration:	5:52	4:52	-888.8	8.5	425
In calibration:	5:53	4:53	-888.8	9	429
In calibration:	5:54	4:54	4.6	8.8	428
In calibration:	5:55	4:55	28.7	8.5	425
In calibration:	5:56	4:56	35.1	8.7	426
In calibration:	5:57	4:57	35	8	422
In calibration:	5:58	4:58	35.3	9	428
In calibration:	5:59	4:59	35.4	9.8	432
In calibration:	6:00	5:00	33.7	10.7	426
In calibration:	6:01	5:01	66.7	8.7	410
In calibration:	6:02	5:02	146.4	5.9	401
In calibration:	6:03	5:03	150.6	6.4	410
In calibration:	6:04	5:04	150.6	8.5	423
In calibration:	6:05	5:05	150.9	8.9	427
In calibration:	6:06	5:06	150.9	8.4	422
In calibration:	6:07	5:07	807.7	8.7	425
In calibration:	6:08	5:08	1425.8	8.3	421
In calibration:	6:09	5:09	9.3	9.1	426
In calibration:	6:10	5:10	25.3	8.8	425
	6:11	5:11	62.7	7.9	419
	6:12	5:12	64.5	8.6	422
	6:13	5:13	64.2	8.4	422
	6:14	5:14	64.8	8.2	420
	6:15	5:15	64	8.7	423
	6:16	5:16	64.8	7.6	416
	6:17	5:17	65.4	6.8	409
	6:18	5:18	65.9	8.1	420
	6:19	5:19	65	8.3	420
	6:20	5:20	64.8	9.2	425
	6:21	5:21	64.2	11.6	440
	6:22	5:22	62.4	12	433
	6:23	5:23	56.4	9.9	418
	6:24	5:24	61.4	8.9	410
	6:25	5:25	61.6	9.8	417
	6:26	5:26	59.3	13.7	445
	6:27	5:27	56.4	16.8	468
	6:28	5:28	57.5	19.4	488

Combustion Turbine/HRSG System Cold Startup

6:29	5:29	58.1	21.5	505
6:30	5:30	60.1	22.7	513
6:31	5:31	61.7	28.8	558
6:32	5:32	59.7	39.2	638
6:33	5:33	58.7	46	691
6:34	5:34	63	47.4	701
6:35	5:35	70.1	46.2	691
6:36	5:36	73.2	47	697
6:37	5:37	71.4	46.8	696
6:38	5:38	72	47.7	703
6:39	5:39	71	48	707
6:40	5:40	72.8	49.6	717
6:41	5:41	71.2	49	713
6:42	5:42	73.5	49.7	719
6:43	5:43	73.3	50.2	722
6:44	5:44	72.4	50.3	724
6:45	5:45	74.1	49.5	717
6:46	5:46	73.4	50.3	723
6:47	5:47	73.7	49.4	716
6:48	5:48	73.8	51.4	730
6:49	5:49	72.1	50.7	727
6:50	5:50	74.6	50	719
6:51	5:51	74.2	51.1	730
6:52	5:52	74.1	49.4	717
6:53	5:53	74.8	48.8	710
6:54	5:54	74.4	48.9	712
6:55	5:55	73.9	49.7	718
6:56	5:56	72.6	49.9	719
6:57	5:57	73	47.9	704
6:58	5:58	74.8	49.9	719
6:59	5:59	72	50.5	725
7:00	6:00	73.1	48.7	709
7:01	6:01	74.6	47.9	705
7:02	6:02	74	49	712
7:03	6:03	72.7	51.5	732
7:04	6:04	70.3	50.8	727
7:05	6:05	74.5	50.4	723
7:06	6:06	73.7	50.9	727
7:07	6:07	74	50.7	726
7:08	6:08	73.9	51.2	730
7:09	6:09	73	49.5	717
7:10	6:10	75.4	48.6	709
7:11	6:11	73.7	49.1	713
7:12	6:12	73.5	49.3	714
7:13	6:13	73.4	51	728
7:14	6:14	71.7	51	728
7:15	6:15	74.2	51.4	730
7:16	6:16	73.3	51.5	732
7:17	6:17	74.6	49.5	716
7:18	6:18	75.5	49.3	715
7:19	6:19	73.8	48.7	710
7:20	6:20	74.2	50.6	725
7:21	6:21	72.1	49.4	716
7:22	6:22	74.7	48.6	709
7:23	6:23	74.7	48.5	707
7:24	6:24	72.9	49.9	719
7:25	6:25	72.6	49.8	719
7:26	6:26	73.4	50.6	725
7:27	6:27	72.6	50.5	724
7:28	6:28	74.7	53.2	745
7:29	6:29	72	53.5	748
7:30	6:30	74.1	55.3	762
7:31	6:31	74.1	54.3	753
7:32	6:32	77	54.6	754
7:33	6:33	75.5	56	766
7:34	6:34	75.3	55.4	763
7:35	6:35	76.9	54.8	754
7:36	6:36	77.1	55.8	757
End > 42 ppm	7:37	63.4	54.9	749
	7:38	63.8	53.7	737
	7:39	63.9	55.3	751
	7:40	64.0	62.2	805

