

SIRIUS XM RADIO INC.  
1221 Avenue of the Americas  
New York, New York 10020

March 23, 2009

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
Mail Stop 20549  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Robert Bartelmes  
John Harrington

**Re: Sirius XM Radio Inc. Registration Statement on Form S-3 (File No. 333-156495)**

Dear Messrs. Bartelmes and Harrington:

Reference is made to the Registration Statement on Form S-3 (File No. 333-156495) filed with the Securities and Exchange Commission by Sirius XM Radio Inc. (the "Company") on December 30, 2008 (the "Registration Statement"). Pursuant to Rule 477 promulgated under the Securities Act of 1933, the Company hereby applies for the immediate withdrawal of the Registration Statement together with all exhibits thereto.

The Registration Statement was filed for resale from time to time by the Company or selling securityholders of the Company's securities. Upon the Company's filing of its Annual Report on Form 10-K, the Registration Statement ceased to be usable as the Company was no longer a "well-known seasoned issuer" (as such term is defined in Rule 405 under the Securities Act of 1933). Subsequent to such date, the Company has regained such status and has elected to file a new automatic shelf registration statement on Form S-3. The Company confirms that the only securities registered under the Registration Statement were certain shares of common stock held by the stockholders named in the prospectus supplement relating to the Registration Statement filed on February 17, 2009. Any such shares that are still held by any of the stockholders named in such prospectus supplement have been or will be registered by the Company under the new automatic shelf registration statement on Form S-3.

If you have questions or require additional information, please do not hesitate to contact the Company's outside counsel, John C. Ericson, Esq. of Simpson Thacher & Bartlett LLP at (212) 455-2000.

Sincerely,

SIRIUS XM RADIO INC.

By: /s/ Patrick L. Donnelly

Name: Patrick L. Donnelly

Title: Executive Vice President, General Counsel and Secretary