From: Rogers, Tom
To: Notar, John; Dawson, John
Cc: Stacy, Andrea; Scearce, Lynn; Himes, Brian
Subject: RE: FW: MODIFICATION APPLICATION NO. 0710002-022-AC-PSD-FL-428A, FORT MYERS POWER PLANT
Date: Wednesday, May 20, 2015 11:27:20 AM

John,

The NOx emission rate of 765.4 lb/hr is for two (2) turbines. The CALPUFF modeling assumed 8760 hours per year of operation.

Let us know if you have any other questions.

Tom

Thomas G. Rogers
Florida Department of Environmental Protection
Division of Air Resource Management
2600 Blair Stone Road, MS5500
Tallahassee, Florida 32399-2400
(850) 717-9022 (direct); (850) 717-9000 (receptionist)
tom.rogers@dep.state.fl.us

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communication may therefore be subject to public disclosure.

From: Notar, John [mailto:john_notar@nps.gov]
Sent: Wednesday, May 20, 2015 9:37 AM
To: Dawson, John
Cc: Stacy, Andrea; Scearce, Lynn; Rogers, Tom; John Notar
Subject: Re: FW: MODIFICATION APPLICATION NO. 0710002-022-AC-PSD-FL-428A, FORT MYERS POWER PLANT

John: thanks for th.e CALPUFF modeling files. I have a quick question, for the oil fired scenario, does source:

GESCFO !
1 ! X = 1529.658, -1352.921,

represent both turbines with NOx emissions of 765.4 LB/hr represent the emissions from both turbines. and was that emission rate assumed to occur any of the 8760 hours for only 500 possible hours.
thanks
John Notar

John Notar
National Park Service
Air Resources Division
12795 W. Alameda Pkwy.
Lakewood, CO 80228

Phone: 303-969-2079
Fax: 303-969-2822
E-Mail: john_notar@nps.gov

On Wed, May 20, 2015 at 6:15 AM, Dawson, John <John.Dawson@dep.state.fl.us> wrote:

Hi, Andrea – one correction to my email from yesterday. It's about 60 ***miles*** to the NW corner of the park, not 60 km. That makes it about 100 km.

John Dawson

From: Dawson, John
Sent: Tuesday, May 19, 2015 2:10 PM
To: 'Stacy, Andrea'; Scearce, Lynn
Cc: Johnson, Susan; Himes, Brian; Rogers, Tom; John Notar; Don Shepherd
Subject: RE: FW: MODIFICATION APPLICATION NO. 0710002-022-AC-PSD-FL-428A, FORT MYERS POWER PLANT

Dear Andrea,

Here are some quick answers.

1. The applicant didn't perform a netting analysis, even though they are currently operating the existing GTs. They'll be retiring the 10 GTs because they want to, but PSD won't force them to. They won't get PSD credit for the reductions from the retirements (unless they're saving it for a future project I don't know about).

2. I believe the emissions scenarios they modeled are described in the tables after the narrative part of the application. If you can't figure it out from those, we can talk and try to work it out over the phone. The Calpuff files are attached as .zip files. Let me know if they don't come through. I know some email servers strip off .zip attachments.

3. Not sure where their distance number came from, but it doesn't seem too far off. It looks like the distance from the plant to the northwest corner of the Park is about 60 km, as best I can tell from Google Maps.

Please let me know if you'd like any more information.

Thanks,
John Dawson

John P. Dawson, Ph.D.
Florida Department of Environmental Protection
Division of Air Resource Management
(850) 717-9085
John.Dawson@dep.state.fl.us

From: Stacy, Andrea [mailto:andrea_stacy@nps.gov]
Sent: Tuesday, May 19, 2015 1:44 PM
To: Scearce, Lynn
Cc: Dawson, John; Johnson, Susan; Himes, Brian; Rogers, Tom; John Notar; Don Shepherd
Subject: Re: FW: MODIFICATION APPLICATION NO. 0710002-022-AC-PSD-FL-428A, FORT MYERS POWER PLANT

Good morning Lynn,

Thank you for sending the FPL Ft. Myers modification permit application. I briefly read through it yesterday and have a couple of initial questions/requests:

