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August 16, 2016

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VIA ELECTRONIC FILING

Mr. Jose Albuquerque
Chief, Satellite Division, International Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Notice of De-Orbit for Sirius FM-2 Space Station (Call Sign S2105),
File No. SAT-MOD-20091119-00123

Dear Mr. Albuquerque:

Satellite CD Radio, Inc., a wholly-owned subsidiary of Sirius XM Radio Inc. (together "Sirius XM"), by counsel and pursuant to Paragraph 1 of the authority granted to Sirius XM on February 11, 2010,¹ hereby notifies the Commission that end-of-life maneuvers have been completed for the Sirius FM-2 non-geostationary satellite orbit space station as of August 3, 2016.

The orbital altitude of Sirius FM-2 is now 30,252 km with an argument of perigee of 261.7 degrees. The inclination of Sirius FM-2 is 64.6 degrees.

Sirius XM achieved nearly full circularization of the disposal orbit for its Sirius FM-2 satellite. A series of deorbit maneuvers lowered the apogee altitude to within 813 km of the perigee altitude. The final apogee radius is 30,659 km and the final perigee radius is 29,846 km. The disposal orbit of Sirius FM-2 is predicted to maintain excellent stability for the analysis period of 100 years, consistent with Sirius XM's de-orbit analysis previously provided to the FCC.²

Should you have any questions or concerns, please do not hesitate to contact the undersigned.

¹ Application for Modification to Extend License Term and De-Orbit the FM-1, FM-2, and FM-3 Satellites, File No. SAT-MOD-20091119-00123 (stamp grant, Feb. 11, 2010).

² Application for Modification to Extend License Term and De-Orbit the FM-1, FM-2, and FM-3 Satellites, Attachment A at 3-7, File No. SAT-MOD-20091119-00123 (filed Nov. 19, 2009).



Ms. Marlene H. Dortch
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Respectfully submitted,

/s/ Jennifer D. Hindin

Jennifer D. Hindin
Counsel for Sirius XM