



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

January 10, 2012

Via E-mail

Ian S. Walton  
Executive Vice President and Chief Financial Officer  
Aurizon Mines Ltd.  
Suite 1120 Cathedral Place, 925 West Georgia Street  
Vancouver, British Columbia V6C 3L2

**Re: Aurizon Mines Ltd.**  
**Form 40-F for Fiscal Year Ended December 31, 2010**  
**Filed March 31, 2011**  
**File No. 001-31893**

Dear Mr. Walton:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Dieter King for

John Reynolds  
Assistant Director