To: Laura Stefani
E-Mail: LAStefani@mintz.com
From: Nimesh Sangani
Date: July 21, 2021

Subject: Additional Information Request

Message:

Please address the following questions/concerns:

The provided casualty risks of the spacecraft (1:19,700) and the launch vehicle adaptor (1:12,500) would present a combined risk of 1:7,647.

What steps were taken during the design phases of the spacecraft ,and launch vehicle adaptor with separation ring with regards to demisability?

Please provide additional information on the Control Sat component of the spacecraft. What is the mass, shape and material composition of the object? Is it nested inside the spacecraft itself, and if so how deeply, providing protection/delay from normal reentry conditions? Would it be possible to use alternate materials that are more likely to demise during reentry?

Additionally, please provide detailed information on the launch vehicle adaptor and separation ring. Are these a single object or two separate objects? Please provide the mass(es), shape(s) and material composition(s). Were other designs considered before ultimately selecting the current design? Are other designs, with greater theoretical chances of demise, available and/or feasible?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of July 21, 2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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