

From: [Jones, Dave F \(DEC\)](#)
To: [Lisa Haas](#)
Cc: [Simpson, Aaron J \(DEC\)](#); [James R Plosay \(DEC\) \(jim.plosay@alaska.gov\)](#); [Jack, Jesse R \(DEC\)](#); [Hirsch, Brian L \(DEC\)](#)
Subject: Information Request for BACT Vendor Quotes Re: Preliminary Permit Applications AQ1524CPT01 and AQ1539CPT01
Date: Tuesday, December 3, 2019 4:09:00 PM
Attachments: [Sources Within 55km with Distance.xls](#)

Lisa,

As a follow up to our November 6th conversation regarding EPA's comments on the preliminary construction permit application AQ1524CPT01 for the Gas Treatment Plant, the Department is requesting AGDC to provide vendor data supporting the assumed purchased equipment costs for selective catalytic reduction (SCR) controls for oxides of nitrogen (NOx) and oxidation catalyst controls for carbon monoxide (CO) for the treated gas compressor turbines, byproduct CO₂ compressor turbines, and power generation turbines. Similarly, this information is needed for the construction permit application AQ1539CPT01 for the Liquefaction Facility. The Department is also requesting vendor quotes for freight estimates of the SCR and oxidation catalyst systems for the turbines mentioned above.

AGDC provided assumed purchased equipment costs for SCR and oxidation catalyst controls in their Best Available Control Technology (BACT) analysis of the proposed turbines. However, this information was cited as being confidential and unavailable for review, to which EPA indicated would be considered an incomplete application.

Therefore, the Department is requesting that AGDC provide this information, redacted if necessary in comport with AS 46.14.520. AGDC may alternatively refer to Section 4.2, Chapter 2.4.1: Total Capital Investment of the U.S. Environmental Protection Agency's (EPA's) Cost Control Manual to recalculate the direct capital costs of SCR using the relevant equations, or propose the referenced pollution controls as BACT which would obviate the need to obtain detailed engineering studies and cost quotations from system suppliers.

The Department notes it is currently reviewing the monitoring data collected for the liquefaction facility and as of the writing of this email, does not have any additional information to request. Additionally, the Department has prepared a draft increment inventory containing North Slope sources which may impact the increment modeling analysis provided as part of the application materials, see attached.

If you have any questions regarding this information request please feel free to contact myself or Aaron Simpson.

Regards,

Dave Jones

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