

To: David Hinkley  
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From: Doug Young  
Date: March 08, 2018

Subject: Request for Info - File # 0832-EX-CN-2017

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Message:

The FCC's International Bureau requires you to address the following issues:

1. The ODAR is marked proprietary and is unsigned. A public version will need to be prepared and submitted to the file.
2. One of the satellites uses an unidentified "zero vapor pressure ionic liquid" in a propulsion system. The applicant should indicate whether this liquid will evaporate in space - for example if there is a leak. We are looking for assurances that there is no possibility of leaked liquid forming droplets that persist in space.
3. There is a DAS output that shows multiple re-entering debris that re-enter at potentially lethal energies, i.e. > 15J. The applicant may wish to conduct a higher fidelity analysis to determine whether DAS predictions verify. To the extent they do, the applicant will need to provide a justification for use of these materials, and consider substituting materials in order to minimize casualty risk.
4. The ODAR indicates that signatures indicate acceptance of ODAR-defined risks. Is this just carryover boilerplate? If not is Aerospace purporting to accept risk on behalf of USG?
5. The BR requires an EMC analysis for all NGSO networks in the 902-928 MHz band, since this band has no allocation to any space service. Please provide.

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 March 08, 2018 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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Responses to this correspondence must contain the Reference number : 41083