Combustion Turbine/HRSG System Hot Startup

Date: **06/20/13**

Unit: **4A**

Duration: **1:38**

Time stamp at start of > 42 ppm (CEMS Time) 6:15

Time stamp at end of > 42 ppm (CEMS Time) 7:52

	Time	CEMS Time	Nox Corrected Instant (PPM)	Gross Load MW	Heat Input Rate MMBtu/Hr
Unit starts up	7:08	6:08	21.5	-0.2	193
	7:09	6:09	21.7	-0.2	221
	7:10	6:10	24.5	-0.2	251
	7:11	6:11	27.1	0	283
	7:12	6:12	30.1	0	312
	7:13	6:13	34.5	-0.1	350
	7:14	6:14	38.2	-0.1	374
Start > 42 ppm	7:15	6:15	43.1	-0.1	377
	7:16	6:16	47.1	0.1	386
	7:17	6:17	48	0	385
	7:18	6:18	50.1	-0.2	365
	7:19	6:19	56.7	-0.2	364
	7:20	6:20	57	-0.2	365
	7:21	6:21	57.6	-0.2	369
	7:22	6:22	58.3	-0.1	373
	7:23	6:23	59	0.3	364
	7:24	6:24	61.6	0.5	369
	7:25	6:25	64.3	0.5	369
	7:26	6:26	65.7	0.5	370
	7:27	6:27	67.1	0.5	365
	7:28	6:28	67.8	8.8	420
	7:29	6:29	62.7	12.6	443
	7:30	6:30	62.1	14.6	457
	7:31	6:31	61.1	17.4	477
	7:32	6:32	63	18.9	488
	7:33	6:33	63.8	18.7	487
	7:34	6:34	64.5	19.9	493
	7:35	6:35	65.2	21.1	502
	7:36	6:36	65	22.9	515
	7:37	6:37	64	23.4	518
	7:38	6:38	65.7	22.8	513
	7:39	6:39	66.8	24.8	526
	7:40	6:40	65.1	25.4	533
	7:41	6:41	66	23.6	519
	7:42	6:42	67.6	26.3	536
	7:43	6:43	64.9	29.3	559
	7:44	6:44	64.9	29.6	561
	7:45	6:45	67	29.9	563
	7:46	6:46	67.2	30.7	569
	7:47	6:47	67.6	29.1	558
	7:48	6:48	68.2	29.4	560
	7:49	6:49	68	28.5	553
	7:50	6:50	68.8	28.8	556
	7:51	6:51	67.6	29.3	558
	7:52	6:52	68	28.8	556
	7:53	6:53	68.6	28.4	552
	7:54	6:54	68.6	29.9	563
	7:55	6:55	67.4	30.9	569
	7:56	6:56	67.8	34.4	594

Combustion Turbine/HRS System Hot Startup

	7:57	6:57	66.7	35.5	603
	7:58	6:58	68.9	36.3	608
	7:59	6:59	69.6	38	621
	8:00	7:00	69.3	38.2	622
	8:01	7:01	70.9	37.9	620
	8:02	7:02	70.5	37.5	618
	8:03	7:03	71.1	35.8	604
	8:04	7:04	71.1	34.4	596
	8:05	7:05	70.7	33.8	591
	8:06	7:06	70	38	620
	8:07	7:07	67.4	41.7	650
	8:08	7:08	68.4	41.3	646
	8:09	7:09	71.9	42.2	653
	8:10	7:10	71	42	652
	8:11	7:11	72.4	41.5	648
	8:12	7:12	71.9	41.4	648
	8:13	7:13	72.1	40.2	638
	8:14	7:14	72	40.3	639
	8:15	7:15	71.5	40.6	641
	8:16	7:16	71.5	41.8	650
	8:17	7:17	71.1	42.3	654
In calibration:	8:18	7:18	71.6	40.2	640
In calibration:	8:19	7:19	175.8	39.1	631
In calibration:	8:20	7:20	-151.7	38.9	627
In calibration:	8:21	7:21	-2.2	41.7	650
In calibration:	8:22	7:22	0	41.5	648
In calibration:	8:23	7:23	0	41.6	649
In calibration:	8:24	7:24	0	41.2	646
In calibration:	8:25	7:25	0	41.4	647
In calibration:	8:26	7:26	10.6	41.4	647
In calibration:	8:27	7:27	29.8	40.7	641
In calibration:	8:28	7:28	33.7	44.6	673
In calibration:	8:29	7:29	33.7	45.3	676
In calibration:	8:30	7:30	33.7	46.6	686
In calibration:	8:31	7:31	33.6	47.3	691
In calibration:	8:32	7:32	32.5	47.6	694
In calibration:	8:33	7:33	88.4	47.6	694
In calibration:	8:34	7:34	150.2	46	680
In calibration:	8:35	7:35	151.2	45.9	681
In calibration:	8:36	7:36	151.2	46.1	681
In calibration:	8:37	7:37	151.2	49.1	706
In calibration:	8:38	7:38	151.2	49.3	707
In calibration:	8:39	7:39	434.2	48	696
In calibration:	8:40	7:40	-1432.6	48.9	703
In calibration:	8:41	7:41	24.4	49.8	709
In calibration:	8:42	7:42	62.5	49.7	709
	8:43	7:43	74.6	49.3	705
	8:44	7:44	74.8	49.2	703
	8:45	7:45	74.8	49.5	706
	8:46	7:46	74.5	50.1	709
	8:47	7:47	72.7	49.9	707
	8:48	7:48	64.3	49	698
	8:49	7:49	60.6	49.1	702
	8:50	7:50	54	47.6	689
	8:51	7:51	48.7	48	692
End > 42 ppm	8:52	7:52	43	48.4	694
	8:53	7:53	39.7	48.3	692
	8:54	7:54	34.5	51	712
	8:55	7:55	31.3	55.4	745

