

Best Available Copy**Sheplak, Scott**

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From: Holtom, Jonathan
Sent: Tuesday, October 20, 2009 1:39 PM
To: 'Oquendo.Ana@epamail.epa.gov'; 'forney.kathleen@epamail.epa.gov'
Cc: Sheplak, Scott; Machinski, Susan
Subject: your review clock has started...

Hi Ana and Katy,

The following Title V renewal projects, which issued as draft/proposed, have been published in the paper, which has started your 45-day review clock concurrent with the public comment period.

Project Permit Number	Site Facility Name	Project Name	**Primary Processor	Draft/ Proposed Issued	Proof of Publication Received	Comment Period Starts	Com Per Er
0010006-010-AV	Gainesville Regional Utilities	Title V Renewal	Machinski_S	10/08/09	10/20/09	10/15/09	11/1
→ 1010017-012-AV	PEF - Anclote	Title V Renewal	Sheplak_S	10/12/09	10/20/09	10/16/09	11/1

Thanks, Jon.

Jon Holtom, P.E., CPM
 Title V Program Administrator
 Bureau of Air Regulation
 (850) 921-9531

10/21/2009

Sheplak, Scott

-f:/e-

From: Sheplak, Scott
Sent: Wednesday, October 21, 2009 8:09 AM
To: 'Oquendo.Ana@epamail.epa.gov'
Cc: 'Forney.Kathleen@epamail.epa.gov'
Subject: Public Notice notification for Draft/Proposed project - parallell review title V permit - Florida Power Corporation dba Progress Energy Florida, Inc. (PEF), Anclote Power Plant

We have received proof of publication for the following project:

1010017-012-AV
Florida Power Corporation dba Progress Energy Florida, Inc. (PEF), Anclote Power Plant

They published on 10/2¹⁶9/2009 therefore
Day 45 = 11/30/2009 (end of the USEPA Region 4 review period)
Day 55 = 12/10/2009 (Final permit by operation of law).

Sincerely,

Scott M. Sheplak, P.E.
State of Florida
Department of Environmental Protection
Mail Station #5505
2600 Blair Stone Road
Tallahassee, FL 32399

850/921-9532
Scott.Sheplak@dep.state.fl.us

10/21/2009

Fuel Oil Emissions Calculator						
Type of fuel oil:	#6					
				Fuel oil density defaults		
				type	#/gallon	
	<enter>			#1, 2	6.83	
fuel oil density	8.33	#/gallon		#3	7.5	
usage (v)	3424.7	max gallons/hour		#4	7.75	
permitted hours	0	max hours/year		#5	8	
				#6	8.33	
usage (v)	0 max gallons/year					
usage (v)	30,000,000	actual gallons/year				
	SO2 emissions					
		#/gallon	max #/hour	max TPY	TPY (based on actual gpy)	
max %S permitted	0	0.00	0.00	0.00	0.00	
Used oil calculations		Constituent emissions				
Constituent	ppm	#/gallon	max #/hour	max TPY	TPY (based on actual gpy)	
arsenic	5	0.00004165	0.14	0.00	0.62	0.62475
cadmium	2	0.00001666	0.06	0.00	0.25	0.2499
chromium	10	0.0000833	0.29	0.00	1.25	1.2495
lead	100	0.000833	2.85	0.00	12.50	12.495
total halogens	1000	0.00833	28.53	0.00	124.95	124.95
Total	1117	0.01	31.87	0.00	139.57	139.57
NOTES:						
usage (v) - "v" denotes volume.						
Assumptions:						
1) all constituents emitted uncontrolled; control device does not remove any.						
2) all constituents do not combine with product.						
3) all constituents released into air.						

Sheplak, Scott

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From: Bradley, Chris [Chris.Bradley@pgnmail.com]
Sent: Thursday, September 24, 2009 5:41 PM
To: Sheplak, Scott
Cc: Tom Davis
Subject: Anclote Pre-Draft Renewal Permit
Attachments: Anclote Permit Renewal RAI_Subparts_IIII_JJJJ_ZZZZ - Rev.pdf

Hey Scott –

Thank you for your time this afternoon. I wanted to get back to you on several of the items we discussed. In addition, I wanted to forward you the updated information on the ICE units at the facility including the new information on the emergency generator, which is attached.

1. Fuel additives –Please include “fuel additives” in the facility description.
2. Emergency Generator – We will not address moving this emission unit from the Appendix U to Appendix I in the permit renewal.
3. Appendix BOP – Although your rational for inclusion of this appendix is good, the plant would like this appendix removed from the draft permit.
4. Moving AEUs form Appendix U to Appendix I – I will get you emission calculations on the general purpose engines and the Fuel Tanks to justify this re-categorization.
5. Condition A.8 – Because of the current DEP/BAR Permit Renewal workload and the sake of expediency, please include the requested permit language as a permitting note.

