

JUN 03 2009

### BUREAU OF AIR REGULATION

### TAMPA ELECTRIC

June 2, 2009

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104 Via FedEx Airbill No. 7966 5600 0575

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301 Via FedEx Airbill No. 7976 4336 8782

Re: Tampa Electric Company (TEC)

H.L. Culbreath Bayside Power Station Unit 4
Notification of Actual Startup Date and Proposed Commercial Operation Date
Air Permit No. 0570040-026-AC

Dear Ms. Danois and Ms. Vielhauer:

Tampa Electric Company (TEC) is submitting a notification to the Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of the actual date of initial start-up as required by 40 CFR Part 60.7(a)(3), which states that a notification of the actual date of initial start-up of an affected facility shall be furnished within 15 days after such date. TEC hereby gives notice that the actual startup of Bayside Power Station (BPS) Unit 4 was May 27, 2009 as originally notified on April 27, 2009.

TEC is also submitting to the EPA and the FDEP the revised date of initial commercial operation of BPS Unit 4. Unit 4 is now scheduled to begin commercial operation on June 29, 2009. BPS Unit 4 is a PWPS FT8-3 SwiftPac aeroderivative simple cycle natural gas combustion turbine with a nominal output of 62 megawatt (MW) and a 60 foot stack.

TEC appreciates your cooperation in this matter and if you have any questions, please call me or Laurie Pence (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E. Air Programs Manager

Environmental, Health & Safety

ENVP/admin/LAP445 Actual Startup & COD Re-Notification

cc: Mr. Bruce Mitchell – FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



MAY 26 2009

BUREAU OF AIR REGULATION

Via FedEx

Via FedEx

Airbill No. 7976 1831 4005

Airbill No. 7976 1831 1495

Trina. Vielhauer@dep.state.fl.us

Via Email Notification



#### TAMPA ELECTRIC

May 22, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Re: Tampa Electric Company

H.L. Culbreath Bayside Power Station Unit 3 & 4

**Notification of Certification and Performance Testing Dates** 

Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer and Ms. Danois:

On May 8, 2009, TEC submitted the Monitoring Plan and Test Protocol for BPS Unit 3 and Unit 4. TEC is required by 40 CFR Part 60.8 and 40 CFR Part 75.61 respectively to perform and notify of performance and CEM certification testing. TEC is hereby submitting notification that the anticipated performance and CEM certification testing will be conducted during the week of July 13, 2009 for BPS Unit 4 and Unit 3. CEM shelter work for Unit 4 will begin during the week of May 25, 2009 and the week of June 1, 2009 for Unit 3. The CEM shelter work consists of the cycle response time, 7-day drift, linearity, calibrations and DAHS certification. The performance testing that will be held in June will consist of the RATA and stratification testing.

As the schedule changes TEC will keep the FDEP and EPCHC updated. TEC appreciates your cooperation in this matter and if you have any questions, please call me at (813) 228-4457.

Sincerely,

Laurie Pence

**Environmental Specialist** 

Air Programs

Environmental, Health & Safety

acerie Pence

ENVP\Admin\Staktest\2009\BPS120 BPS 3&4 Cert Notification

cc: Mr. Bruce Mitchell – FDEP

Ms. Mara Grace Nasca - FDEP SW District

Mr. Errin Pichard - Errin.Prichard@dep.state.fl.us

Mr. Jason Waters - watersj@epchc.org; Fax: 813-627-2660

CEM Section - AIREMS@dep.state.fl.us

TAMPA ELECTRIC COMPANY
P. D. BOX 111 TAMPA, FL 33601-0111



June 29, 2009

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Re: Tampa Electric Company (TEC)

H.L. Culbreath Bayside Power Station Unit 3 Notification of Actual Commercial Operation Date

Air Permit No. 0570040-026-AC

Dear Ms. Danois and Ms. Vielhauer:

TEC is submitting to the EPA and the FDEP the date of initial commercial operation as required by 40 CFR 75.61(a)(2)(ii), "a notification of the actual date shall be submitted no later than 7 days following the date the unit commences commercial operation or becomes affected, or the date when a new stack or flue gas desulfurization system exhausts emissions to the atmosphere." TEC hereby gives notice of commercial operation, for environmental purposes, of BPS Unit 3 on June 29, 2009. BPS Unit 3 is a PWPS FT8-3 SwiftPac aeroderivative simple cycle natural gas combustion turbine with a nominal output of 62 megawatt (MW).

