From: Juan Ramirez
To: Heron, Teresa
Subject: RE: Seminole Electric - Midulla Generating Station TV Permit Renewal; SCR installation
Date: Thursday, September 20, 2012 8:48:00 AM

No they have not.

>>> "Heron, Teresa" <Teresa.Heron@dep.state.fl.us> 9/19/2012 4:32 PM >>>
HI Juan:

Have all the SCRs been installed for the Five pack combustion simple cycle turbines (E.U 001 thru 005)?

I would appreciate your response.

Teresa

From: Juan Ramirez [mailto:JRamirez@seminole-electric.com]
Sent: Thursday, September 13, 2012 3:39 PM
To: Heron, Teresa
Cc: tdavis@ectinc.com
Subject: RE: Seminole Electric - Midulla Generating Station TV Permit Renewal; Diesel Engine Descriptions

It is all out of the same pipeline. So it should be the same. I don't see a reason for adding an additional limit. I would prefer that the permit stay as is.

thanks,

Juan

>>> "Heron, Teresa" <Teresa.Heron@dep.state.fl.us> 9/13/2012 2:42 PM >>>
The five 60 MW Twin pack permit condition reads:

> **B.3.** Allowable Fuels. Each combustion turbine shall only be fired with natural gas containing no more than 1 grain of sulfur per 100 dry standard cubic feet of gas (monthly average) and distillate oil containing no more than 0.05% sulfur by weight. [PSD-FL-344B (0490340-010-AC) and Rule 62-210.200(PTE), F.A.C.]

The reason I am asking is that, to be consistent through the permit, we want to clarify that the % S for the combined cycle turbines is also 1 grain of sulfur per 100 dry standard cubic feet of gas .

What do you think?

Thanks, Teresa

From: Juan Ramirez [mailto:JRamirez@seminole-electric.com]

Sent: Thursday, September 13, 2012 2:31 PM
To: Heron, Teresa
Subject: RE: Seminole Electric - Midulla Generating Station TV Permit Renewal; Diesel Engine Descriptions

Its all the same pipeline. I thought pipeline grade natural gas was less than 10 grains per 100 dscf? I'll look this up.

>>> "Heron, Teresa" <Teresa.Heron@dep.state.fl.us> 9/13/2012 2:13 PM >>>
Hi Juan:

Is the natural gas percent sulfur for the combined cycle units also 1 grain of sulfur per 100 dry standard cubic feet?

From: Juan Ramirez [mailto:JRamirez@seminole-electric.com]
Sent: Wednesday, September 05, 2012 1:16 PM
To: Heron, Teresa; tdavis@ectinc.com
Subject: RE: Seminole Electric - Midulla Generating Station TV Permit Renewal; Diesel Engine Descriptions

Teresa,

Yes Tom is correct. This engine will be retrofitted and have the ability to be used for non-emergency conditions.

Thanks,

Juan

>>> Tom Davis <tdavis@ectinc.com> 9/4/2012 5:22 PM >>>
Teresa,

It is my understanding that Seminole decided after the RAI submittal to use the emergency generator in the future such that it would not qualify as an emergency engine.

I'll check with Juan and give you a call tomorrow.

Thanks.

From: Heron, Teresa [mailto:Teresa.Heron@dep.state.fl.us]
Sent: Tuesday, September 04, 2012 3:37 PM
To: tdavis@ectinc.com; JRamirez@seminole-electric.com
Subject: RE: Seminole Electric - Midulla Generating Station TV Permit Renewal; Diesel Engine Descriptions

Juan and/or Tom:

I am finalizing the permit and I noticed 2 different info:

Is the 1,528 HP Mitsubishi Heavy Industries an emergency or a non emergency?
The letter of response to the RAI says emergency.
The e-mail below says non- emergency.
Which is the right classification?

Please let me know as soon as you can.

Thanks you!
Teresa
850-717-9082

Please take a few minutes to share your comments on the service you received from the department by clicking on this link DEP Customer Survey.
From: Tom Davis [mailto:tdavis@ectinc.com]
Sent: Thursday, August 09, 2012 5:07 PM
To: Heron, Teresa
Cc: JRamirez@seminole-electric.com
Subject: Seminole Electric - Midulla Generating Station TV Permit Renewal; Diesel Engine Descriptions

Teresa,

In response to your request, suggested engine description language for the Seminole Midulla Generating Station TV permit is as follows:

E.U. ID No.	Brief Description of Emissions Units and/or Activity
-003	265 HP Clark Model JDFP-06WA 265 diesel engine used to drive an emergency fire water pump. Engine was manufactured prior to April 6, 2006 and therefore is not subject to NSPS 40 CFR Part 60 Subpart IIII. Engine is subject to the applicable provisions of NESHAPS 40 CFR Part 63 Subpart ZZZZ for existing emergency engines located at area HAP sources.
-004	1,528 HP Mitsubishi Heavy Industries (MHI) Model 512H-Y1PTA-3 diesel engine used to drive a generator. Engine was manufactured prior to April 6, 2006 and therefore is not subject to NSPS 40 CFR Part 60 Subpart IIII. Engine is subject to the applicable provisions of NESHAPS 40 CFR Part 63 Subpart ZZZZ **for existing non-emergency engines greater than 500 HP located at area HAP sources.**

Pls contact me if you need any additional information.

Thanks.

Tom Davis, P.E.
Environmental Consulting & Technology, Inc.
3701 NW 98th Street
Gainesville, FL 32606

Voice: 352.248.3351
Fax: 352.332.6722

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