

To: Michael Miller
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From: Doug Young
Date: October 07, 2015

Subject: Request for Info - File #0227-EX-PL-2015

Message:

I am having some difficulty reconciling statements in the ODAR with the letter provided by Santa Clara University.

Specifically, I note this text from the ODAR (which is a document prepared by NASA):

"EcAMSat's primary experiment functions are to be completed within 1 month after launch. Data from the experiment, spacecraft, and payload systems are retrieved over the course of subsequent weeks, up to 6 months. After the primary mission data is collected, the satellite operations will be handed over to Santa Clara University to meet ongoing secondary objectives."

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The spacecraft and payload commanding, and data telemetry delivery functions utilize a 2.4 GHz ISM band transceiver. A small subset of satellite telemetry will also be transmitted over an amateur beacon for Education and Public Outreach purposes. There are no propellants."

"Mission duration: Planned primary operations are to last roughly six (6) months after launch. This period will be followed by many years in LEO secondary operations. From launch, the spacecraft is expected to remain in LEO for ~17.1 years prior to reentry after natural decay of the orbit."

It sounds like this station will be operated by NASA for six months before Santa Clara does anything, and at that point Santa Clara will assist with flight operations under contract to NASA. So it is not clear that it is appropriate to consider this a non-federal station.

I am also wondering exactly when "passivation" will occur, and what exactly it entails.

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 October 07, 2015 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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