Fuel Switching

Fuel Switching

Date: **07/27/13** Unit: **5B** Duration: **0:00**
 Time stamp at start of > 42 ppm (CEMS Time) na
 Time stamp at end of > 42 ppm (CEMS Time) na

	Time	CEMS Time	Nox Corrected Instant (PPM)	Gross Load MW	Heat Input Rate MMBtu/Hr
	11:58	10:58	26	79.8	929
	11:59	10:59	26.9	79.6	926
Commence Switch	12:00	11:00	28	80.7	937
	12:01	11:01	27.7	81.1	938
	12:02	11:02	29	79.4	926
	12:03	11:03	27.5	80.1	933
	12:04	11:04	26.6	80.1	932
	12:05	11:05	26.8	78.9	920
	12:06	11:06	27.1	80.6	934
	12:07	11:07	26.6	81	937
	12:08	11:08	27.2	79.5	925
	12:09	11:09	28	79.9	929
	12:10	11:10	26.9	80.2	931
	12:11	11:11	26.4	79.9	930
	12:12	11:12	27.9	80.5	934
	12:13	11:13	26.8	79.9	930
	12:14	11:14	27.2	81.3	940
	12:15	11:15	27.4	81.4	941
	12:16	11:16	27.9	80	929
	12:17	11:17	27.7	80.5	935
	12:18	11:18	27.2	81	938
	12:19	11:19	27	79.3	925
	12:20	11:20	27.4	79.4	925
	12:21	11:21	26.8	80.4	934
	12:22	11:22	26.5	79.5	926
	12:23	11:23	27.1	80.5	935
	12:24	11:24	26.7	82.1	947
	12:25	11:25	27	80.3	934
	12:26	11:26	27.9	79.2	926
	12:27	11:27	27.2	81	937
	12:28	11:28	26.5	81.4	939
	12:29	11:29	26.9	81.3	940
	12:30	11:30	27.7	82.2	948
	12:31	11:31	27.3	80.8	936
	12:32	11:32	27.9	80.5	934
	12:33	11:33	27.3	82	946
	12:34	11:34	26.9	81.7	942
	12:35	11:35	27.5	80.3	933
	12:36	11:36	27.5	80	929
	12:37	11:37	26.8	80	929
	12:38	11:38	26.3	79	922
	12:39	11:39	26.5	80.4	933
	12:40	11:40	26.2	80.8	937
	12:41	11:41	27.5	80.2	931
	12:43	11:43	35.4	85.3	485.2
	12:44	11:44	34.1	80	650.7
	12:45	11:45	38.9	77.7	767
	12:46	11:46	35.3	77.7	911.5
	12:47	11:47	36.1	80.8	1001.1
	12:48	11:48	37.7	77.5	972.1
	12:49	11:49	41.5	79.1	991.4
	12:50	11:50	37.3	80.9	1002.7
	12:53	11:53	31.1	77.6	245
	12:54	11:54	34.3	80.4	385
	12:55	11:55	34.9	80.5	509
	12:56	11:56	35.6	72	785
	12:57	11:57	38.4	77	902
	12:58	11:58	26.5	77.4	908
End fuel Switching	12:59	11:59	27.7	78.3	916
	13:00	12:00	27.9	78.3	916
	13:01	12:01	27.8	76.8	905