1. They are currently permitted to operate 12 simple cycle GTs (63 MW gross capacity each) continuously (8760 hrs/yr) on No. 2 distillate fuel oil. Based on the application, they intend to decommission 10 of the existing GTs and replace them with the 2 proposed simply cycle CTs (200 MW nominal capacity each) which will be limited to 3390 operating hrs/yr (2890 hrs firing NG and 500 hrs firing ULSD). However, it does not appear in the application that they accounted for the shutdown of the 10 GTs in their PSD applicability/netting analysis. Why is this, are they not currently operating the GTs (i.e., an actual baseline of zero)?
2. Can you please send us additional information regarding the Class I AQRV CALPUFF modeling analysis completed by the applicant? Specifically, we would like a copy of the modeling protocol (if available), sample CALPUFF input and output files (.inp/.lst files) and a write-up describing what emission scenario(s) were modeled (i.e., fuel source and operating load). Please copy John Notar, our AQ modeler, on this information (john_notar@nps.gov).
3. On page 13, the protocol states that the facility is located 48 km from Everglades NP; based on GIS measurements, I assume this is a typo . . .

Thanks again, and we look forward to working with you on this permit modification.

Regards,
Andrea Stacy

On Wed, May 13, 2015 at 2:56 PM, Scearce, Lynn <Lynn.Scearce@dep.state.fl.us> wrote:

> I attached a copy of the application for your convenience.
>
> Permit Engineer: John Dawson, John.Dawson@dep.state.fl.us, Phone: 850-717-9085

Lynn Scearce
Office of Permitting and Compliance (OPC)
Division of Air Resource Management - DEP
2600 Blair Stone Road, Mail Stop 5505
Phone: 850-717-9025

-----Original Message-----
From: EPOST_AIR_TAL_OLD
Sent: Wednesday, May 13, 2015 4:37 PM
To: matt.raffenberg@fpl.com
Cc: randall.r.labauve@fpl.com; kkosky@golder.com; Scearce, Lynn; EPOST_AIR_TAL_OLD; EPOST_AIR_SD (Shared Mailbox)
Subject: MODIFICATION APPLICATION NO. 0710002-022-AC, FORT MYERS POWER PLANT

Dear Applicant:

Our office has received the air pollution permit application that you submitted for the project described below:

Facility Owner/Company Name: FLORIDA POWER & LIGHT
Site Name: FORT MYERS POWER PLANT
Project Name: AC028: PSD 428A/REPLACE GT'S
Project Description: This application is for the construction of two simple cycle gas turbines to replace 10 existing gas turbines (GTs). FPL plans to replace the existing 10 simple cycle GTs with a gross capacity of 630 megawatts (MW) with two simple cycle General Electric (GE) 7F.05 combustion turbines (CTs) that will be rated at approximately 200 MW each. The three new CTs will be designated nits 3C and 3D.
Application Project No: 0710002-022-AC
Application Received Date: 05/08/2015
Permit Application Processor: John Dawson
Permit Application Processor Phone: 850-717-9085
Permit Application Processor Email: John.Dawson@dep.state.fl.us

We will review the application in a timely manner and contact you soon if any additional information is needed in order to process it. To avoid formal written requests for additional information, we encourage our permit processors to contact you directly by e-mail or by phone to resolve any questions or provide missing information. Our goal is to reduce the overall time required to process your application. We appreciate your efforts to help us meet this goal by ensuring that your response to any of our questions is timely, thorough and complete. If no additional information is required from you to process the application, we will be sending you a draft of the permit for your review and comment.

If you did not include a full payment for this application's fees and would like to make an online payment for the outstanding balance, please visit the DEP Business Portal - https://www.fldepportal.com - and complete the online payment process for a submitted application. Please note that the following fee types may not be completed through this process:

* Payments for annual fees

* Payments for non-Title V Air General Permits
* Payments processed by a local delegated program
* Partial payments for application balances

If you have any questions, or if you received this email in error, please contact the Permit Application Processor listed above by phone or e-mail. You may also schedule a meeting or teleconference with the Permit Application Processor at any time during the application review process.

Best Regards,

Florida Department of Environmental Protection
Division of Air Resource Management
2600 Blair Stone Road, MS. 5500
Tallahassee, FL 32399
Tel. 850-717-9000

Please do not reply to this auto-generated email.

ARMS FACILITY ROLE(S): APPLICATION CONTACT PROFESSIONAL ENGINEER

ARMS FACILITY OFFICE IS:- SD; PA PERMITTING OFFICE IS:- TAL
[Dep Customer Survey]<http://survey.dep.state.fl.us/?refemail=Lynn.Scearce@dep.state.fl.us>

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Andrea Stacy
National Park Service
Air Resources Division
12795 W. Alameda Pkwy
P.O. Box 25287
Denver, CO 80225
andrea_stacy@nps.gov
303-969-2816 (phone)
303-969-2822 (Fax)