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November 4, 1999

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

Re: Orbital Sciences Corporation
Call Sign WA9XFR
File No. 0178-EX-ST-1999
Application for Renewal of STA

To the Commission:

On behalf of Orbital Sciences Corporation (“Orbital”), electronically transmitted herewith is an application on FCC Form 405 for renewal of the above-referenced special temporary authority (“STA”). The STA was granted on June 4, 1999, and is scheduled to expire on December 5, 1999. Orbital requires a renewed STA so that it may continue the program of experimentation as described in the original STA request. Orbital is eligible for the requested renewal because it has filed an application for regular authority to replace the STA, in accordance with Section 5.61(b) of the Commission’s rules.

The filing fee for this application, along with a completed Form 159 remittance advice worksheet, will be submitted in accordance with the Commission’s rules.

If you have questions, please call me at (202) 719-7235.

Respectfully submitted,

/s/

Kurt E. DeSoto
Counsel for Orbital Sciences Corporation