Steam Turbine Cold Startup

Date: 11/05/12

Unit: 5 ST

Duration: 2:05

Time stamp at start of > 42 ppm (CEMS Time) 0:47

Time stamp at end of > 42 ppm (CEMS Time) 3:26

Time	CEMS Time		5A			5B		
			NOx Corrected Instant (ppm)	Gross Load MW	Heat Input Rate MMBtu/Hr	NOx Corrected Instant (ppm)	Gross Load MW	Heat Input Rate MMBtu/Hr
0:33	0:33	Unit 5A starts up	16.5	-0.2	207	-888.8	0	0
0:34	0:34		13.7	-0.2	241	-888.8	0.1	0
0:35	0:35		12.2	-0.2	267	-888.8	0	0
0:36	0:36		12	-0.2	296	-888.8	0	0
0:37	0:37		13.2	-0.1	330	-888.8	0	0
0:38	0:38		15.6	-0.2	340	-888.8	0	0
0:39	0:39		19	-0.2	348	-888.8	0.1	0
0:40	0:40		21.7	-0.1	357	-888.8	0	0
0:41	0:41		23.8	-0.1	355	-888.8	0	0
0:42	0:42		27	-0.1	337	-888.8	-0.1	0
0:43	0:43		32.4	-0.1	341	-888.8	0	0
0:44	0:44		35.5	-0.2	345	-888.8	0.1	0
0:45	0:45		38.7	-0.2	349	-888.8	0	0
0:46	0:46		41.8	-0.1	355	-888.8	0	0
0:47	0:47	Start > 42 ppm	44.2	0.3	353	-888.8	0	0
0:48	0:48		46.8	0.3	363	-888.8	0	0
0:49	0:49		51.4	0.3	365	-888.8	0	0
0:50	0:50		54.1	0.4	365	-888.8	0	0
0:51	0:51		57.1	0.3	368	-888.8	0	0
0:52	0:52		56.2	0.3	364	-888.8	0	0
0:53	0:53	In Calibration	58.4	0.3	372	-888.8	0	0
0:54	0:54	In Calibration	137.8	0.3	362	-888.8	0.1	0
0:55	0:55	In Calibration	74.2	4.4	397	-888.8	0.1	0
0:56	0:56	In Calibration	0	7.5	413	-888.8	0	0
0:57	0:57	In Calibration	-2.2	7.8	417	-888.8	0	0
0:58	0:58	In Calibration	-2.2	7	408	-888.8	0	0
0:59	0:59	In Calibration	-2.2	8.4	420	-888.8	0	0
1:00	1:00	In Calibration	-2.2	9.4	424	-888.8	0.1	0
1:01	1:01	In Calibration	2.9	9.8	428	-888.8	0	0
1:02	1:02	In Calibration	25.8	11.8	430	-888.8	0.1	0
1:03	1:03	In Calibration	34.8	9.3	410	-888.8	0	0
1:04	1:04	In Calibration	34.6	9.1	409	-888.8	0	0
1:05	1:05	In Calibration	34.6	7.8	400	-888.8	0	0
1:06	1:06	In Calibration	34.6	8.8	408	-888.8	0	0
1:07	1:07	In Calibration	33.2	8.6	406	-888.8	0	0
1:08	1:08	In Calibration	69.8	9.1	411	-888.8	0	0
1:09	1:09	In Calibration	146.2	8.9	407	-888.8	-0.1	0
1:10	1:10	In Calibration	150.9	9.8	416	-888.8	0	0
1:11	1:11	In Calibration	150.9	10	416	-888.8	0.1	0
1:12	1:12	In Calibration	151.2	9.2	411	-888.8	0	0
1:13	1:13	In Calibration	151.2	9.7	413	-888.8	0	0
1:14	1:14	In Calibration	457.2	8.6	406	-888.8	0	0
1:15	1:15	In Calibration	538.2	9.1	410	11	-0.1	0
1:16	1:16	In Calibration	6.7	8	401	19.4	0.1	195
1:17	1:17		22.4	7.5	407	17.2	-0.1	224
1:18	1:18		55.5	8.7	420	16	0	254
1:19	1:19		59.9	10.2	429	16.1	0	286
1:20	1:20		58.6	13.1	439	17.5	0	316
1:21	1:21		54.8	10.2	419	20	0.1	351
1:22	1:22		57.6	9	409	22.9	0	376
1:23	1:23		58	6.8	397	27.3	0	379
1:24	1:24		57.6	5	395	32.2	0.1	388
1:25	1:25		62	8.1	418	34.7	0	388
1:26	1:26		58.3	10.9	430	38.9	0.1	366
1:27	1:27		57.6	11.2	427	45.1	-0.1	369
1:28	1:28		55	10.1	417	46.5	0	370
1:29	1:29		58.3	11.5	430	49.7	0.1	374
1:30	1:30		56.8	11.4	428	51.5	0.1	374
1:31	1:31		58	13.6	443	54.2	0	363
1:32	1:32		56.2	15	454	56.6	0.3	369
1:33	1:33		58.3	17.1	468	58.6	0.2	369