TEC appreciates your cooperation in this matter and if you have any questions, please call me or Laurie Pence (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E. Air Programs Manager

Environmental, Health & Safety

ENVP/admin/LAP449 Actual COD Notification

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

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Via FedEx

Via FedEx

Airbill No. 7967 3510 5265

Airbill No. 7967 3511 2543



June 25, 2009

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JUN 26 2009

BUREAU OF AIR REGULATION

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104 Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301 Via FedEx Airbill No. 7977 1258 0922

Re:

Tampa Electric Company (TEC)

H.L. Culbreath Bayside Power Station Unit 4 Notification of Actual Commercial Operation Date Air Permit No. 0570040-026-AC

Dear Ms. Danois and Ms. Vielhauer:

TEC is submitting to the EPA and the FDEP the date of initial commercial operation as required by 40 CFR 75.61(a)(2)(ii), "a notification of the actual date shall be submitted not later than 7 days following: the date the unit commences commercial operation or becomes affected, or the date when a new stack or flue gas desulfurization system exhausts emissions to the atmosphere." TEC hereby gives notice of commercial operation, for environmental purposes, of BPS Unit 4 on June 25, 2009. BPS Unit 4 is a PWPS FT8-3 SwiftPac aeroderivative simple cycle natural gas combustion turbine with a nominal output of 62 megawatt (MW).

TEC appreciates your cooperation in this matter and if you have any questions, please call me or Laurie Pence (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E. Air Programs Manager

Environmental, Health & Safety

ENVP/admin/LAP448 Actual COD Notification

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



July 2, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Re:

**Tampa Electric Company** 

H.L. Culbreath Bayside Power Station Unit 3 & 4

Re-Notification of Certification and Performance Testing Dates

Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer and Ms. Danois:

On May 22, 2009, TEC submitted notification regarding performance and CEM certification testing on Units 3 and 4. TEC is hereby submitting re-notification for the performance testing. Unit 4 will be conducted on July 10, 2009 and Unit 3 is scheduled to be performed on July 22, 2009. The CEM certification testing began on June 26, 2009 and will continue through the week of July 6, 2009. The CEM certification testing consists of the cycle response time, 7-day drift, linearity, calibrations and DAHS certification. The performance testing that will be held in July will consist of the RATA and stratification testing.

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Airbill No. 7967 4473 3152

Trina. Vielhauer@dep.state.fl.us

Airbill No. 7967 4473 7353

Via Email Notification

Via FedEx

As the schedule changes TEC will keep the FDEP and EPCHC updated. TEC appreciates your cooperation in this matter and if you have any questions, please call me at (813) 228-4457.

Sincerely,

Laurie Pence

**Environmental Specialist** 

Air Programs

Environmental, Health & Safety

Laurie Pence

ENVP\Admin\Staktest\2009\BPS123 BPS 3&4 Cert Re-Notification

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca - FDEP SW District

Mr. Errin Pichard - Errin.Prichard@dep.state.fl.us

Mr. Jason Waters - watersj@epchc.org; Fax: 813-627-2660

CEM Section - AIREMS@dep.state.fl.us

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

The Call



July 7, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Re: Tampa Electric Company

H.L. Culbreath Bayside Power Station Unit 3 & 4 Re-Notification of Performance Testing Date Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer and Ms. Danois:

On July 2, 2009, TEC submitted re-notification regarding performance and CEM certification testing on Units 3 and 4. TEC is hereby submitting re-notification for the performance testing on Unit 4. Unit 4 will be conducted on July 14, 2009 and Unit 3 is still scheduled to be performed on July 22, 2009.

As the schedule changes TEC will keep the FDEP and EPCHC updated. TEC appreciates your cooperation in this matter and if you have any questions, please call me at (813) 228-4457.

Sincerely,

Laurie Pence Environmental Specialist

Air Programs

Environmental, Health & Safety

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ENVP\Admin\Staktest\2009\BPS124 BPS 3&4 Cert Re-Notification

cc: Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca - FDEP SW District

Mr. Errin Pichard - Errin.Prichard@dep.state.fl.us

Mr. Jason Waters - watersj@epchc.org; Fax: 813-627-2660

CEM Section - AIREMS@dep.state.fl.us

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P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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BUREAU OF AIR REGULATION

Airbill No. 7967 5442 5010

Airbill No. 7977 4144 6254

Trina. Vielhauer@dep.state.fl.us

Via Email Notification

Via FedEx

Via FedEx



March 26, 2009

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301 BUREAU OF AIR REGULATION
Via FedEx
Airbill No. 7974 4984 2311

RECEIVE

MAR 27 2009

Via FedEx Airbill No. 7964 6171 2170

Re:

Tampa Electric Company (TEC)

H.L. Culbreath Bayside Power Station Unit 6

Notification of Actual Startup Date and Commercial Operation Date

Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer:

Tampa Electric Company (TEC) is submitting a notification to the Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of the actual date of initial start-up as required by 40 CFR Part 60.7(a)(3), which states that a notification of the actual date of initial start-up of an affected facility shall be furnished within 15 days after such date. TEC hereby gives notice that the actual startup of Bayside Power Station (BPS) Unit 6 was March 21, 2009 as previously notified on February 20, 2009.