Also, two updates –

1. Under the “Continuous Monitoring Requirements” section the units no longer have the ability to measure stack flow. Please remove this reference,
2. Condition A.23 – Test Methods . The facility uses Appendix D protocol for the quantification of the SO2 emission, so there is no need for the facility to use the “Methods for Determining Sulfur Dioxide Emissions” via EPA Methods 6, 6A, 6B or 6C. Please remove these methods.”

Again thank you for your time and effort in developing this draft permit.

Best regards,

Chris Bradley
 Sr. Environmental Specialist
 Technical Services/EHSS Section-POG
 Progress Energy Florida, Inc.
 Telephone: 727.820.5962
 Vnet No: 230.5962
 Cell: 727.409.2477
 Fax: 727.820.5229
 E-mail: Chris.Bradley@pgnmail.com

9/25/2009

ANCLOTE POWER PLANT
 List of On-Site Engines
 Compression Ignition and Spark Ignition

Facility ID for Engine	Year of Manufacture	Engine Make & Model	Engine Horsepower	Engine Type CI (Compression Ignition) or SI (Spark Ignition)	Fuel Type (gasoline, natural gas, propane, diesel, etc)	Purpose of the engine (e.g., emergency generator, water pump, etc.)
Emergency Diesel Generator	1984 <u>2003</u>	Caterpillar SR4B <u>3512</u>	4440 <u>1500</u>	CI (Compression Ignition)	Diesel	Emergency Generator
Diesel Fire Pump	1972	Cummins 618-74	525	CI (Compression Ignition)	Diesel	Fire Pump
Diesel Air Compressor	Pre-1999	Cummins NTA855C360	1200	CI (Compression Ignition)	Diesel	Ingersoll Rand/Cummins Engine (May be removed from site in 2010; currently in a non-operating condition.)
Cherry Picker	2005	Cummins GR300XL-1	215	CI (Compression Ignition)	Diesel	
Diesel Backhoe	Pre-1999	John Deere TO310 SE	31	CI (Compression Ignition)	Diesel	Backhoe
Diesel Welder	1994	Duetz Pugggerini MD151	16	CI (Compression Ignition)	Diesel	Portable Welder - Not operational

Sheplak, Scott*-file-*

From: Schroeder, Bill
Sent: Thursday, June 04, 2009 3:39 PM
To: Sheplak, Scott
Cc: Henry, Danielle D.; Noor, Sajeda
Subject: RE: Compliance Review of Title V Air Operation Permit Renewal Application-ANCLOTE 1010017

Hi Scott:

Based upon five-year review of Southwest District paper files, ARMS data, and available EPA EDR files, the above facility has been evaluated as follows:

Unresolved Citizen Complaints: None
 Ongoing Enforcement Case(s): None
 Pending Enforcement Case(s): None
 Annual Operating Reports Submitted: Yes
 Statements of Compliance Submitted: Yes
 Compliance Test/RATA Results In Compliance: Yes
 Overdue Compliance Tests/RATAs: None
 Quarterly Monitor Linearity Audits Performed: Yes
 Quarterly Excess Emissions Reports Submitted: Yes
 Semiannual Reports Submitted: Yes
 CAM Excursions Reported: None
 Annual Inspection Results In Compliance: Yes

Comments:

The last inspection of the facility showed no deficiencies in monitoring, operating procedures, or records maintenance.

If I can assist you further with more information, please let me know.

Regards,

Bill

From: Henry, Danielle D.
Sent: Tuesday, May 26, 2009 1:53 PM
To: Schroeder, Bill; Noor, Sajeda
Cc: Falandysz, Cynthia
Subject: FW: Compliance Review of Title V Air Operation Permit Renewal Application

Bill/Sajeda,

Please review the information requested below and provide Scott Sheplak a summary of your complete file review prior to the due date of June 20th. Be sure to copy me on your response back to him.

6/4/2009

Thank you,
Danielle

From: Sheplak, Scott
Sent: Tuesday, May 26, 2009 12:33 PM
To: Henry, Danielle D.
Subject: Compliance Review of Title V Air Operation Permit Renewal Application

Re: Compliance Review of Title V Air Operation Permit Renewal Application
EPSAP Application Number 2227-1

TECO-Polk Power Station
Project No. 1050233-026-AV

On May 20, 2009, our office received the subject application via Electronic Permit Submittal Processing System (EPSAP). You should be able to access the application through the EPSAP system.

Each applicant for a Title V permit is required to sign a certification of compliance. Each applicant is also required to report the compliance status of each emissions unit. Any non-compliance at the time of application and/or during the processing of the application requires a compliance plan to be submitted. The applicant certified compliance in this permit application.

Please review this facility's status with your compliance and enforcement staff. Please notify me via email or hard-copy **either**:

- a. there are no outstanding compliance or enforcement actions with this facility;
- or**
- b. the following outstanding compliance and enforcement issues exist (please list).

Please review the compliance status of this facility and send us your written comments within 30 days (**no later than June 20th**). Thank you for your support and have a great day!