Start > 42 ppm

Steam Turbine Cold Startup

1:34	1:34	56.7	17.6	473	60.6	0.2	378	
1:35	1:35	59.8	17.7	472	60.7	0.2	369	
1:36	1:36	59.7	19.3	485	64	0.2	377	In Calibration
1:37	1:37	59.5	17.9	474	325.8	0.2	366	In Calibration
1:38	1:38	60.9	18.2	476	112.4	10.4	428	In Calibration
1:39	1:39	60.9	16.8	466	0	9.5	419	In Calibration
1:40	1:40	61.5	18.1	476	0	8.8	413	In Calibration
1:41	1:41	59.2	19.7	488	0	8.7	411	In Calibration
1:42	1:42	59.7	19.9	487	0	8.4	409	In Calibration
1:43	1:43	60.3	21.1	497	0	9.2	416	In Calibration
1:44	1:44	60.9	19.2	484	5.6	7.5	404	In Calibration
1:45	1:45	62.4	19.8	486	30.1	3.6	387	In Calibration
1:46	1:46	61.2	21.5	500	35.2	6.2	405	In Calibration
1:47	1:47	61	21.6	498	35.1	7.3	412	In Calibration
1:48	1:48	60.3	23	511	35.2	8.7	420	In Calibration
1:49	1:49	62.3	22.7	508	35.1	7	408	In Calibration
1:50	1:50	61.9	24.6	521	33.3	8.6	419	In Calibration
1:51	1:51	61.5	24.3	521	91	7.3	409	In Calibration
1:52	1:52	63.6	27.1	539	150.5	8.6	417	In Calibration
1:53	1:53	60.9	29.3	559	151.7	10	426	In Calibration
1:54	1:54	62.8	27.8	545	149.8	11.9	432	In Calibration
1:55	1:55	65	29.7	558	146.2	9.8	418	In Calibration
1:56	1:56	64.1	30.1	563	146.2	8.5	408	In Calibration
1:57	1:57	64.7	30.4	563	1710	8.8	409	In Calibration
1:58	1:58	64.2	33	583	487.1	9.6	416	In Calibration
1:59	1:59	65.5	38	622	18.7	9.4	414	In Calibration
2:00	2:00	63.9	40.6	640	54.2	10.1	420	In Calibration
2:01	2:01	67	41.3	646	60.6	9.6	417	
2:02	2:02	69.7	40.4	637	61.7	8.7	410	
2:03	2:03	69.8	41.9	650	61.3	9.3	415	
2:04	2:04	69.5	42	651	60.6	8.3	408	
2:05	2:05	69.8	44.1	667	60.8	9.2	413	
2:06	2:06	68.9	46.2	683	59.2	10.1	420	
2:07	2:07	70.9	44.9	671	60.2	9.8	418	
2:08	2:08	71.8	46.7	687	60.3	10.6	424	
2:09	2:09	71	43.7	662	59.5	8.6	409	
2:10	2:10	73.6	44.3	668	61.3	8.8	409	
2:11	2:11	70.9	46.4	685	60.1	9.8	417	
2:12	2:12	70.9	45.7	677	59	10.5	422	
2:13	2:13	72.2	48	698	59	11.8	432	
2:14	2:14	70.8	44.7	671	59.2	9.5	416	
2:15	2:15	74.3	44	664	62.3	8.5	408	
2:16	2:16	72.2	44.1	668	61.3	6.2	397	
2:17	2:17	71.9	43	658	62.1	4.2	389	
2:18	2:18	71.2	43.4	662	66.6	7.7	411	
2:19	2:19	71.4	44.3	669	59.8	12.2	438	
2:20	2:20	70.2	44.8	673	58.9	15.6	460	
2:21	2:21	71	43.5	662	55	13.4	443	
2:22	2:22	72.7	44.1	666	63.1	13.1	439	
2:23	2:23	70.4	45.3	676	61.1	13.4	443	
2:24	2:24	71.2	43.5	660	60.5	12.6	437	
2:25	2:25	72.1	44.5	671	60.6	13.3	442	
2:26	2:26	70.6	42.5	654	59.9	11.9	432	
2:27	2:27	72.5	43.3	660	61.8	12	432	
2:28	2:28	70	44.8	672	59.9	12.8	438	
2:29	2:29	71.1	44	665	59.5	13.8	445	
2:30	2:30	71.2	45.1	675	59.2	16	461	
2:31	2:31	71.6	43.9	664	58.9	17.6	471	
2:32	2:32	72	45.5	677	60	19.9	489	
2:33	2:33	70.6	43.8	665	59.7	20.8	495	
2:34	2:34	72.6	43.6	661	62.2	22.7	508	
2:35	2:35	70.9	46.4	686	61.4	24.9	524	
2:36	2:36	69.9	44.9	673	61.8	25.3	526	
2:37	2:37	72.5	46.4	685	63.7	26.1	533	
2:38	2:38	70.4	45.4	677	64	25.6	529	
2:39	2:39	73	44.5	670	65.7	25.6	529	
2:40	2:40	71.4	45	673	64.1	25.5	528	
2:41	2:41	72	43.7	664	64.8	24.7	522	
2:42	2:42	71.6	45.2	676	65.1	26.3	534	
2:43	2:43	70.6	43.1	659	63.8	26.1	532	
2:44	2:44	72.6	43.5	661	65.3	27.7	544	
2:45	2:45	70.5	45.3	677	64.7	29.8	559	