TEC is also submitting to the EPA and the FDEP the date of initial commercial operation as required by 40 CFR 75.61(a)(2)(ii), "a notification of the actual date shall be submitted not later than 7 days following: the date the unit commences commercial operation or becomes affected, or the date when a new stack or flue gas desulfurization system exhausts emissions to the atmosphere." TEC hereby gives notice of commercial operation, for environmental purposes, of BPS Unit 6 on March 25, 2009. BPS Unit 6 is a PWPS FT8-3 SwiftPac aeroderivative simple cycle natural gas combustion turbine with a nominal output of 62 megawatt (MW) and a 60 foot stack.

TEC appreciates your cooperation in this matter and if you have any questions, please call me or Laurie Pence (813) 228-4457.

Byron T. Burrows, P.E.

Air Programs Manager Environmental, Health & Safety

ENVP/admin/LAP434 Actual Startup & COD Notification

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



April 3, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Re: Tampa Electric Company

H.L. Culbreath Bayside Power Station Unit 5 & 6 Re-Notification of Performance Testing Dates Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer and Ms. Danois:

On March 18, 2009, TEC submitted initial testing notification for Bayside Units 5 & 6. TEC is hereby submitting re-notification that the anticipated performance testing will be conducted on April 23, 2009 for BPS Unit 6 and on May 4, 2009 for Unit 5.

As the schedule changes TEC will keep the FDEP and EPCHC updated. TEC appreciates your cooperation in this matter and if you have any questions, please call me at (813) 228-4457.

Sincerely,

Laurie Pence Environmental Specialist

Air Programs

Environmental, Health & Safety

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ENVP\Admin\Staktest\2009\BPS112 BPS 5&6 Cert Re-Notification

cc: Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca - FDEP SW District

Mr. Errin Pichard - Errin Prichard@dep.state.fl.us

Mr. Jason Waters - watersi@epchc.org; Fax: 813-627-2660

CEM Section - <u>AIREMS@dep.state.fl.us</u>

TAMPA ELECTRIC COMPANY P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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APR 06 2009

BUREAU OF AIR REGULATION

Airbill No. 7964 8875 6599

Airbill No. 7974 7679 8900

Trina. Vielhauer@dep.state.fl.us

Via Email Notification

Via FedEx

Via FedEx



April 3, 2009

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104 Via FedEx Airbill No. 7974 7679 8900

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301 Via FedEx Airbill No. 7964 8875 6599

Re: Tampa Electric Company (TEC)

H.L. Culbreath Bayside Power Station Unit 5 Notification of Actual Startup Date and Commercial Operation Date Air Permit No. 0570040-026-AC

Dear Ms. Danois and Ms. Vielhauer:

Tampa Electric Company (TEC) is submitting a notification to the Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of the actual date of initial start-up as required by 40 CFR Part 60.7(a)(3), which states that a notification of the actual date of initial start-up of an affected facility shall be furnished within 15 days after such date. TEC hereby gives notice that the actual startup of Bayside Power Station (BPS) Unit 5 was March 30, 2009.

TEC is also submitting to the EPA and the FDEP the date of initial commercial operation as required by 40 CFR 75.61(a)(2)(ii), "a notification of the actual date shall be submitted not later than 7 days following: the date the unit commences commercial operation or becomes affected, or the date when a new stack or flue gas desulfurization system exhausts emissions to the atmosphere." TEC hereby gives notice of commercial operation, for environmental purposes, of BPS Unit 5 on April 2, 2009. BPS Unit 5 is a PWPS FT8-3 SwiftPac aeroderivative simple cycle natural gas combustion turbine with a nominal output of 62 megawatt (MW) and a 60 foot stack.

