From: Andrew Chartrand
To: Wilson, Aimee
Cc: David.Ayers@cheniere.com
Subject: RE: More questions on Corpus Christi Liquefaction
Date: Monday, June 17, 2013 4:19:40 PM

Aimee,

There was still one question from this e-mail that we had not replied to. Please see below.

Question
What temperature will be maintained in the TO combustion chamber? What will the exhaust temperature be for the TO exhaust? The January response mentioned periodic testing. What frequency are you considering as periodic and what type of test will be performed?

Response
The TO will maintain a minimum temperature of 1,400 °F at the outlet of the combustion chamber. The exhaust stack exit temperature at normal operating conditions is 389°F. Based on the detailed manufacturer specifications and guarantees, compliance will be demonstrated by monitoring of the combustion temperature every 15 minutes (while waste gas is routed to the TO) and monitoring of fuel gas quality (using only pipeline quality natural gas as fuel). This approach has been agreed to by TCEQ for the PSD permit.

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From: Wilson, Aimee [mailto:Wilson.Aimee@epa.gov]
Sent: Wednesday, May 08, 2013 3:07 PM
To: Andrew Chartrand
Subject: More questions on Corpus Christi Liquefaction

Andrew,

I finished up drafting the statement of basis for the Corpus Christi Liquefaction GHG permit today. Here are some more questions I have. I don't expect you to have answers to these for our meeting tomorrow, but wanted to go ahead and email them to you. I apologize if I have repeated some questions that I may have already asked.

Are the thermal oxidizers traditional or regenerative?

Are the wet and dry flares in one unit? I am not familiar with these. The way the application is worded they sound to be separate, but share an EPN. Please clarify. Also the January 2013 response on page 27 referred to attachment 4D for the wet and dry flare and attachment 4E for the marine flare. The copy I have does not have those attachments. Could you please provide those. They may help me understand the configuration and operation of the wet and dry flares.

Will the turbines ever combust natural gas in addition to the BOG?

What temperature will be maintained in the TO combustion chamber? What will the exhaust temperature be for the TO exhaust? The January response mentioned periodic testing. What frequency are you considering as periodic and what type of test will be performed?

What is the HP rating of the generator engines and the firewater pump engines? Are these engines going to meet the Tier 2 or the Tier 3 requirements of 40 CFR Part 60 Subpart III?

Fugitives – What is meant by a modified 28M LDAR program for methane service fugitives?

Thanks,
Aimee