Steam Turbine Cold Startup

2:46	2:46	70.8	45.2	674	64.5	31	567	
2:47	2:47	71	48.8	703	64.8	34.3	592	
2:48	2:48	70.7	46.8	686	64.7	33.2	583	
2:49	2:49	73.1	46.7	686	67.9	33.5	587	
2:50	2:50	72.9	45.7	678	67.4	31.8	573	
2:51	2:51	73	46.4	684	68.9	34.7	595	
2:52	2:52	71	48	698	65.5	37.8	618	
2:53	2:53	72	47	686	66.4	37.7	616	
2:54	2:54	72.3	47.4	692	69.1	39.5	629	
2:55	2:55	72.8	45.8	679	68.5	38.1	618	
2:56	2:56	72.8	47.4	692	70.3	40.4	636	
2:57	2:57	70.9	47.1	691	67.6	41.8	646	
2:58	2:58	72.8	47.1	690	69.9	41.6	645	
2:59	2:59	71.7	48.2	698	70.6	41.3	642	
3:00	3:00	72.8	49.9	710	71.2	42.7	652	
3:01	3:01	71.6	52	727	69.6	46.8	684	
3:02	3:02	72.6	51.2	720	68.5	45.3	672	
3:03	3:03	74.6	51.6	724	73	45.8	676	
3:04	3:04	74.3	49.3	707	71.4	43.4	658	
3:05	3:05	76.1	48.8	702	73.7	43	655	
3:06	3:06	73.7	50.7	719	71.9	45	671	
3:07	3:07	72.8	49.2	704	71.5	43.5	659	
3:08	3:08	74	51.1	720	70.3	45.3	672	
3:09	3:09	72.6	49.7	708	69.8	44.8	667	
3:10	3:10	74.4	50.8	717	72	47	685	
3:11	3:11	72.7	50.9	719	70	47.6	689	
3:12	3:12	74.3	50	711	72	46.1	679	
3:13	3:13	74	50.4	715	72.7	46.7	684	
3:14	3:14	74.6	48.9	702	72.6	44.8	668	
3:15	3:15	74.3	49.9	710	73.1	46.5	681	
3:16	3:16	66.8	49.7	706	70.8	45.7	673	
3:17	3:17	59.6	50.8	713	72.5	47.4	687	
3:18	3:18	51.6	51.1	715	70.5	49.7	706	
3:19	3:19	End > 42 ppm	44.3	50.3	706	71.4	50.3	709
3:20	3:20		35.3	49.9	705	72.2	50.7	714
3:21	3:21		28.9	48	690	73.7	48	693
3:22	3:22		28.6	50.6	708	75.5	50.9	714
3:23	3:23		27.7	50.6	708	71.5	51.2	718
3:24	3:24		28.9	50.3	707	73.3	51.1	715
3:25	3:25		29	49.6	701	74.3	50.1	701
3:26	3:26		29.9	48.9	695	61.7	49	692
3:27	3:27		29.4	50.7	709	32.5	51.2	707
3:28	3:28		29	49.3	698	28	49.8	696
3:29	3:29		29.5	51.3	714	24.3	52	713
3:30	3:30		28	50.4	706	21.1	50.7	703
3:31	3:31		29.1	50.2	705	18.8	50.4	701

End > 42 ppm

Combustion Turbine/HRSG System Shutdown

Date: **04/25/13** Unit: **4B** Duration: **0:03**
 Time stamp at start of > 42 ppm (CEMS Time) 22:31
 Time stamp at end of > 42 ppm (CEMS Time) 22:33

