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To: Doug Young

Date: June 25, 2015

Subject: Request for Info - File #0356-EX-PL-2015

Message:

1. SpaceX has posted Exhibit 7, Information Regarding Orbital Debris Assessment, which does not need confidential treatment.
2. The currently baselined spacecraft mass is 58 kg. To be conservative in the orbital lifetime calculations, SpaceX used 65 kg. In Exhibit 7, values for both masses are now shown. DAS analyses are included for 4 configurations:
 - a. Both arrays fully deployed;
 - b. One array fully deployed and other not deployed;
 - c. One array partially deployed and other not deployed;
 - d. Both arrays not deployed;
3. The probability of a spacecraft collision has been added to Exhibit 7.
4. These answers to these questions were added to Exhibit 7. In text, they are:
 - a. Before launch, SpaceX will designate a point of contact for receiving JSpOC conjunction assessments. Plans for collision avoidance activities will be developed if necessary.
 - b. The spacecraft does have the ability, upon receipt of a ground command, to orient itself at a given attitude in order to vary its cross-sectional area in the vector of motion.