TEC appreciates your cooperation in this matter and if you have any questions, please call me or Laurie Pence (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E. Air Programs Manager

Environmental, Health & Safety

ENVP/admin/LAP435 Actual Startup & COD Notification

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



APR 23 2009

### BLANDAU OF AIR REGULATION

Airbill No. 7965 4058 2886

Airbill No. 7975 2838 7671

Trina. Vielhauer@dep.state.fl.us

Via Email Notification

Via FedEx

Via FedEx

April 22, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104

Tampa Electric Company

H.L. Culbreath Bayside Power Station Unit 5 & 6 Re-Notification of Performance Testing Dates Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer and Ms. Danois:

On April 3, 2009, TEC submitted testing re-notification for Bayside Units 5 & 6. TEC is hereby submitting renotification that the anticipated performance testing will be conducted on April 28, 2009 for BPS Unit 6 and on May 5, 2009 for Unit 5.

As the schedule changes TEC will keep the FDEP and EPCHC updated. TEC appreciates your cooperation in this matter and if you have any questions, please call me at (813) 228-4457.

Sincerely,

Re:

Laurie Pence

**Environmental Specialist** 

Air Programs

Environmental, Health & Safety

Pacini Pence

ENVP\Admin\Staktest\2009\BPS116 BPS 5&6 Cert Re-Notification

cc: Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca - FDEP SW District

Mr. Errin Pichard - Errin.Prichard@dep.state.fl.us

Mr. Jason Waters - watersj@epchc.org; Fax: 813-627-2660

CEM Section - AIREMS@dep.state.fl.us

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



APR 28 2009

## BUREAU OF AR REGULATION

April 27, 2009

Ms. Gracy Danois U.S. Environmental Protection Agency, Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, Georgia 30303-3104 Via FedEx Airbill No. 7975 4246 1391

Ms. Trina Vielhauer Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301 Via FedEx Airbill No. 7965 5469 2864

Re: Tampa Electric Company

H.L. Culbreath Bayside Power Station Units 3 & 4 Anticipated Commercial Operations Notification Project No. 0570040-026-AC

Dear Ms. Danois and Ms. Vielhauer:

Tampa Electric Company (TEC) is notifying the Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of the anticipated date of initial commercial operations as required by 40 CFR 75.61(a)(2)(i), the designated representative for an affected unit shall submit written notification: For a new unit of the planned date when a new unit will commence commercial operation. TEC hereby gives notice that commercial operation for environmental purposes, of H.L. Culbreath Bayside Power Station Unit 3 will be on or about June 11, 2009 and for Unit 4 will be on or about June 11, 2009. BPS Units 3 and 4 are Pratt & Whitney FT8-3 SwiftPac aero derivative simple cycle natural gas combustion turbines with a nominal output of 62 megawatt (MW) and 60 foot stacks.

As the schedule changes TEC will keep the EPA and FDEP updated. If you have any questions, please call me or Laurie Pence at (813) 228-4457.

Sincerely,

Byron Burrows, P.E.

Alternate Designated Representative Environmental, Health & Safety

ENVP\Admin\LAP439 BPS 3-4 Anticipated COD

cc:

Mr. Bruce Mitchell - FDEP

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111



APR 2 8 2009

BUREAU OF AIR REGULATION Airbill No. 7965 5469 2864

April 27, 2009

Ms. Trina Vielhauer Chief, Bureau of Air Regulation Florida Department of Environmental Protection 111 South Magnolia Drive, Suite 4 Tallahassee, FL 32301

Tampa Electric Company (TEC) Re:

H.L. Culbreath Bayside Power Station Units 3 & 4 **Notification of Anticipated Startup Dates** 

Air Permit No. 0570040-026-AC

Dear Ms. Vielhauer:

Tampa Electric Company (TEC) is notifying the Florida Department of Environmental Protection (FDEP) of the anticipated dates of initial startup as required by 40 CFR Part 52.129(c)(7)(i), which states that the anticipated date of initial startup of source must be made not more than 60 days or less than 30 days prior to initial startup. TEC hereby gives notification that the anticipated startup of Bayside Power Station (BPS) Unit 3 is June 3, 2009 and anticipated startup for BPS Unit 4 is May 27, 2009. BPS Units 3 and 4 are Pratt & Whitney FT8-3 SwiftPac aero derivative simple cycle natural gas combustion turbines with a nominal output of 62 megawatt (MW) and 60 foot stacks.

As the schedule changes TEC will keep the FDEP updated. If you have any questions, please call me or Laurie Pence (813) 228-4457.

Sincerely,

Byron T. Burrows, P.E.

Alternate Designated Representative Environmental, Health & Safety

ENVP/admin/LAP438 BPS 3&4 Anticipated Startup Notification

Mr. Bruce Mitchell – FDEP c:

Ms. Mara Grace Nasca, FDEP SW District

Mr. Sterlin Woodard, EPCHC

TAMPA ELECTRIC COMPANY P. O. BOX 111 TAMPA, FL 33601-0111