Time	CEMS Time	Nox Corrected Instant (PPM)	Gross Load MW	Heat Input Rate MMBtu/Hr
22:30	21:30	29.7	161.3	1550
22:31	21:31	29.1	161.2	1549
22:32	21:32	29.3	160	1538
22:33	21:33	29.6	159.2	1531
22:34	21:34	28.8	155.4	1499
22:35	21:35	28.4	154.9	1495
22:36	21:36	27.2	153.3	1480
22:37	21:37	27.3	154.1	1489
22:38	21:38	27.2	152	1468
22:39	21:39	27.5	150	1452
22:40	21:40	26.8	149.4	1444
22:41	21:41	26.1	148.1	1432
22:42	21:42	26.3	149.1	1441
22:43	21:43	26.2	145.6	1413
22:44	21:44	26.6	143.3	1397
22:45	21:45	26	140.9	1377
22:46	21:46	25.6	137.9	1354
22:47	21:47	25.7	136.5	1344
22:48	21:48	25.3	134.1	1325
22:49	21:49	25.3	130.6	1299
22:50	21:50	25.3	128.2	1282
22:51	21:51	24.7	126.7	1271
22:52	21:52	24.7	126.3	1269
22:53	21:53	24.8	122.7	1239
22:54	21:54	25.3	119.6	1213
22:55	21:55	24.5	116	1186
22:56	21:56	24	114.1	1174
22:57	21:57	24.2	111.4	1153
22:58	21:58	24.2	110.4	1145
22:59	21:59	24.4	109.5	1142
23:00	22:00	24.6	105.8	1112
23:01	22:01	25	102.2	1087
23:02	22:02	24.1	99.4	1066
23:03	22:03	24.3	98.4	1061
23:04	22:04	24.5	96.6	1048
23:05	22:05	25.3	95	1039
23:06	22:06	25.3	92.2	1018
23:07	22:07	25.4	91.1	1013
23:08	22:08	25.4	87.8	987
23:09	22:09	25.9	84.7	967
23:10	22:10	26	82.1	947
23:11	22:11	26.4	81.2	941
23:12	22:12	26.2	78.5	919
23:13	22:13	26.8	74.3	887
23:14	22:14	26.7	70.3	856
23:15	22:15	26.8	68.8	845
23:16	22:16	26.6	69.5	850
23:17	22:17	26.9	69.4	849
23:18	22:18	27.4	67.4	834
23:19	22:19	27.4	66.5	826
23:20	22:20	27.2	66.3	824
23:21	22:21	27.1	67	829
23:22	22:22	27.1	67	829
23:23	22:23	27.1	69.7	850
23:24	22:24	26.9	70.5	857
23:25	22:25	28.2	68.5	843
23:26	22:26	28.7	64.9	814
23:27	22:27	28	54.7	739
23:28	22:28	28.7	44	662
23:29	22:29	30.2	38.5	622
23:30	22:30	39.1	30.8	567
Start > 42 ppm	23:31	43	23	510
	23:32	50.5	13.6	442
End >42 ppm	23:33	56.2	1.6	0
	23:34	-888.8	0	0

Combined Cycle Shutdown

Date: 02/13/13

Unit: 5

Duration: 0:01

Time stamp at start of > 42 ppm (CEMS Time) 0:00

Time stamp at end of > 42 ppm (CEMS Time) 0:00

Time	CEMS Time	5A			5B		
		NOx Corrected Instant (ppm)	Gross Load MW	Heat Input Rate MMBtu/Hr	NOx Corrected Instant (ppm)	Gross Load MW	Heat Input Rate MMBtu/Hr
21:00	21:00	27	78.6	907	24.9	111.8	1144
21:01	21:01	25.6	79.4	912	24.6	113.6	1156
21:02	21:02	26.4	76.4	891	24.5	113.6	1156
21:03	21:03	27	74.4	879	24.6	112.5	1148
21:04	21:04	26.1	72.2	863	24.1	110.2	1130
21:05	21:05	26.4	72.2	863	23.6	110.3	1131
21:06	21:06	26.4	75.1	883	23.1	113.9	1158
21:07	21:07	26.3	73.3	869	23.9	114.8	1164
21:08	21:08	27.4	66.7	826	25.3	115.9	1174
21:09	21:09	27.2	55.6	753	24.7	115.5	1169
21:10	21:10	27.3	42.5	665	24.1	111	1137
21:11	21:11	28.3	31.5	581	24.1	109.8	1128
21:12	21:12	29.4	23.1	511	22.8	109.8	1126
21:13	21:13	29.7	14.9	448	23.4	108.4	1116
21:14	21:14	29.2	3.4	374	25.5	109	1121
21:15	21:15	-888.8	0.1	0	23.9	110.8	1136
21:16	21:16	-888.8	-0.1	0	24.1	110.6	1134
21:17	21:17				25.2	109.9	1126
21:18	21:18				24.7	108.4	1114
21:19	21:19				22.9	108.3	1114
21:20	21:20				24	110.1	1129
21:21	21:21				24.9	109.2	1121
21:22	21:22				24.8	108.6	1116
21:23	21:23				24.9	109.4	1123
21:24	21:24				24.3	109.1	1121
21:25	21:25				24	110	1131
21:26	21:26				23.6	110.1	1131
21:27	21:27				24	106.5	1101
21:28	21:28				24.2	106.1	1098
21:29	21:29				23	105.7	1098
21:30	21:30				23.3	102.9	1074
21:31	21:31				24.6	99.7	1051
21:32	21:32				23.9	97.5	1034
21:33	21:33				23.6	94.2	1010
21:34	21:34				24	90.8	987
21:35	21:35				24.4	87.7	966
21:36	21:36				24.5	86.2	955
21:37	21:37				24.8	87.8	966
21:38	21:38				25.2	86.8	960
21:39	21:39				26.4	83.3	937
21:40	21:40				26.2	79.6	912
21:41	21:41				26.2	79.7	914
21:42	21:42				26	78.5	905
21:43	21:43				26.8	75.5	883
21:44	21:44				27.5	74.8	880
21:45	21:45				26.8	75.4	884
21:46	21:46				27.1	74.3	876
21:47	21:47				27.9	75.8	888
21:48	21:48				27.8	75.7	886
21:49	21:49				28.5	74.6	878
21:50	21:50				28.7	74.6	878
21:51	21:51				28.3	75.2	881
21:52	21:52				27.9	74	873
21:53	21:53				28.5	72.2	861
21:54	21:54				28.4	73	868
21:55	21:55				27.1	73.7	872
21:56	21:56				28.1	74.3	878
21:57	21:57				28.6	76.9	895
21:58	21:58				28.6	75.3	885
21:59	21:59				29.7	73.8	873
22:00	22:00				29.1	75.4	886

Unit 5A Offline

Combined Cycle Shutdown

22:01	22:01		27.5	76.4	891
22:02	22:02		27.9	75.3	883
22:03	22:03		28.9	74.3	878
22:04	22:04		27.5	75.8	886
22:05	22:05		27	71.8	861
22:06	22:06		28.4	61.7	795
22:07	22:07		28.5	50.3	719
22:08	22:08		29.5	39.5	644
22:09	22:09		30.8	31.2	585
22:10	22:10		35.2	21.8	519
22:11	22:11		37.1	11.9	439
22:12	22:12		40.9	7.3	397
22:13	22:13		45.7	0.7	0
22:14	22:14		-888.8	0	0



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

BOB MARTINEZ CENTER
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD
JR.
SECRETARY

ELECTRONIC MAIL - READ RECEIPT REQUESTED

Mr. Dwayne Harper, Plant General Manager
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

Re: Request for Additional Information Regarding Air Construction and Title V Revision Application
File Nos. 0110037-009-AC and 0110037-010-AV
Lauderdale Plant
Broward County

Dear Mr. Harper:

The Department received your application for an air construction permit and a Title V air operation permit revision for the above referenced facility on July 11, 2013. The application substantially addresses the information required to begin processing an air construction permit and a Title V permit. However, in order to finish the processing of this application, the Department is requesting the additional information outlined below pursuant to Rules 62-213.420(1)(b)3. and 62-4.070(1), F.A.C. Should your response to the item below require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

- In order to provide justification for the alternate requested excess emissions periods, please provide operational and emission related data for each of the submitted scenarios (i.e., cold startup, warm startup, hot startup, shutdown, etc.). The submitted data should include at least one period of each scenario representative of normal operations. The data should include the duration of each of the startup or shutdown periods, the duration of emissions in excess of the standards during each of the startup or shutdown periods, and the actual emissions as recorded by the CEMS during these periods. The data should also include the gross load (MW-hr) and heat input rate (MMBtu/hr) for the units for each of the scenarios.

Responsible Official (R.O.) Certification Statement. Rule 62-213.420, F.A.C., requires that all Title V permit applications must be certified by a responsible official. Due to the nature of the information requested above, your response should be certified by the responsible official. Please complete and submit a new R.O. certification statement page from the long application form, DEP Form No. 62-210.900(1), effective March 16, 2008.

Professional Engineer (P.E.) Certification Statement. Rule 62-4.050(3), F.A.C., requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. If your responses to the items above result in changes or include new calculations, please complete and submit a new P.E. certification statement page from the long application form, DEP Form No. 62-210.900(1), effective March 11, 2010.

The Department must receive a response from you within 90 (ninety) days of receipt of this letter, unless you (the applicant) request additional time under Rule 62-213.420(1)(b)5., F.A.C.

Request for Additional Information

If you should have any questions, please call Project Engineer, Tom Cascio, by telephone at 850-717-9077 or by email at tom.cascio@dep.state.fl.us.

Sincerely,



Digitally signed by
Jonathan Holtom
Date: 2013.07.16
09:40:05 -04'00'

Jon Holtom, P.E.
Environmental Administrator
Office of Permitting and Compliance
Division of Air Resource Management

JH/tbc

copy to:

Mr. Edward Preast, PE, Florida Power & Light: ed_prest@fpl.com
Mr. Jeffrey Zuczek, Florida Power & Light: jeffrey.zuczek@fpl.com
Mr. Joe Lurix, DEP, Southeast District: joe.lurix@dep.state.fl.us
Ms. Ana Oquendo, US EPA Region 4: oquendo.ana@epa.gov
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Ms. Barbara Friday, DEP, OPC: barbara.friday@dep.state.fl.us
Ms. Lynn Scarce, DEP, OPC: lynn.scarce@dep.state.fl.us